

Appendix A: Site Plans



T8949
BOESMANSPRUIT FARM



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

SITE NAME:
BOESMANSPRUIT FARM

BASE STATION NUMBER:
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES:
OWNER 1: BENSON ROBERT ERNEST
OWNER 2: BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:
PORTION 1 OF THE FARM
BOESMANSPRUIT 9 IT

COORDINATES:
LAT: 26° 01' 06.40" S
LONG: 30° 02' 49.70" E

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

ADDRESS:
OFF THE R33 NEAR PIETER DE BRUINPARK,
BETWEEN HENDRINA AND CAROLINA,
MPUMALANGA



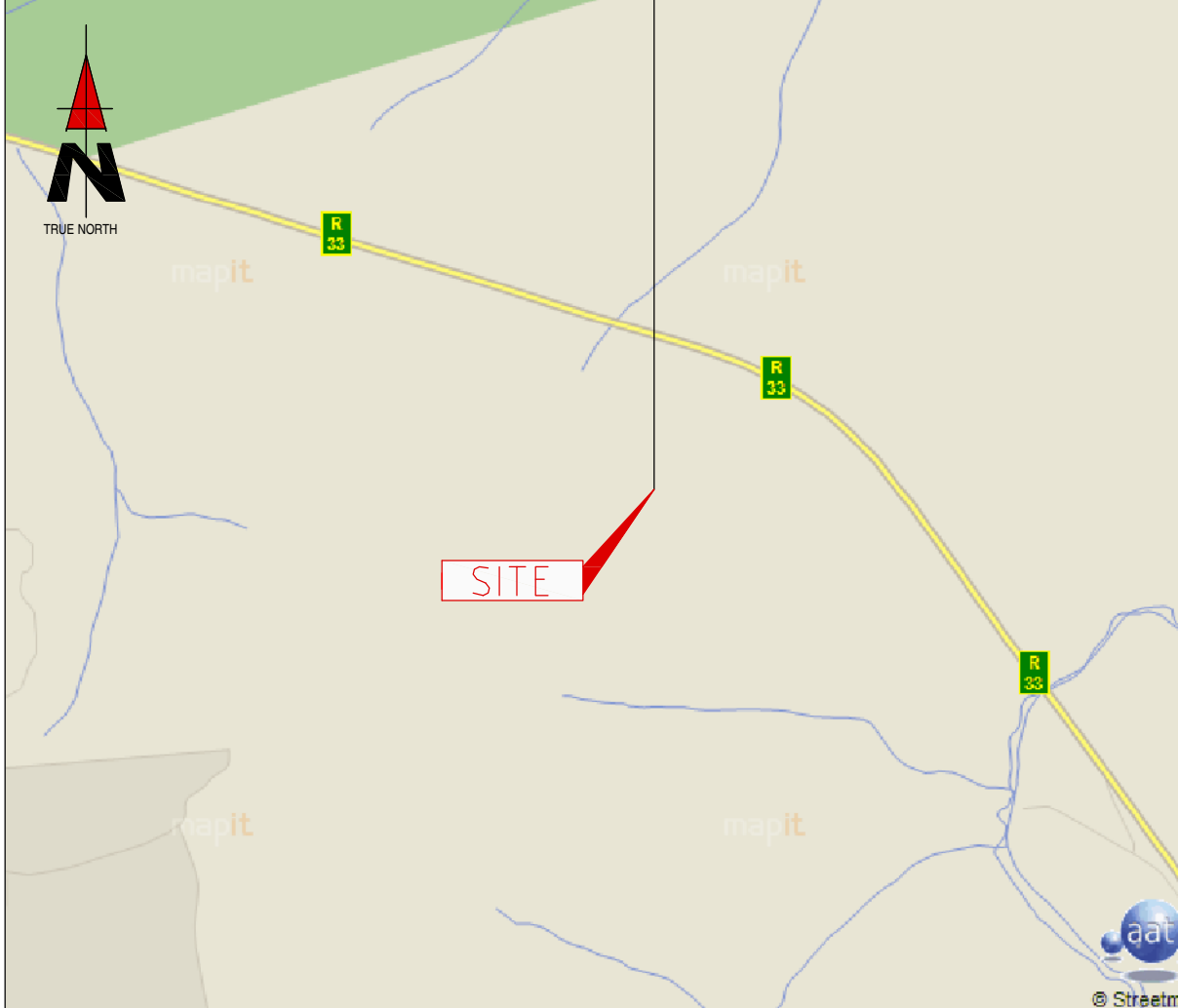
414 Rustic Road
Silvertondale
0184
Tel. +27 (12) 804 1504/6
Fax: +27 (12) 804 7072
admin@infraplan.co.za
P.O. Box 32017
Totiusdal
0134

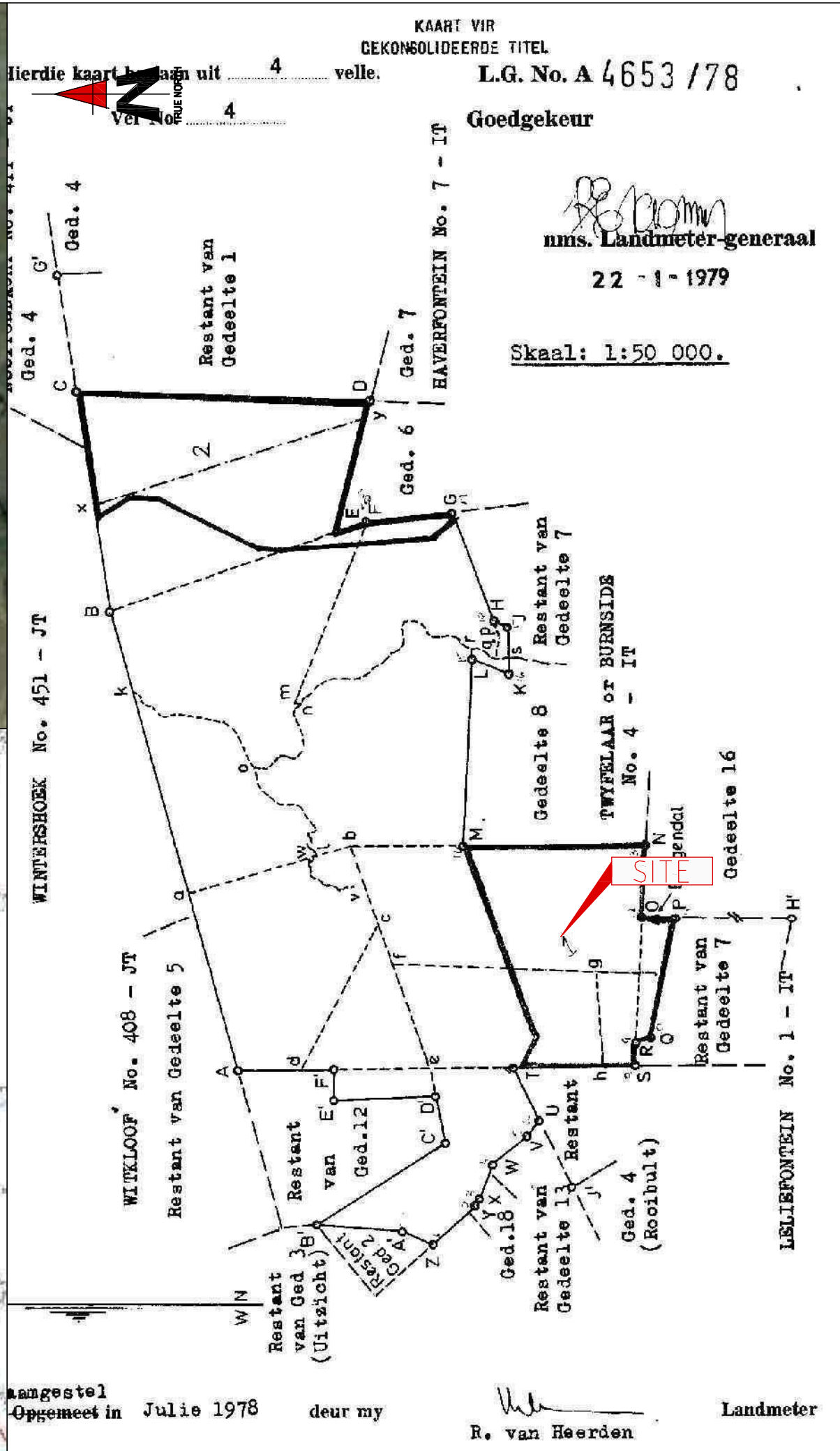
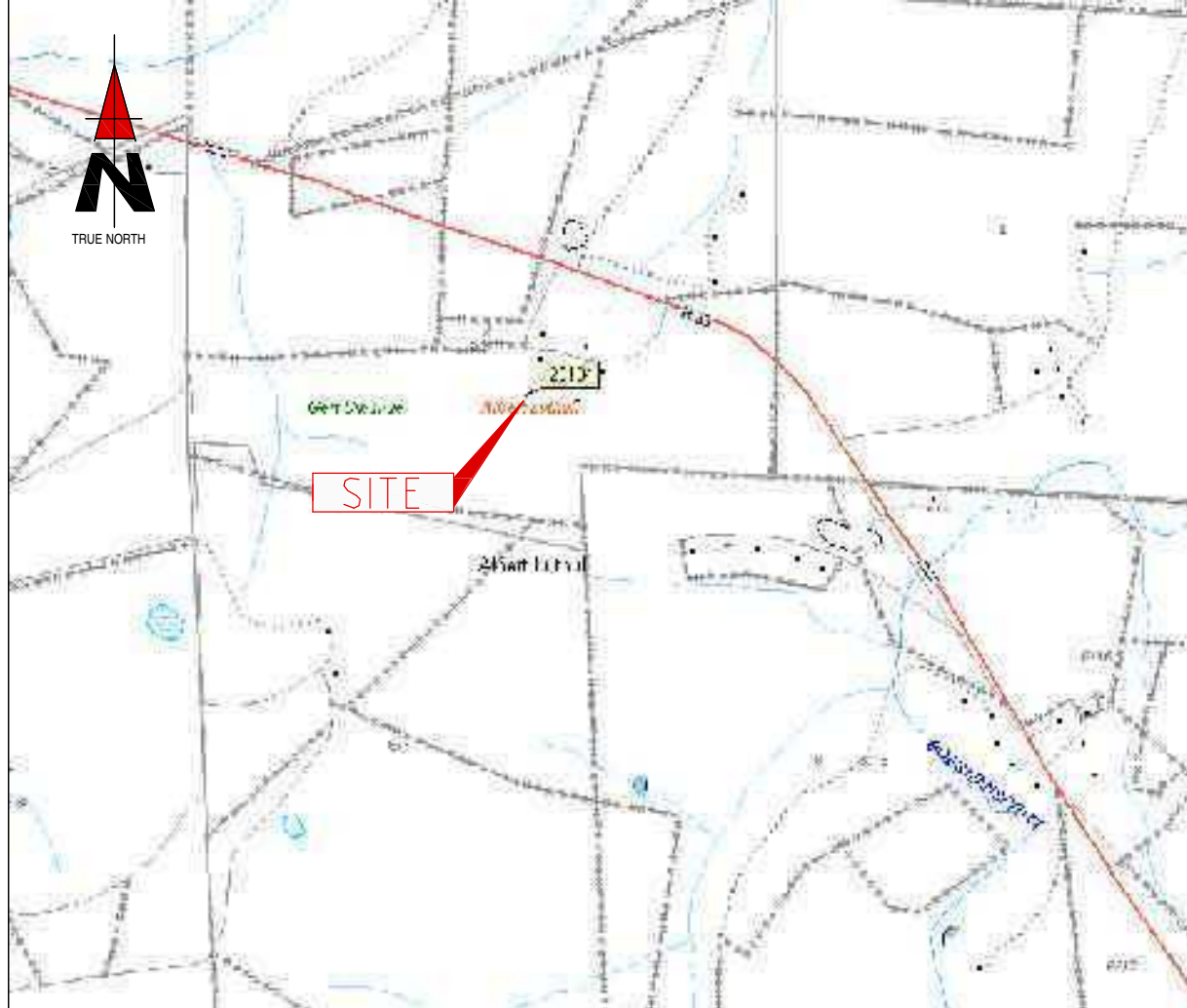
RFQ NO.:
150361

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115049

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ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R/01/1001
ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: MELISSA YOUNG
SCALE: NTS
DATE: 25/11/2011
REF. NO: 812/T8949





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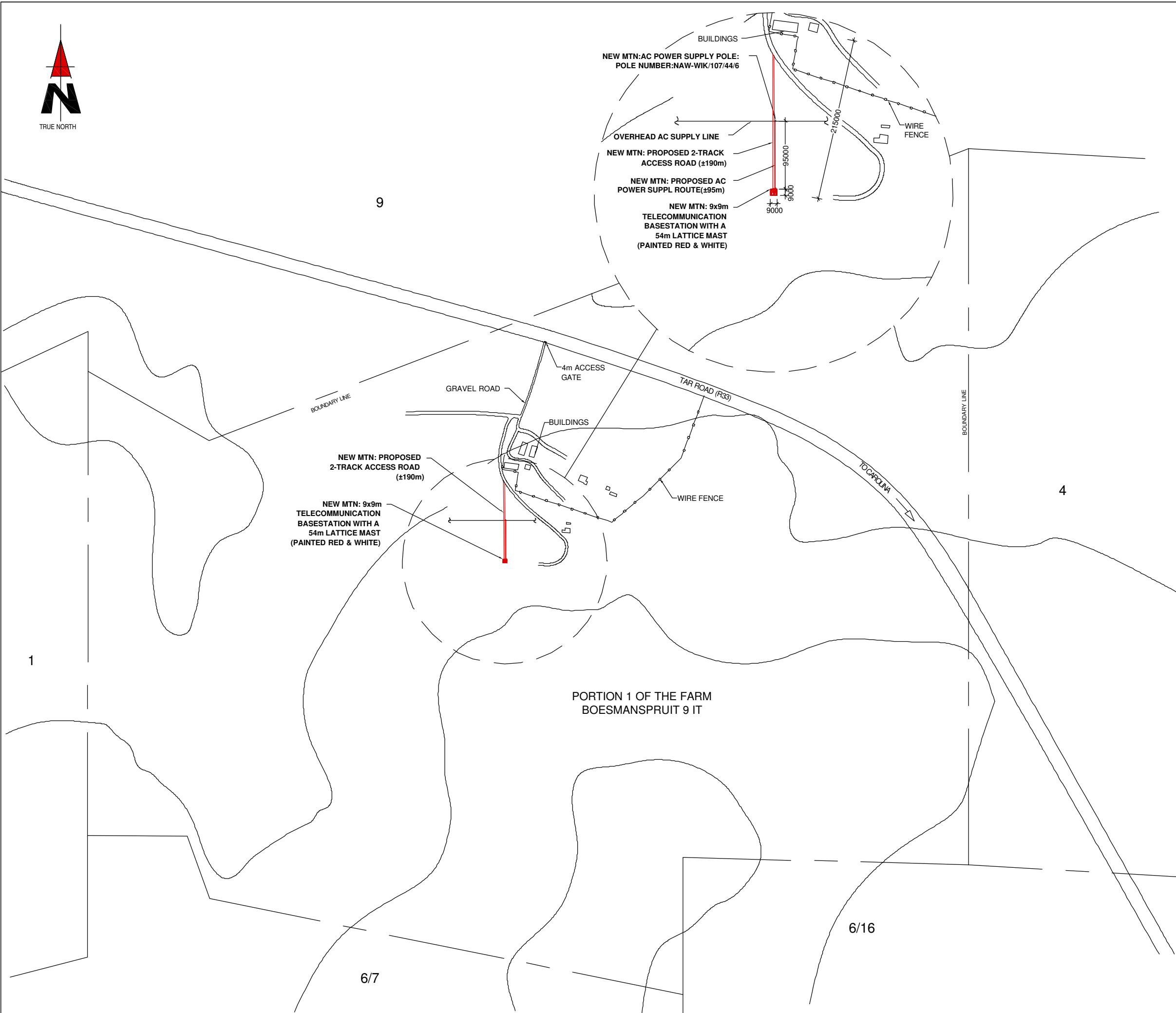
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CADASTRAL INFO
SHEET 2 OF 9



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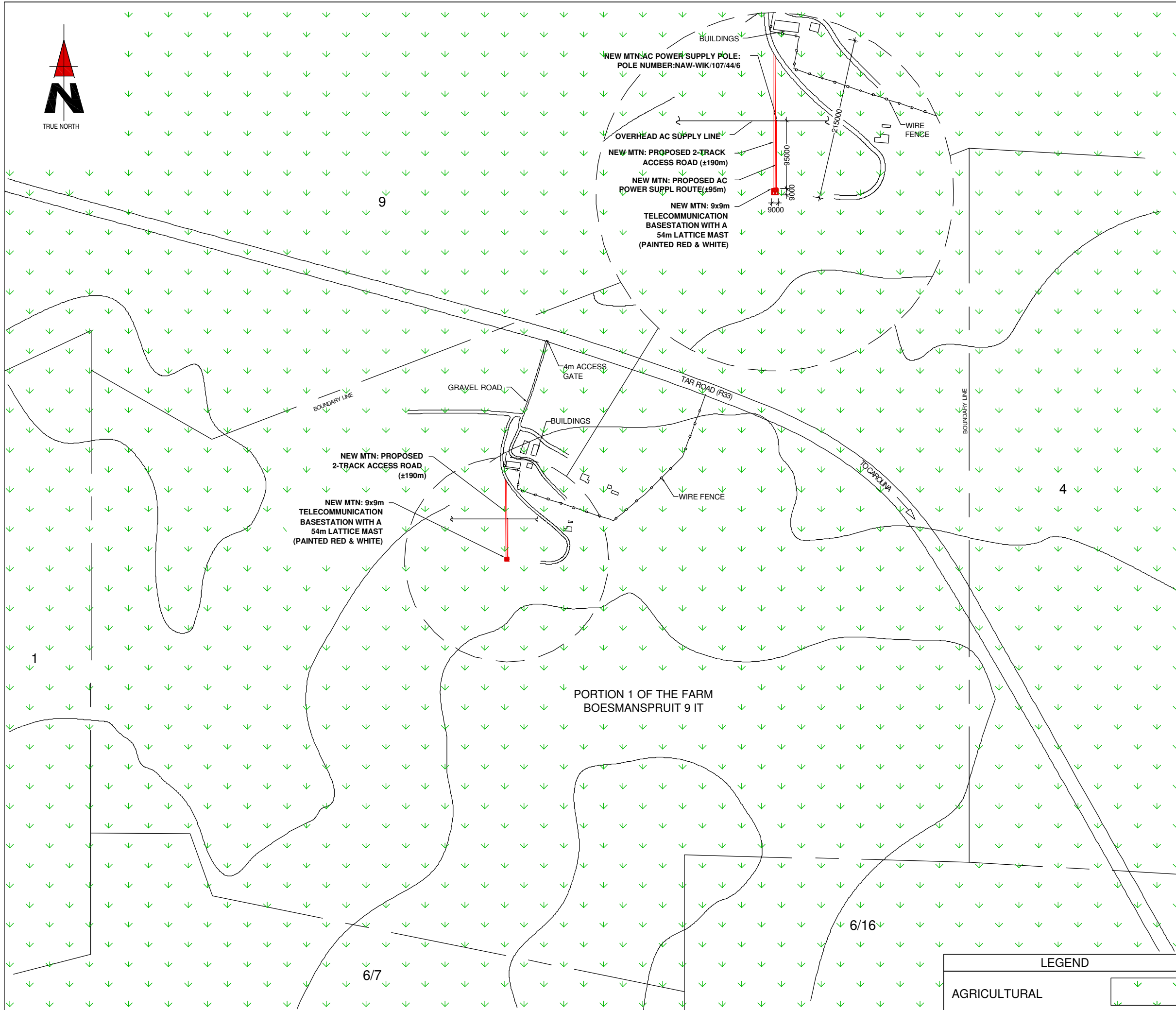
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SCALE: 1:8000

DATE: 25/11/2011
REF. NO: 812/T8949

**SITE DEVELOPMENT PLAN
SHEET 3 OF 9**



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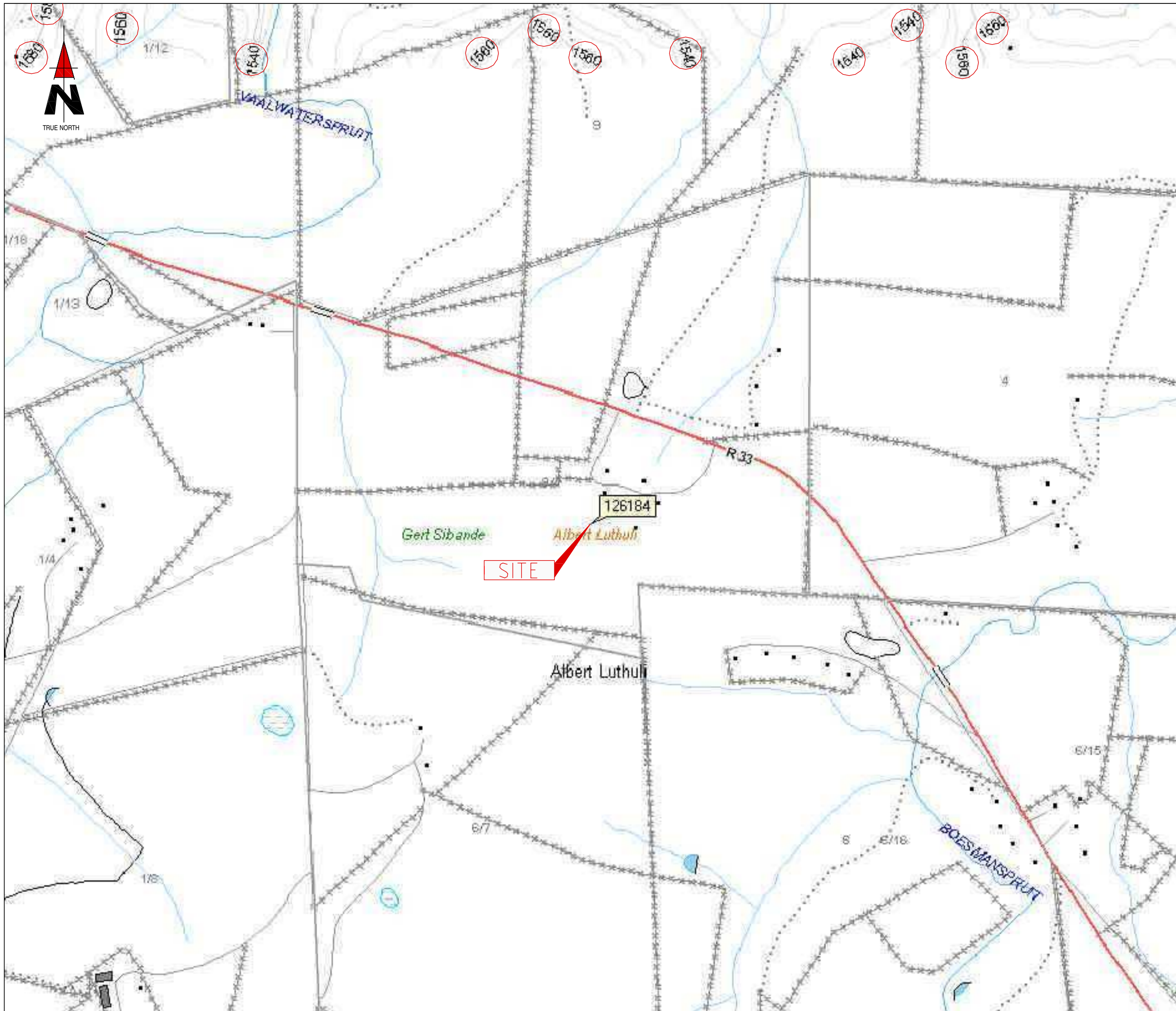
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LEGEND	
AGRICULTURAL	

CURRENT LAND USE
SHEET 4 OF 9



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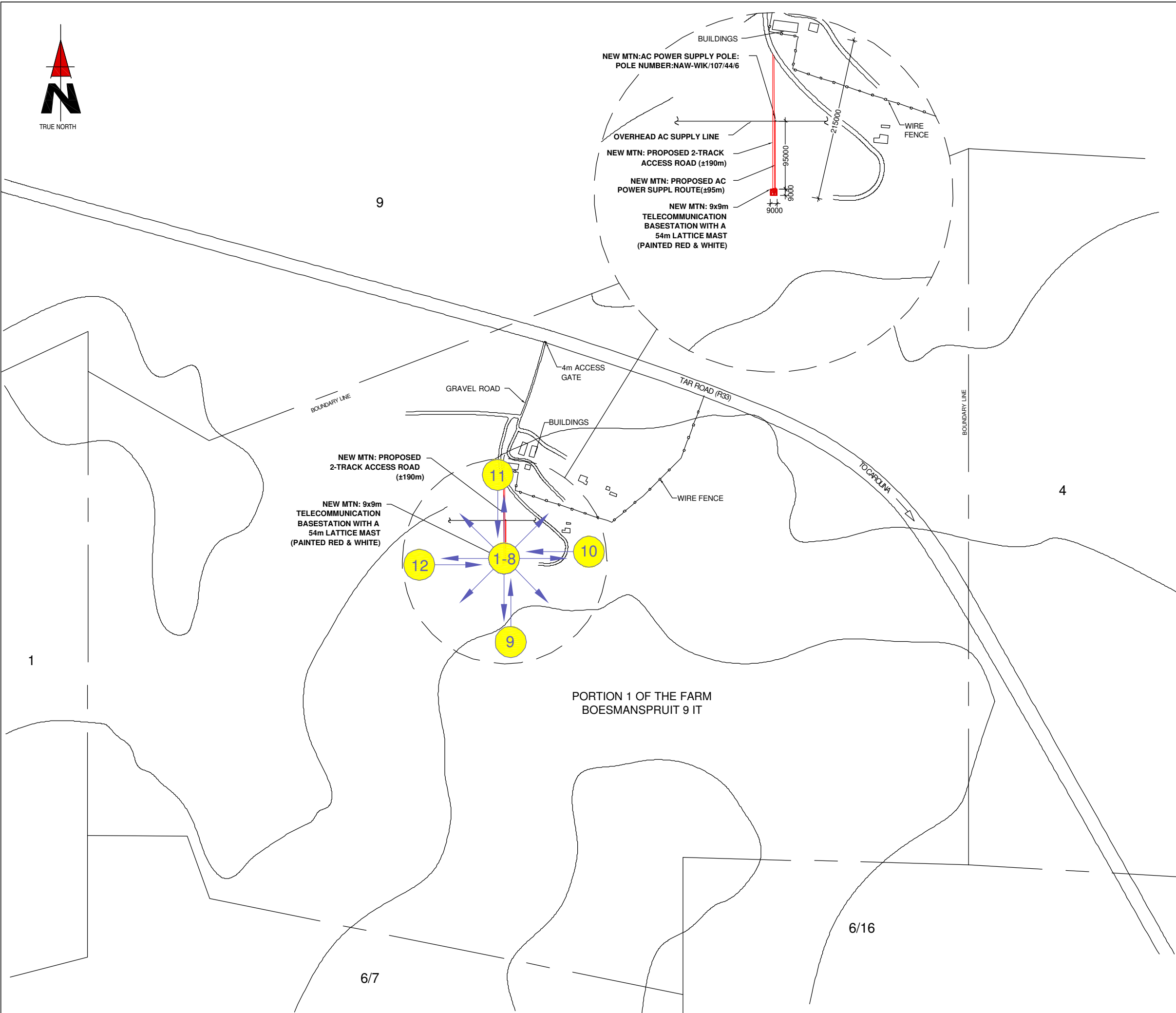
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CONTOUR INTERVAL
SHEET 5 OF 9

Appendix B: Site Photographs



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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 base station position direction North



10. View on base station position direction East

SITE PHOTOGRAPHS



11. View on base station position direction South



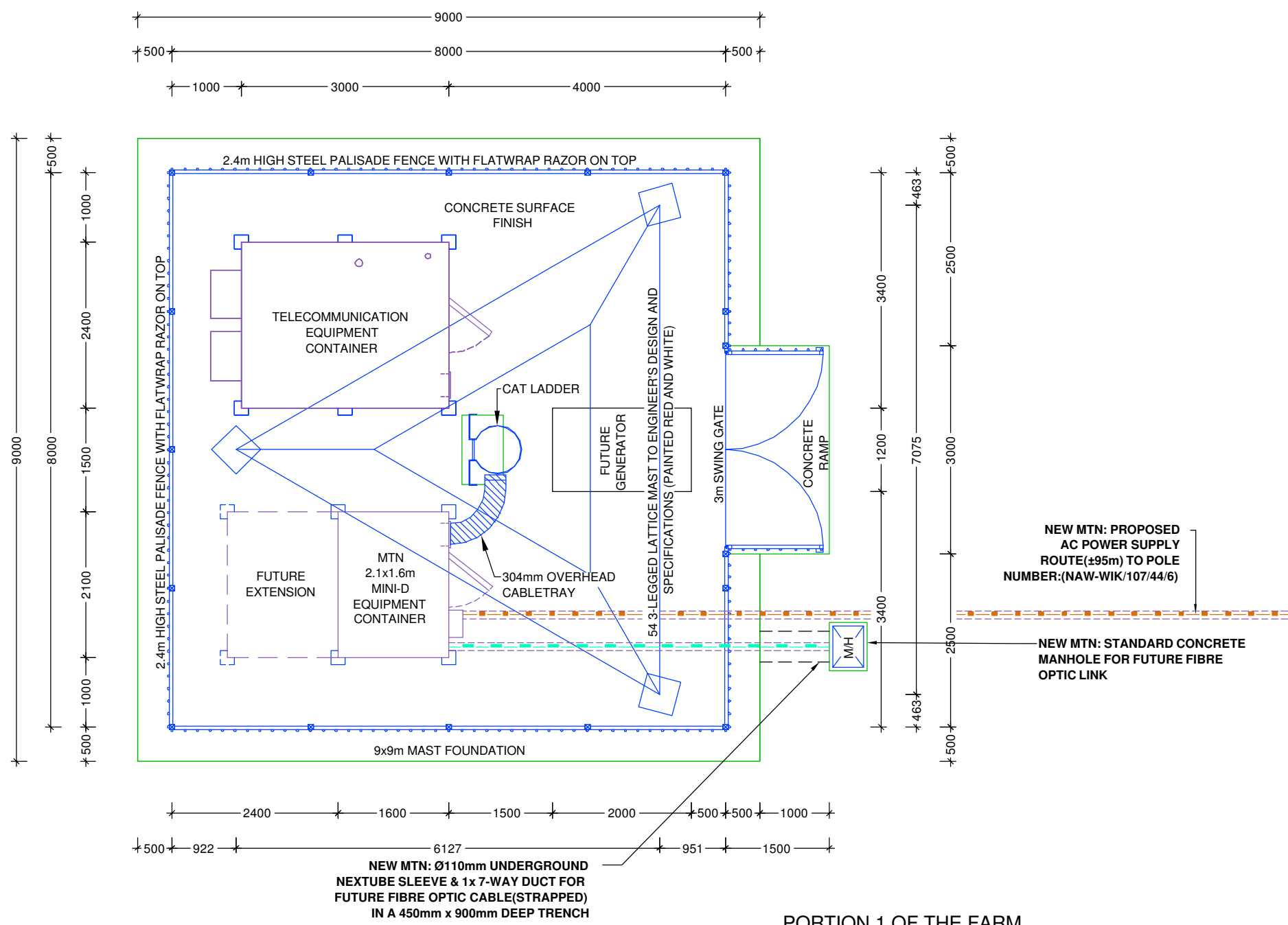
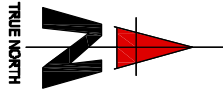
12. View on base station position direction West

SITE PHOTOGRAPHS



13. General view on site establishment area

Appendix C: Facility Illustrations



PORTION 1 OF THE FARM
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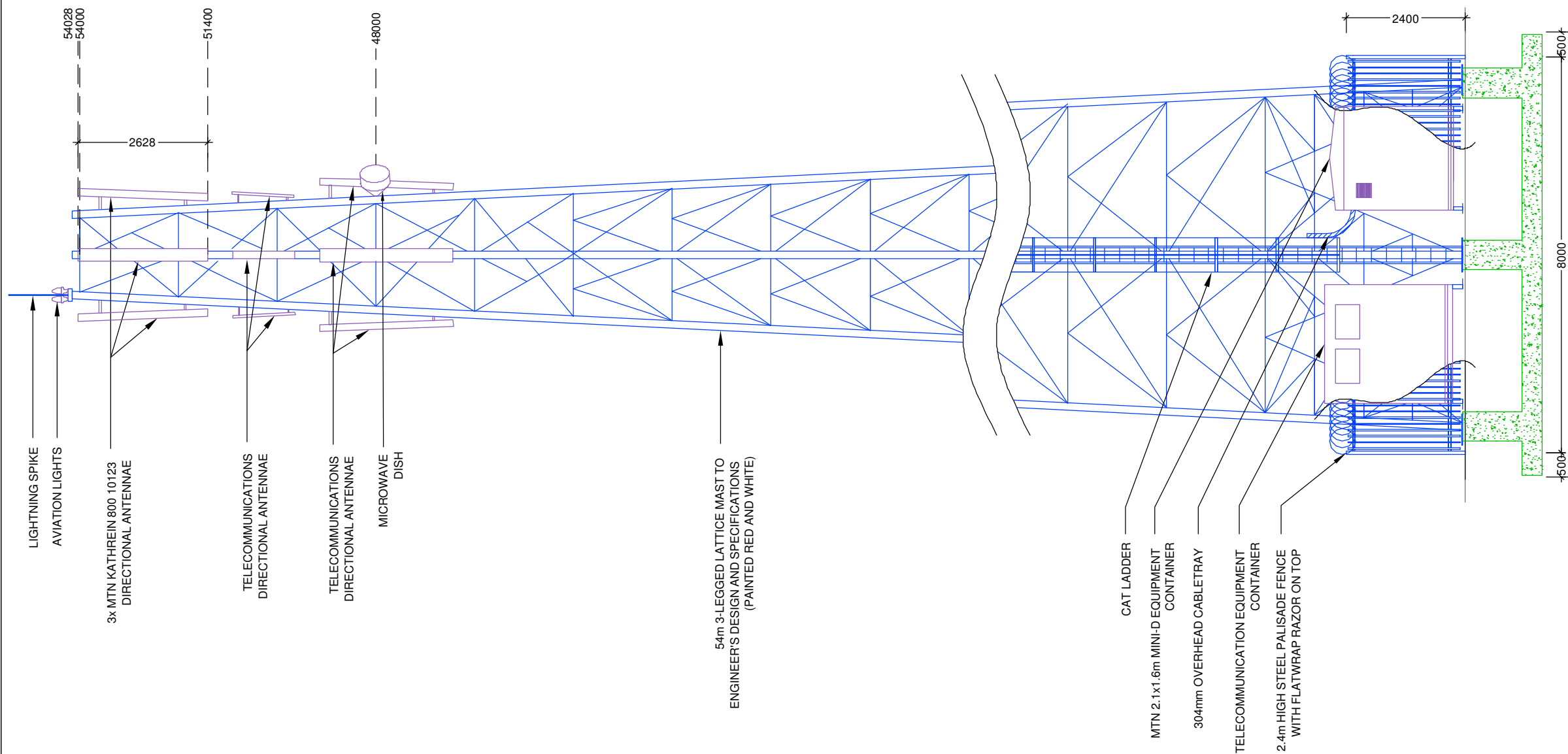
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SITE DETAIL
SHEET 7 OF 9

MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K80010123	51.4			7/8"	± 56.4
2	120°	K80010123	51.4			7/8"	± 56.4
3	240°	K80010123	51.4			7/8"	± 56.4



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WEST ELEVATION
SHEET 8 OF 9



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FACILITY ILLUSTRATION
SHEET 9 OF 9



TYPICAL 3-LEGGED LATTICE MAST
(PAINTED RED & WHITE)

Appendix D: Specialist Reports – Not Applicable

Appendix E: Comments and responses report

Interested & Affected Parties Register / Comments and Responses Report

Site number:
Site Name:
EIA reference no.:

T8949
Boesmanspruit Farm
17/2/3/GS-81

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	16/02/2012	The Municipal Manager	Albert Luthuli Local Municipality, Environmental Management Section, PO Box 24, Carolina, 1185	Mr VN Mpila, Fax: 0178434001	NA	Auto I&AP	No comments received	Sent Draft BAR Sent copy of Final BAR.
2	16/02/2012	The Ward Councillor	The Ward Councillor, Albert Luthuli Local Municipality, Ward 21, PO Box 24, Carolina, 1185	Clr ML Thete, Fax: 0178434001	NA	Auto I&AP	No comments received	Sent Draft BAR Sent copy of Final BAR.
3	16/02/2012	The District Municipality	The Municipal Manager, Gert Sibande District Municipality, PO Box 1748, Ermelo, 2350	Mr MA Ngcobo, Fax: 0178111207	NA	Auto I&AP	No comments received	Sent Draft BAR Sent copy of Final BAR.
4	29/02/2012	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	public notice	Auto I&AP	No Archaeological Impact Assessment required for the 9x9m footprint site and no AIA required for the 190m 2 track access road.	Sent Draft BAR Sent copy of Final BAR.
5	16/02/2012	SACAA	Private Bag x73, Halfway House 1685	Tel: (011) 545 1000 Fax: (011) 545 1451	NA	Auto I&AP	Received approval with day & night markings required.	Paint mast red & white and install red navigation lights on top as according to CAA approval.
6	16/02/2012	Landowner	Robert Ernest Benson, PO Box 1316, Carolina, 1185	Mr Bertie Benson, Cell: 0832593629, Bertie.benson@vodamail.co.za	Lease Negotiations	Land Owner	Signed Lease	Sent Draft BAR Sent copy of Final BAR.



**SOUTH AFRICAN HERITAGE
RESOURCES AGENCY**

111 HARRINGTON STREET, CAPE TOWN, 8000
PO BOX 4637, CAPE TOWN, 8000
TEL: (021) 462 4502 FAX: (021) 462 4509

DATE: 13 March 2012
ENQUIRIES: Mr. Phillip Hine
Archaeology, Palaeontology and Meteorite Unit
E-mail: phine@sahra.org.za
Web site: www.sahra.org.za

YOUR REF: T8949/17/2/3/GS-81
OUR REF: 9/2/242/0018

Ms. Monica Niehof
Torbious Solutions CC
P.O. Box 32017
Totiusdal
0134

Dear Madam,

NOTIFICATION 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), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD. TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 IT

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

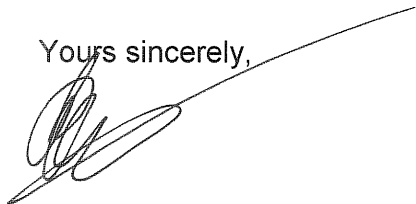
In terms of the National Heritage Resources Act, no 25 of 1999, heritage resources, including archaeological or palaeontological sites over 100 years old, graves older than 60 years, structures older than 60 years are protected. They may not be disturbed without a permit from the relevant heritage resources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

It is noted in your application that the base station will have a footprint of 9m x 9m. As such, an Archaeological Impact Assessment will not be necessary. However, it is not stated in your application whether the project will entail any other activities, such as the construction of access roads etc. Please note that in terms of section 38 (1) linear developments exceeding 300m in length, must be subject to a Heritage Impact Assessment. If the project does not entail the construction of any new roads (or the upgrade of existing), exceeding more than 300m, an Impact Assessment will not be necessary.

The developer must ensure that if the project impacts on fossiliferous rock or bedrock or coastal sediments, a professional Palaeontological Impact Assessment must be conducted and submitted to SAHRA APM Unit for comment.

If any evidence of archaeological sites or artefacts, or other heritage resources are found during construction activities, the SAHRA APM Unit (**Mrs. Colette Scheermeyer, Mr. Phillip Hine, tel: 021-462 4502**), must be alerted immediately, and a professional archaeologist/palaeontologist must be contacted as soon as possible to inspect the findings at the cost of the developer. If the newly discovered heritage resources prove to be of archaeological/palaeontological significance, then a Phase 2 rescue operation might be necessary at the cost of the developer.

Yours sincerely,



pp Mrs. Colette Scheermeyer
SAHRA: Archaeology, Palaeontology and Meteorite Unit
For: CHIEF EXECUTIVE OFFICER

Copies: PHRA Mpumalanga Office

Appendices: www.asapa.org.za for a list of CRM archaeologists
List of Palaeontologist

Appendix F: EMPR



Environmental Management Plan (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-81

Portion 1 of the farm Boesmanspruit 9 IT

T8949

28 May 2012-05-28

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-81

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EXECUTIVE SUMMARY

The proponent, MTN (Pty) Ltd, intends *The establishment of a 54m high telecommunication lattice mast painted red & white with base station – T8949 Boesmanspruit Farm – on Portion 1 of the farm Boesmanspruit 9 IT*

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

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

1 INTRODUCTION

1.1 Background and Brief Project Description

The proposed project involves *The establishment of a 54m high telecommunication lattice mast painted red & white with base station – T8949 Boesmanspruit Farm – on Portion 1 of the farm Boesmanspruit 9 IT*

Torbiose Solutions CC was appointed to compile the Environmental Management Program in respect of the proposed project.

1.1.1 Aims of the EMPR

The purpose of the EMPR is to set environmental targets for the Contractor and reasonable standards against which the Contractor's performance in this regard can be measured during construction. This document will form the basis for the environmental specifications that the 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 plan. This person is therefore responsible for the environmental issues involved with the construction phase of the project. The ESA will be required to oversee a number of sites at any given time and is required to manage his/her time effectively to ensure that he/she fulfils his/her environmental obligations in respect of all sites.

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

Upon failure by the Contractor and/or his employees to show adequate consideration to the environmental aspects of this 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 & white** in accordance with that stated in ROD/EA *and in accordance with Civil Aviation Authority requirements.*

3.15 Complaints Register

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

3.16 Site Rehabilitation and Landscaping

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

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

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

4 ENVIRONMENTAL SPECIFICATIONS: OPERATIONAL PHASE

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

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

4.1.1 Maintenance

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

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

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

5 ENVIRONMENTAL SPECIFICATIONS: DECOMMISSIONING PHASE

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

The Applicant will be responsible for the following:

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

5.1.1 Procedure

Procedure to be followed when decommissioning a BTS site.

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

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

Slab and Concrete Work

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

Tower

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

Feeder System

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

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

Fencing and Guardrails

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

Container

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

Site Rehabilitation

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

Dumping

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

Records

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

6 EMERGENCY RESPONSE PLAN

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

6.1 Typical remedial work options

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

Observation or Event	Action by ESA	Action by Contractor
Spillage of diesel or hydrocarbons on soil	<p>Report to ESA and continue observations.</p> <p>Also check:</p> <ul style="list-style-type: none"> ➤ That the source causing the spillage is decommissioned, and that the affected area is isolated to prevent spreading of the hazardous substance 	<p>Action will be required asap by following the next steps:</p> <ul style="list-style-type: none"> ➤ Dig down into the soil to see how far down the pollution has penetrated; ➤ If penetration is less than 300mm: <ol style="list-style-type: none"> a. Turn the soil over to expose it to the air; b. Apply Mono Ammonium Phosphate (MAP) at a rate of 58gr/m² to the dug up soil c. Water enough to keep the soil moist ➤ If penetration is greater than 300mm: <ol style="list-style-type: none"> a. Remove the affected soil and spread in a layer not more than 300mm thick; b. Apply MAP at a rate of 50gr/m² c. Water enough to keep the soil moist ➤ Repeat the above steps every 6 weeks or until the soil is clean
General Surface Erosion	<p>Report to ESA and continue observations.</p> <p>Also check:</p> <ul style="list-style-type: none"> ➤ 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. 	<p>Action will be required asap:</p> <ul style="list-style-type: none"> ➤ 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 entrance



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

Proof of Site Notice



Site Notice 1 affixed to temporary stand next to entrance



Site Notice 2 affixed to Temporary stand next to gate.

Proof of Site Notice



Site Notice 2 affixed to Temporary stand next to gate.



Site Notice 2 affixed to Temporary stand next to gate.

Proof of Site Notice



Site Notice 3 affixed to temporary stand on corner of R33 and Road to Naudesbank



Site Notice 3 affixed to temporary stand on corner of R33 and Road to Naudesbank

Proof of Site Notice



**Site Notice 3 affixed to temporary stand on corner of R33
and Road to Naudesbank**

G1(b) – Proof of Written Notices

REGISTERED LETTER
GEREGISTREERDE BRIEF

(with an insurance option/met 'n versekeringsopsie)

7603
18949  Post Office

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan:

The Executive Officer
South African Heritage Resources Agency
P.O. Box 4637
Cape Town 81000 Postcode
Poskode

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

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

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

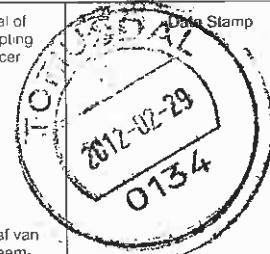
Insured value of contents

Versekerde waarde van inhoud R _____ c

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

Initial of
accepting
officer

Date Stamp



Affix Track and Trace
REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0860 111 502 www.sapo.co.za
RD 538 940 545 ZA

CUSTOMER COPY 301028R
SAPO11010111

Paraaf van
aaneem-
beampte

Datumstempel

181201

<p>Date stamp of delivery</p> <div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; margin: 0 auto;"></div> <p>Datumstempel van aflewering</p>	<p>REGISTERED LETTER GEREGISTREERDE BRIEF</p> <p>No <u>T8949</u> Post Office</p> <p>(with an insurance option/met 'n verskeringsopsie)</p> <p>Addressed to/Geadresseer aan</p> <p><u>Y B Trust</u></p> <p><u>P.O Box 285</u></p> <p><u>Nelspruit</u></p> <p>Postcode Poskode <u>1200</u></p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">FINAL/FINAAL</p> <p>Signature of recipient Handtekening van ontvanger</p> <p>REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za</small></p> <p>RD 604 397 235 ZA</p> <p>CUSTOMER COPY 301028R</p>	<p>Date stamp of delivery</p> <div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; margin: 0 auto;"></div> <p>Datumstempel van aflewering</p> <p>Initial of receiving officer Paraaf van ontvangsbeampte</p>
<p>Initial of delivery officer Paraaf van aflewingsbeampte</p>		<p>Initial of receiving officer Paraaf van ontvangsbeampte</p>
<p>Official proof of identification essential Amptelike bewys van identifikasie noodsaaklik</p>		<p>Please collect at Haal asseblief af by _____ Post Office, counter No Postkantoor, toonbanknr _____</p> <p>within 30 days of date received at delivery office/ binne 30 dae vanaf datum ontvang by aflewingskantoor</p>
		701282

Masqharne Printers & Stationery

<p>Date stamp of delivery</p> <div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; margin: 0 auto;"></div> <p>Datumstempel van aflewering</p>	<p>REGISTERED LETTER GEREGISTREERDE BRIEF</p> <p>No <u>T8949</u> Post Office</p> <p>(with an insurance option/met 'n verskeringsopsie)</p> <p>Addressed to/Geadresseer aan</p> <p><u>C.M.J Papenfus</u></p> <p><u>P.O Box 71</u></p> <p><u>Caroling</u></p> <p>Postcode Poskode <u>1185</u></p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">FINAL/FINAAL</p> <p>Signature of recipient Handtekening van ontvanger</p> <p>REGISTERED LETTER <small>(with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za</small></p> <p>RD 604 397 221 ZA</p> <p>CUSTOMER COPY 301028R</p>	<p>Date stamp of delivery</p> <div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; margin: 0 auto;"></div> <p>Datumstempel van aflewering</p> <p>Initial of receiving officer Paraaf van ontvangsbeampte</p>
<p>Initial of delivery officer Paraaf van aflewingsbeampte</p>		<p>Initial of receiving officer Paraaf van ontvangsbeampte</p>
<p>Official proof of identification essential Amptelike bewys van identifikasie noodsaaklik</p>		<p>Please collect at Haal asseblief af by _____ Post Office, counter No Postkantoor, toonbanknr _____</p> <p>within 30 days of date received at delivery office/ binne 30 dae vanaf datum ontvang by aflewingskantoor</p>
		701282

Date stamp of delivery 	REGISTERED LETTER GEREGISTREERDE BRIEF (with an insurance option/met 'n verskeringsopsie) No <u>T8949</u>	Date stamp of delivery
Datumstempel van aflewering	Addressed to/Geadresseer aan <u>Mr. C.M.J Popenfus</u> <u>P.O Box 71</u> <u>Carolina</u>	Datumstempel van aflewering
Initial of delivery officer Paraaf van aflewingsbeampte	Postcode <u>1185</u> Poskode	Initial of receiving officer Paraaf van ontvangsbeampte
Official proof of identification essential Amptelike bewys van identifikasie noodsaaklik		Please collect at Haal asseblief af by _____ Post Office, counter No within 30 days of date received at delivery office/ binne 30 dae vanaf datum ontvang by aflewingskantoor
		701282

Masiqhame Printers & Stationery

Date stamp of delivery 	REGISTERED LETTER GEREGISTREERDE BRIEF (with an insurance option/met 'n verskeringsopsie) No <u>T8949</u>	Date stamp of delivery
Datumstempel van aflewering	Addressed to/Geadresseer aan <u>E.J.H Raux Trust</u> <u>P.O Box 116</u> <u>Carolina</u>	Datumstempel van aflewering
Initial of delivery officer Paraaf van aflewingsbeampte	Postcode <u>1185</u> Poskode	Initial of receiving officer Paraaf van ontvangsbeampte
Official proof of identification essential Amptelike bewys van identifikasie noodsaaklik		Please collect at Haal asseblief af by _____ Post Office, counter No within 30 days of date received at delivery office/ binne 30 dae vanaf datum ontvang by aflewingskantoor
		701282

Masiqhame Printers & Stationery

Date stamp of delivery 	REGISTERED LETTER GEREGISTREERDE BRIEF (with an insurance option/met 'n verskeringsopsie) No <u>T8949</u>	Date stamp of delivery
Datumstempel van aflewering	Addressed to/Geadresseer aan <u>National Government of the</u> <u>Republic of South Africa</u> <u>Private Bag x3</u> <u>Braamfontein</u>	Datumstempel van aflewering
Initial of delivery officer Paraaf van aflewingsbeampte	Postcode <u>2017</u> Poskode	Initial of receiving officer Paraaf van ontvangsbeampte
Official proof of identification essential Amptelike bewys van identifikasie noodsaaklik		Please collect at Haal asseblief af by _____ Post Office, counter No within 30 days of date received at delivery office/ binne 30 dae vanaf datum ontvang by aflewingskantoor
		701282

Masiqhame Printers & Stationery

Our Reference:
T8949 / 17/2/3/GS-81

Your Reference:



The Municipal Manager
Albert Luthuli Local Municipality
P O Box 24
Carolina
1185

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

Attention: Mr V N Mpila
Environmental Management Section

414 Rustic Road
Silvertondale, 0184
Pretoria

Facsimile: (017) 843 4001
E-mail:

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

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (gg) IN REGULATION 546: ESTABLISHMENT OF A VODACOM (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 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
0178434001	03-06 14:52	00:14:25	010/010	OK	

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

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

Our Reference:
T8949 / 17/2/3/GS-81

Your Reference:

The Municipal Manager
Albert Luthuli Local Municipality
P O Box 24
Carolina
1185

Attention: Mr V N Mpile
Environmental Management Section

Facsimile: (017) 843 4001
E-mail:



Reg. No. 2001/080536/23
PO Box 32017, Totterdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Tel: (012) 804 1804/6
Fax: (012) 804 7072
e-mail: admin@torbiouse.com

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) II (gg) IN REGULATION 548: ESTABLISHMENT OF A VODACOM (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 IT.

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

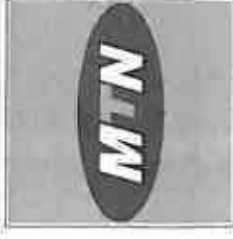
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application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

pp Behr
WA VAN'T POORT
For: Torbiouse Solutions cc

Comments:



1287 Pretoria Street
 Block B, Sandhurst Complex
 Sandhurst, 2022
 Tel: +27 (0) 343 3000
 Fax: +27 (0) 343 8209
 Project Office: 408
 Private Bag 3115
 Midvale Park

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT ERNEST
 OWNER 2: BENSON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 911

COORDINATES
 LAT 26° 01' 09.40" S
 LONG 30° 02' 49.70" E

PROJECT
 NEW 900m TELECOMMUNICATION
 BASE STATION WITH A 50m LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS
 OFF THE R13 NEAR PIETER DE BRUIJNPARK
 BETWEEN HENDRIKA AND CAROLINE
 MPUMALANGA



414 Public Road
 Sandhurst
 2022
 Tel: +27 (0) 343 1504/8
 Fax: +27 (0) 343 7073
 Email: info@ipsafrica.com
 P.O. Box 33077
 Midvale
 2024

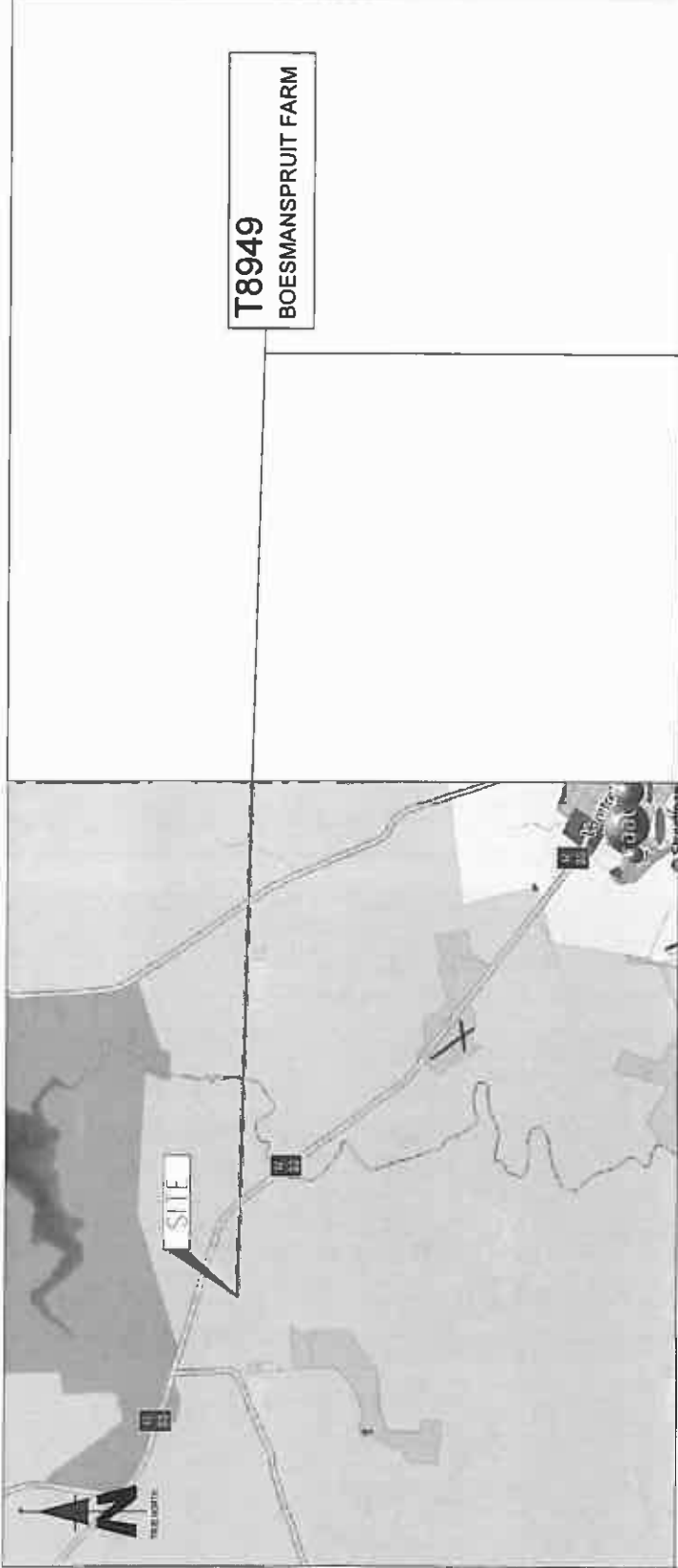
RFD NO
 100061

PROJECT NUMBER
 110049

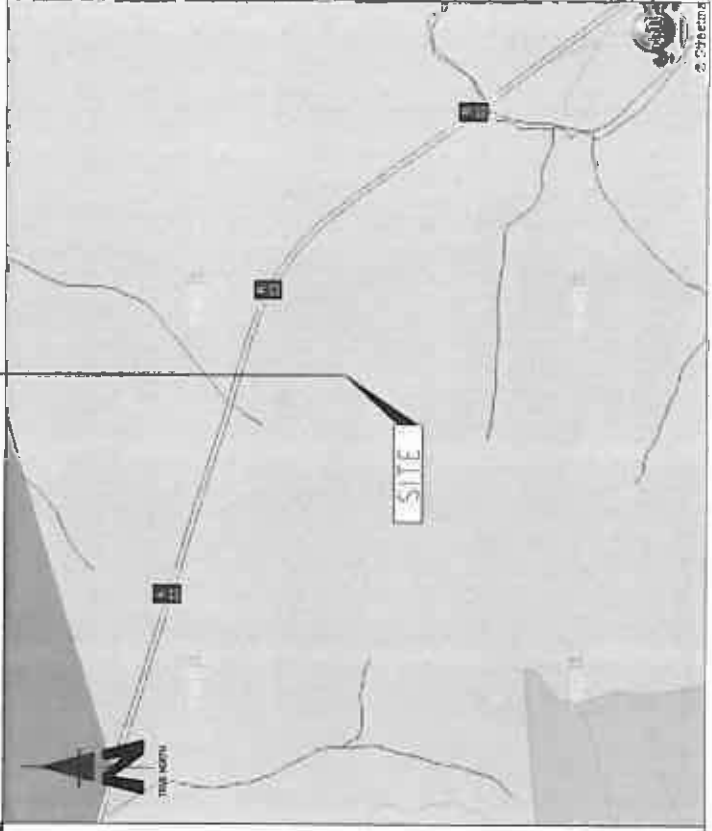
**DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.**
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE
 SPECIFICATIONS (VERSION 1.0) AND
 ISSUE 11 (VERSION 9 NOVEMBER 2007)

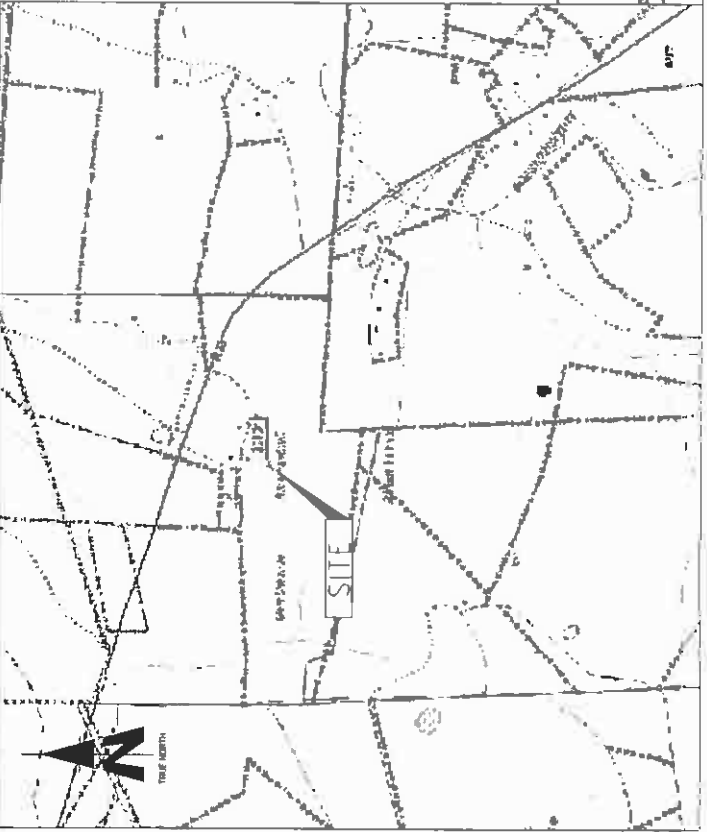
DRAWN MELIBAYOUNG
SCALE NTS
DATE 25/11/2011
REF. NO 61276949

LOCALITY MAP
SHEET 1 OF 9

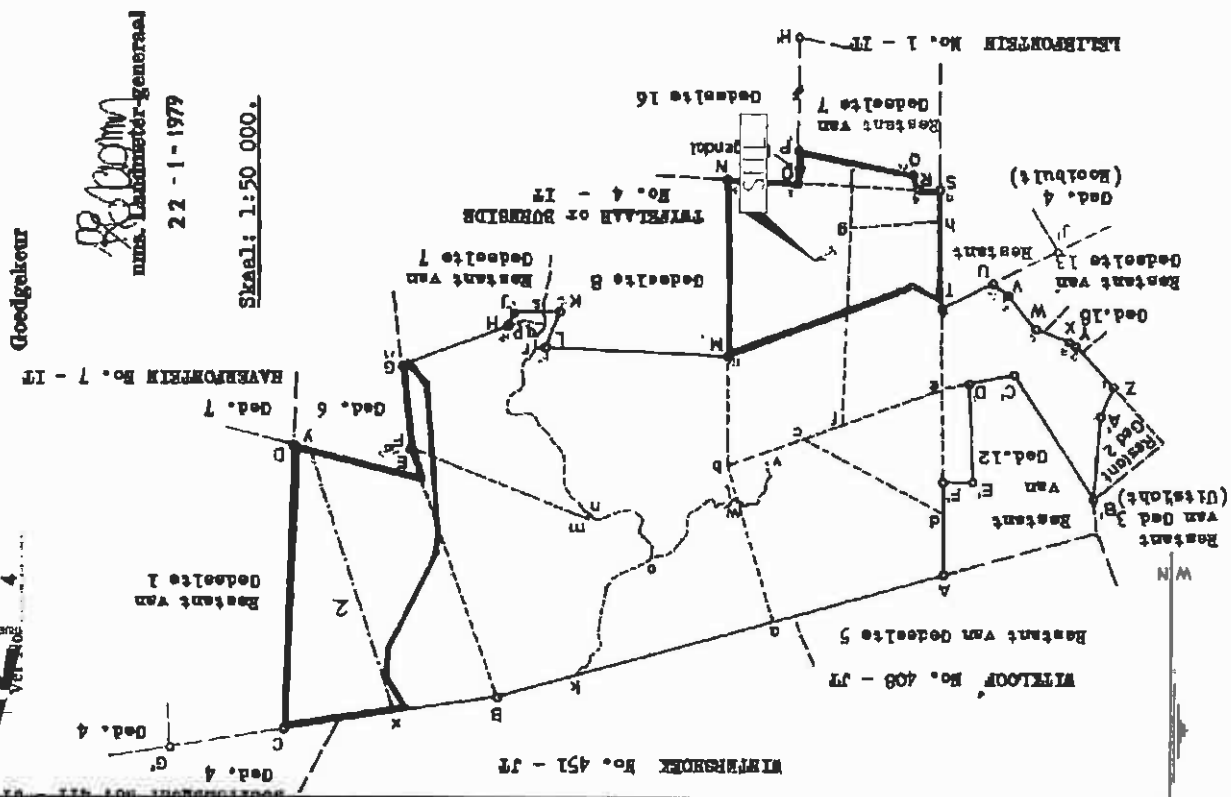


T8949
BOESMANSPRUIT FARM

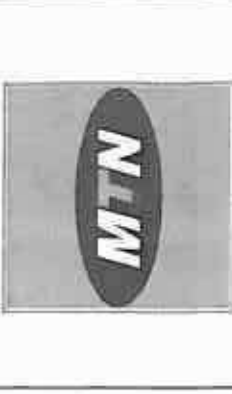




KAART VIR
 CEKONOLIDEERDE TITEL
 L.G. No. A 4653/78
 Goedgakeur



Landmeter
 R. van Heerden
 Opgenstel in Julie 1978 deur my



1287 Pretoria Street
 Suite 2, Midrand Computer
 Tel: +27 (0) 11 200 2000
 Fax: +27 (0) 11 241 0000
 Mobile: 082 900 1000

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT ERNEST
 OWNER 2: BENSON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 9 IT

COORDINATES
 LAT: 28° 01' 09.407 S
 LONG: 30° 02' 48.70 E

PROJECT
 NEW 900m TELECOMMUNICATION
 BASE STATION WITH A 54m LATTICE MAST
 FOR MTN (PTY) LTD.

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUIJPARK,
 BETWEEN HENDRINA AND CAROLINA
 MPUMALANGA



INFRASTRUCTURE
 PLANNING SERVICES

114 Pacific Road
 Suite 201, Midrand
 2014
 Tel: +27 (0) 11 200 1800
 Fax: +27 (0) 11 241 0000
 info@ipsafrica.co.za

PROJECT NUMBER
 150391

1154P

DRAWN: MELISSA YOUNG
 DATE: 25/11/2011

SCALE: 1:50 000

REF NO: 81278949

CADASTRAL INFO
 SHEET 2 OF 9

DRAWN: MELISSA YOUNG
 DATE: 25/11/2011

SCALE: 1:50 000

REF NO: 81278949

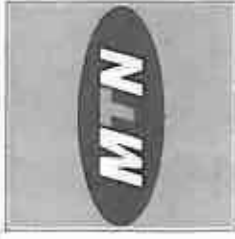
CADASTRAL INFO
 SHEET 2 OF 9

DRAWN: MELISSA YOUNG
 DATE: 25/11/2011

SCALE: 1:50 000

REF NO: 81278949

CADASTRAL INFO
 SHEET 2 OF 9



1287 Pheasant Street
 Block B, Helderberg Campus
 Halfway, 0283
 Tel: +27 (17) 343 2000
 Fax: +27 (17) 343 2008
 Project Site: 48
 Private Bag 215
 Helderberg Park

SITE NAME
BOESMANSFRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT EMMETT
 OWNER 2: BENSON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSFRUIT 9 IT

COORDINATES
 LAT 29° 01' 06.40" S
 LONG 30° 02' 49.70" E

PROJECT
 NEW 900m TELECOMMUNICATION
 BASE STATION WITH A 64m LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUIJPARK
 BETWEEN HENDRIKA AND CAROLINA
 MPUMALANGA



414 Pheliso Road
 Office: 011 443 1111
 Cell: 082 300 1111
 Fax: +27 (11) 804 1072
 Email: info@ipsafrica.co.za
 P.O. Box 20017
 Tlokweng
 0154

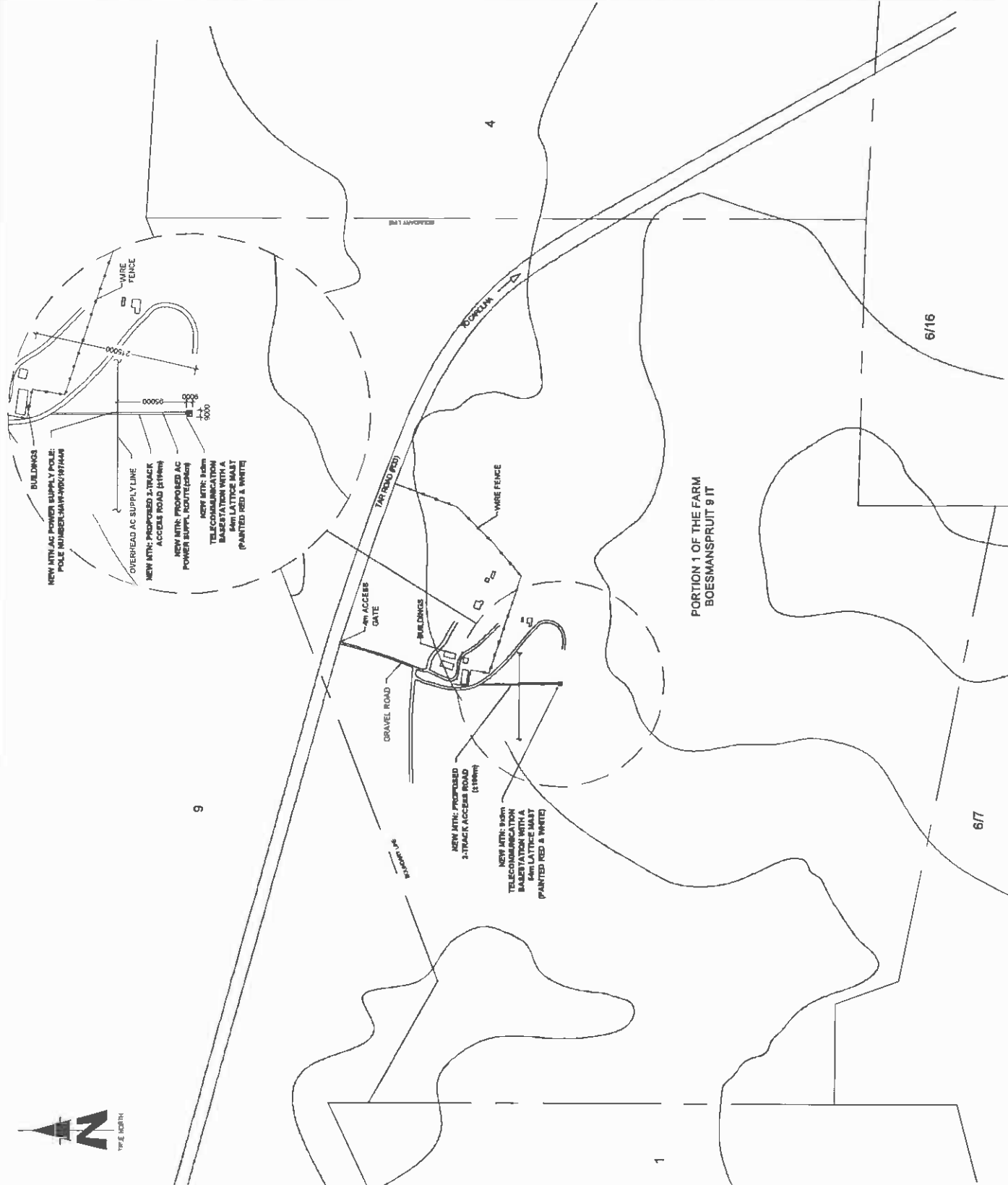
PROJECT NUMBER
 150061
 115048

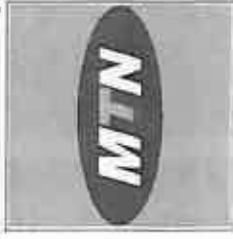
DRAWN MELISSA YOUNG
SCALE 1:8000

DATE 25/11/2011
REF NO 8127849

DISCLAIMER
 DRAWINGS MUST NOT BE SCALED. ONLY PROVIDED DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN 978 SITE
 SPECIFICATIONS FOR THE PROJECT.
 ISSUE 1 (VERSION 1) INCL. 25/11/2011

SITE DEVELOPMENT PLAN
SHEET 3 OF 9





1287 Pretorius Street
 Block B, Hendrina Campus
 Hendrina, 0300
 T: +27 (0) 11 447 3000
 F: +27 (0) 11 447 3001
 Pretorius 144
 Private Bag 215
 Hendrina Post

SITE NAME
 BOESMANSPRUIT FARM

BASE STATION NUMBER
 T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

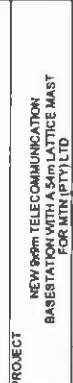
NOTES
 OWNER 1: BENSON ROBERT ERNST
 OWNER 2: BENSON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 9 IT

COORDINATES
 LAT 28° 01' 08.40" S
 LONG 30° 02' 48.70" E

PROJECT
 NEW 900m TELECOMMUNICATION
 BASE STATION WITH 4m LATTICE MAST
 FOR MTN (Pty) Ltd

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUIJNPARK
 BETWEEN HENDRINA AND CARDINA
 MPUMALANGA



414 Pekaia Street
 Johannesburg
 T: +27 (0) 11 404 8048
 F: +27 (0) 11 404 7072
 info@ipsafrica.co.za

REG. NO
 150381

PROJECT NUMBER
 115049

DRAWN MELISSA YOUNG
SCALE 1:6000
DATE 25/11/2011
REF. NO 81278949

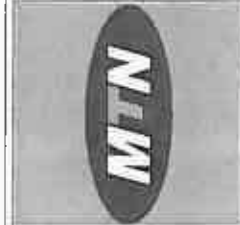
**DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE
 SPECIFICATIONS AND MOUNTING TABLE 1 (REVISION 6 NOVEMBER 2007)**

CURRENT LAND USE
 SHEET 4 OF 9



LEGEND

AGRICULTURAL



287 Pineside Street
 Midvale, Henderson, Nevada
 89121
 Tel: +37 (77) 343 2000
 Fax: +37 (77) 343 2008
 P.O. Box 3297
 Phoenix, Ariz 85008
 USA

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT ERNEST
 OWNER 2: BENSON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 817

COORDINATES
 LAT: 28° 01' 06.40" S
 LONG: 30° 02' 49.70" E

PROJECT
 NEW 900m TELECOMMUNICATION
 BASE STATION WITH A 5m LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS
 OFF THE R33 NEAR PETER DE BRUIJNPARK
 BETWEEN HENDIRINA AND CAROLINA
 MPUMALANGA



**INFRASTRUCTURE
 PLANNING SERVICES**

414 Route, Road
 Midvale, Henderson
 89121
 Tel: +37 (77) 804 15048
 Fax: +37 (77) 804 1012
 P.O. Box 3297
 Phoenix, Ariz 85008
 USA

REG NO
 150081

PROJECT NUMBER
 115049

SCALE
 NTS

DATE
 25/11/2011

REF NO
 81278949

SCALE
 NTS

CONTOUR INTERVAL
 SHEET 5 OF 9

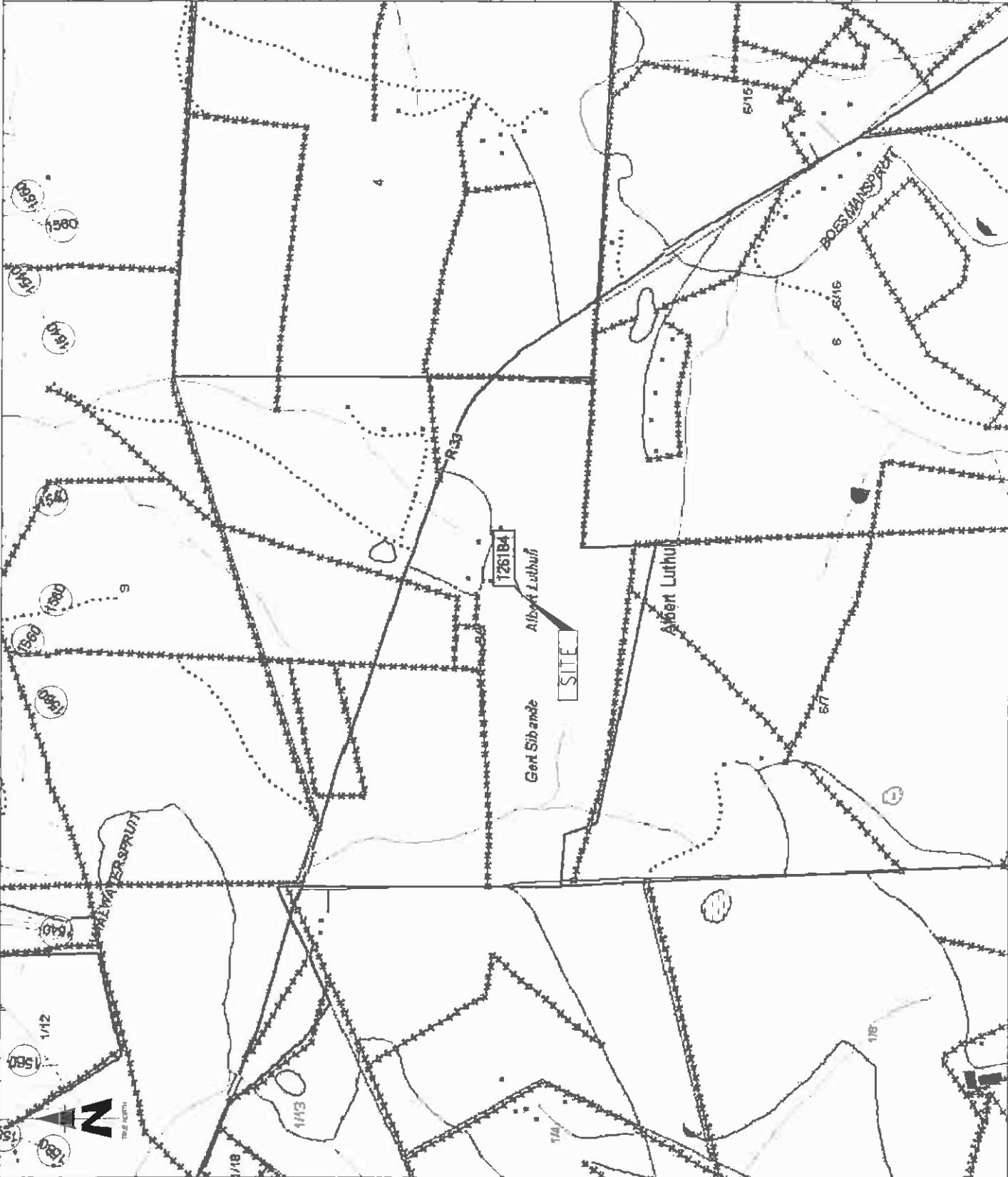
DRAWN
 MELISSA YOUNG

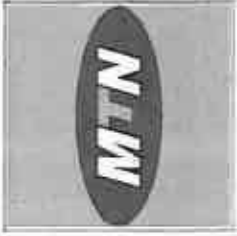
DATE
 25/11/2011

REF NO
 81278949

SCALE
 NTS

CONTOUR INTERVAL
 SHEET 5 OF 9





1207 Pretoria Street
 Block B, Industria Complex
 Hillside, 2025
 Tel: 011 437 3423
 Fax: 011 437 3423
 Pretoria 0001
 Private Bag 215
 Midrand, 2009

BOESMANSPRUIT FARM

BASE STATION NUMBER: **T8949**

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

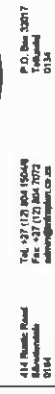
NOTES:
 OWNER 1: BENSON ROBERT PRINCE
 OWNER 2: BENSON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 9 IT

COORDINATES:
 LAT: 28° 01' 04" 40" S
 LONG: 30° 02' 49" 70" E

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

ADDRESS:
 OFF THE R30 NEAR PIETER DE BRUINPARK
 BETWEEN HENDRINA AND CAROLINA
 MIFUMALANGA



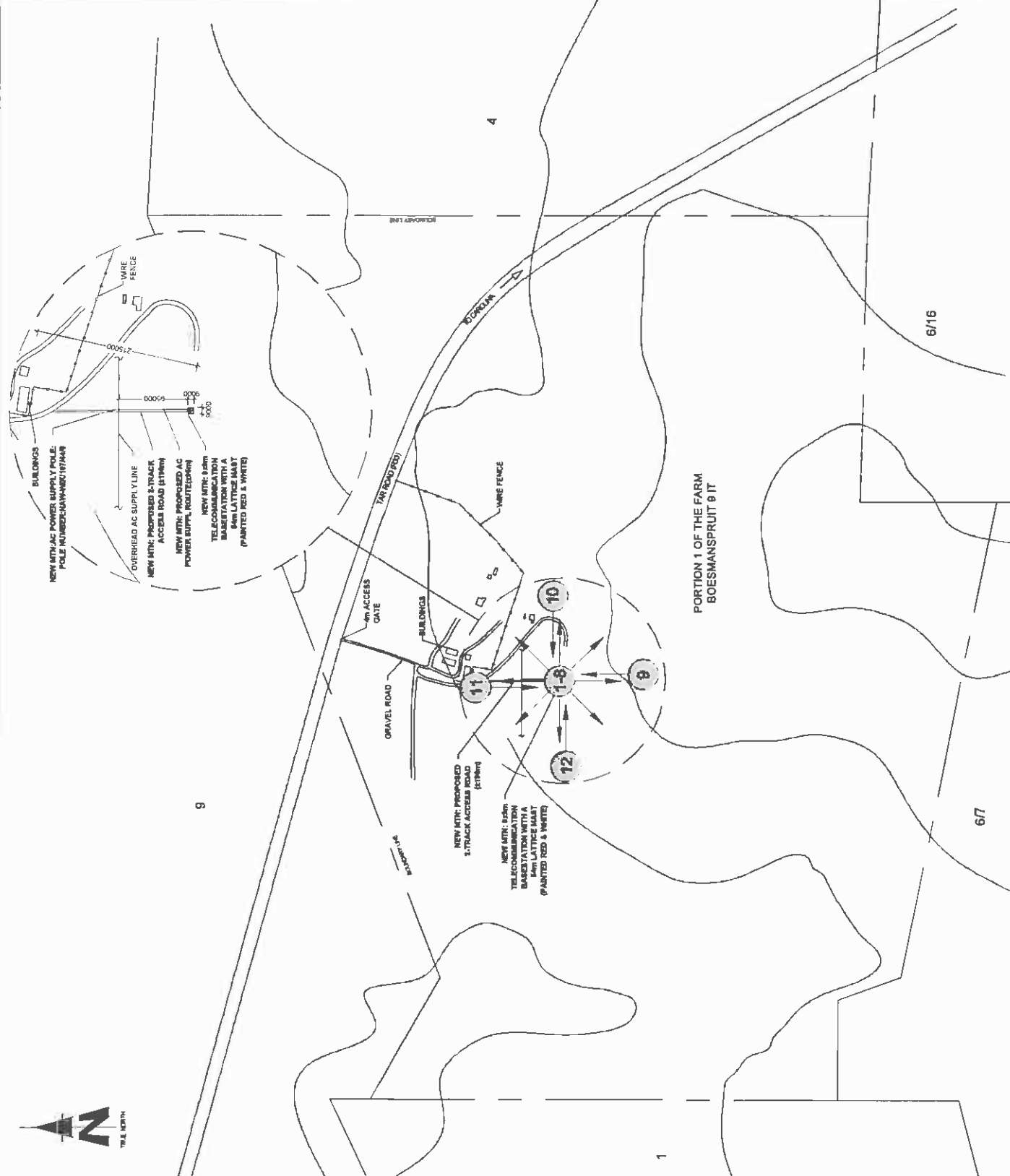
414 Riebeeck Road
 Midrand, 2009
 Tel: +27 (0) 11 784 15049
 Fax: +27 (0) 11 784 7072
 info@ipsi.co.za

RFID NO.: 150061
 PROJECT NUMBER: 115049

CHANGES MUST NOT BE MADE, ONLY REQUIRED DIMENSIONS TO BE
 USED DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE
 PREPARED BY: [Name]
 DATE: 11 NOVEMBER 2007

DRAWN: MELISSA YOUNG
 SCALE: 1:800
 DATE: 25/11/2011
 REF NO: 81278949

SITE PHOTOGRAPHS
 SHEET 6 OF 9



9

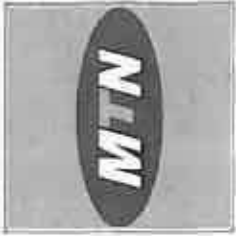
4

6/16

PORTION 1 OF THE FARM
 BOESMANSPRUIT 9 IT

6/7

1



1287 Progress Street
 Block B, Midrand Campus
 Midrand, 2008
 Tel: +27 (0) 21 542 2600
 Fax: +27 (0) 21 542 8506
 Prepared Scale: 1:48
 Project: Bop 2715
 Midrand Park

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT ERNEST
 OWNER 2: BENSON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 917

COORDINATES
 LAT: 28° 01' 06.40" S
 LONG: 30° 02' 49.70" E

PROJECT
 NEW 900m TELECOMMUNICATION
 BASE STATION WITH A 50m LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUINPARK
 BETWEEN HENDRINA AND CAROLINA
 NPUNALANGA



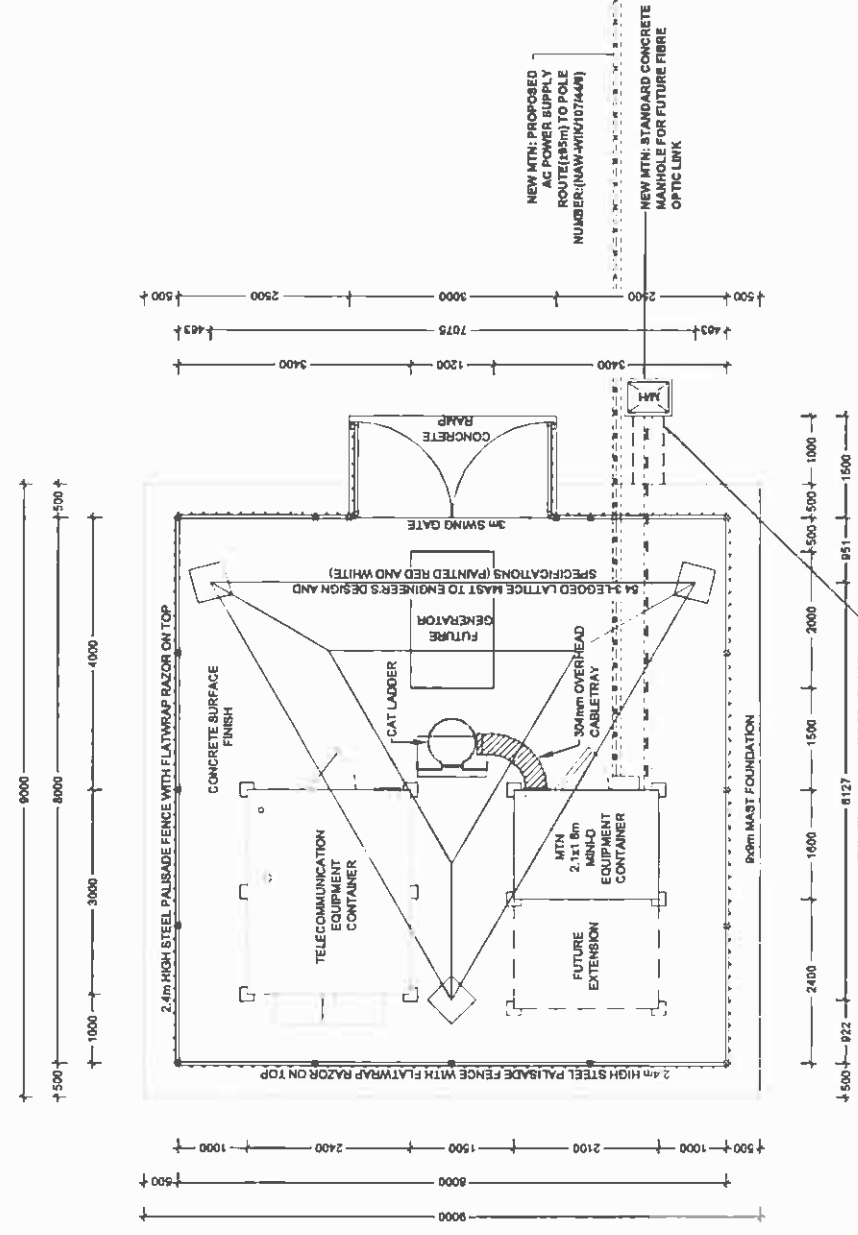
414 Ruimsig Road
 Midrand, 2008
 Tel: +27 (0) 21 5048
 Fax: +27 (0) 21 514
 Email: info@ipinfra.co.za

RFID NO
 150341

PROJECT NUMBER
 115049

SCALE 1:75
 DRAWN: MELISSA YOUNG
 DATE: 25/11/2011
 REF NO: 81278949

SHEET 7 OF 9
SITE DETAIL



PORTION 1 OF THE FARM
BOESMANSPRUIT 917

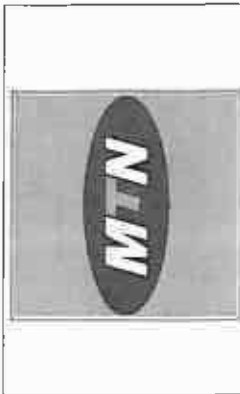
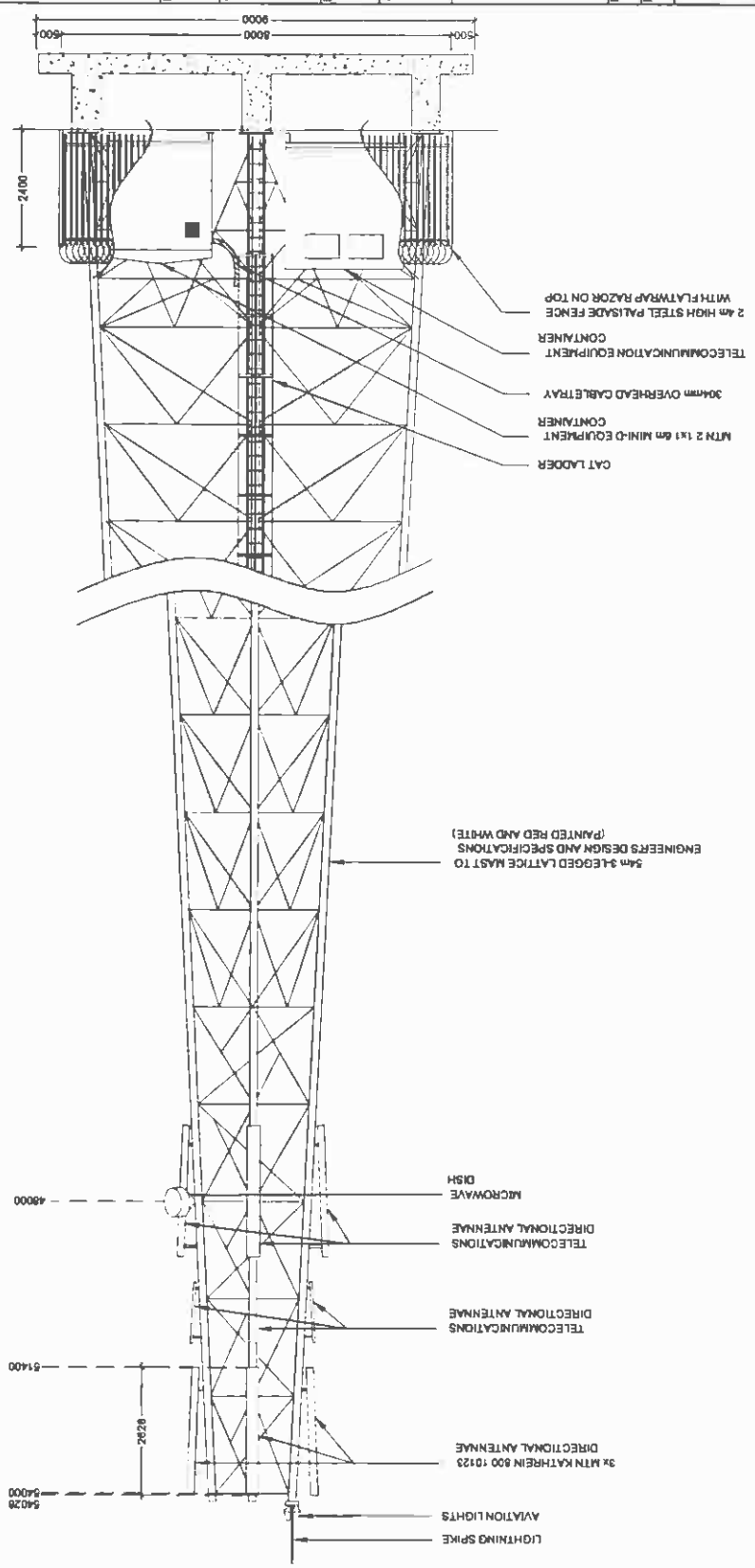
NEW MTN: PROPOSED AC POWER SUPPLY ROUTE (±85m) TO POLE NUMBER: (NAW-MW107448)

NEW MTN: STANDARD CONCRETE MANHOLE FOR FUTURE FIBRE OPTIC LINK

NEW MTN: 910mm UNDERGROUND MIXTURE SLEEVE & 1.87-MAY DUCT FOR FUTURE FIBRE OPTIC CABLE (STRAPPED) IN A 450mm x 900mm DEEP TRENCH

MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K600010123	51.4			7/8"	± 59.4
2	120°	K600010123	51.4			7/8"	± 59.4
3	240°	K600010123	51.4			7/8"	± 59.4



1287 Priesburg Street
 4th Floor
 Market Square
 Johannesburg
 South Africa
 Tel: +27 (0)11 835 2000
 Fax: +27 (0)11 835 2111
 www.mtn.com

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1 BENDON ROBERT ERNEST
 OWNER 2 BENDON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 011

COORDINATES
 LAT: 28° 01' 06.40" S
 LONG: 30° 02' 49.70" E

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

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUIJNPARK
 BETWEEN HENDRINA AND CAROLINA
 IMPUKALANGA



14 Bonte Road
 4th Floor
 Market Square
 Johannesburg
 South Africa
 Tel: +27 (0)11 835 2000
 Fax: +27 (0)11 835 2111
 www.infrastructures.com

PROJECT NUMBER
 150061

DATE
 25/11/2011

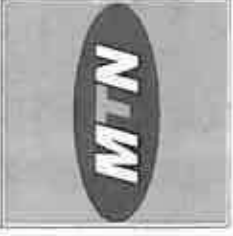
SCALE
 1:100

REF NO
 B12/T8949

DRAWN
 MELISSA YOUNG

WEST ELEVATION
SHEET 8 OF 9

DISCLAIMER
 DRAWINGS MUST NOT BE LOANED, ONLY PROVIDED DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED IN ACCORDANCE TO MTN ETB SITE
 INFRASTRUCTURE SPECIFICATION (REV 1/01)
 SCALE 1: REVISION 9 NOVEMBER 2007



1207 Pekaia Street
 Auckland 1001
 New Zealand
 Tel: +64 (0) 9 482 2800
 Fax: +64 (0) 9 482 0556
 Postal Suite 148
 Private Bag 315
 Auckland 1142

BOESMANSPRUIT FARM

BASE STATION NUMBER **T8949**

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT ERNEST
 OWNER 2: BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 911

COORDINATES
 LAT: 29° 01' 06.40" S
 LONG: 30° 02' 48.70" E

PROJECT
 NEW 99m TELECOMMUNICATION
 BASE STATION WITH A 54m LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUIJPARK
 BETWEEN HENDRINA AND CAROLINA
 IMPUMALANGA



414 Home Road
 11th Floor
 814
 Tel: +27 (0) 800 15049
 Fax: +27 (0) 21 521 7272
 Email: info@ip-services.co.za

P.O. Box 32017
 Sandton
 2146

REF NO:
 150391

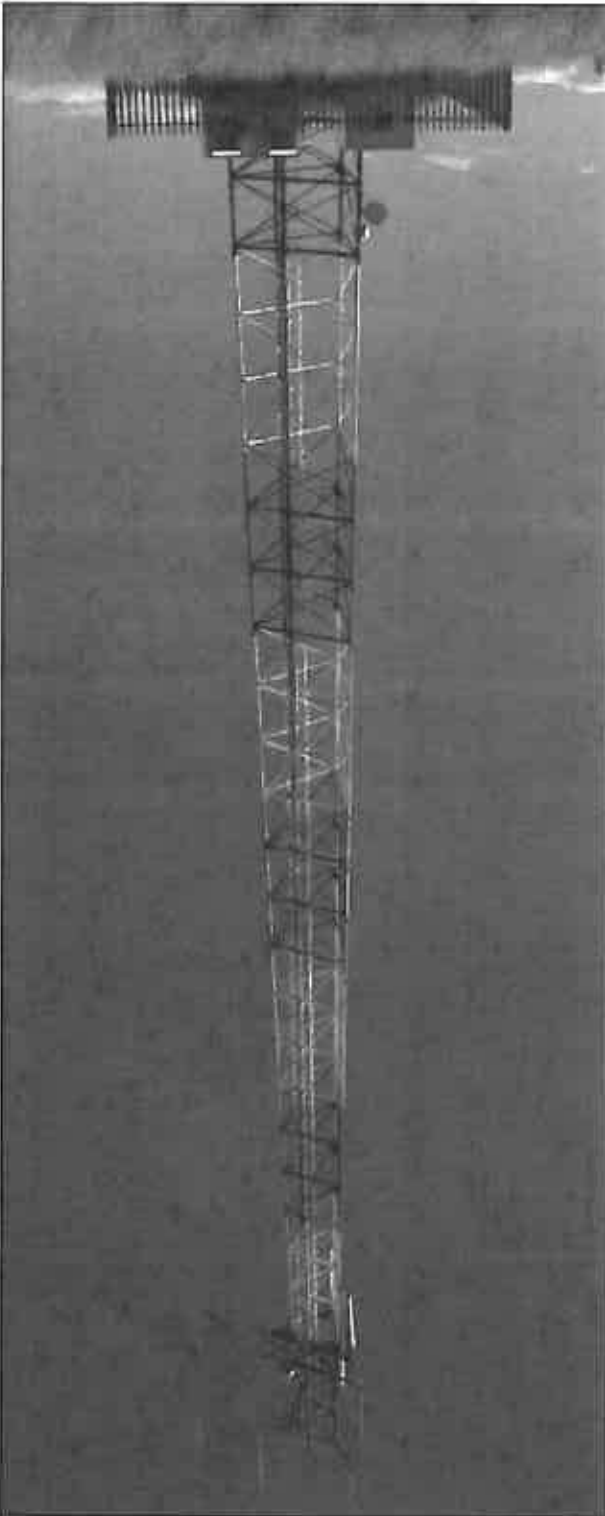
PROJECT NUMBER
 115049

DRAWINGS MUST NOT BE SCALED. ONLY PROVIDED DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE BEFORE COMMENCING TO UTILISE SITE
 INFRASTRUCTURE SPECIFICATION 100/1001
 ISSUE 1 REVISION 9 NOVEMBER 2007

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

SCALE: NTS | REF NO: 6127894P

FACILITY ILLUSTRATION
 SHEET 9 OF 9



TYPICAL 3-LEGGED LATTICE MAST
 (PAINTED RED & WHITE)

Our Reference:
T8949 / 17/2/3/GS-81

Your Reference:



16 February 2012

The Municipal Manager
Gert Sibande District Municipality
P O Box 550
Secunda
2302

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Attention: Mr M A Ngcobo
Environmental Management Section

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

Facsimile: (017) 631 1607

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 (gg) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 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.

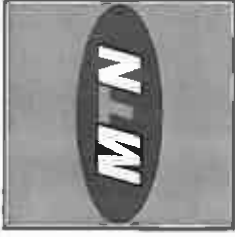
Kind Regards,

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

WA VAN'T FOORT

For: Torbiouse Solutions cc

Comments:



1287 Frederiks Street
Black & White Communications
Hartbeespoort 0183
Tel: +27 (0) 342 2000
Fax: +27 (0) 342 8206
Private Bag 815
Maraisburg

BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
OWNER 1: BENSON ROBERT ERNST
OWNER 2: BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 1 OF THE FARM
BOESMANSPRUIT 917

COORDINATES
LAT 28° 07' 06.40" S
LONG 30° 02' 48.70" E

PROJECT
NEW 900m TELECOMMUNICATION
BASE STATION MAST FOR MTN (Pty) Ltd

ADDRESS
OFF THE R33 NEAR PIETER DE BRUIJPARK,
BETWEEN HENDRIKA AND CAROLINA
MPUMALANGA



414 Pekaia Road
Midrand
Tel: +27 (0) 800 18048
Fax: +27 (0) 800 1072
info@ipsafrica.co.za

P.O. Box 3207
Johannesburg
0151

PROJECT NUMBER
150081

115048

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

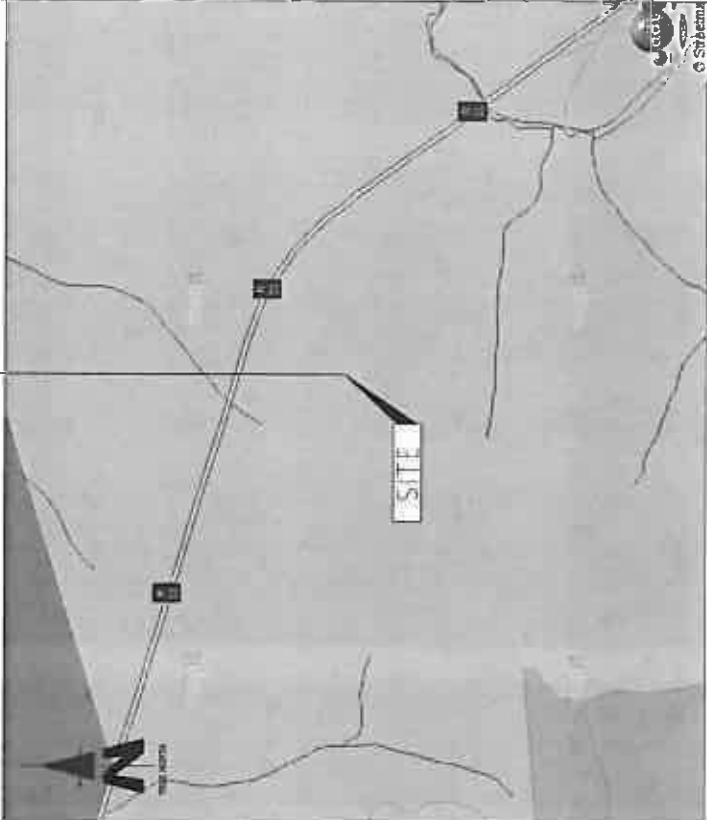
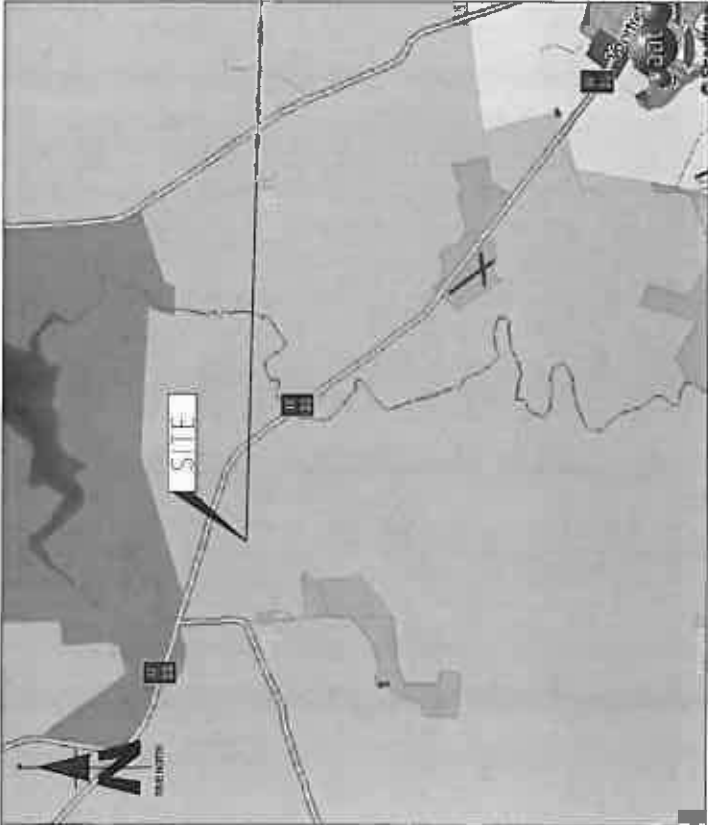
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE
INSTALLATION AND MAINTENANCE
MANUAL 1 (REVISED 6 NOVEMBER 2007)

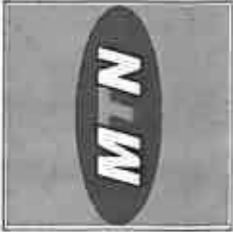
DRAWN: MELISSA YOUNG DATE: 25/11/2011

SCALE: NTS REF. NO: 81278548

LOCALITY MAP
SHEET 1 OF 9

**T8949
BOESMANSPRUIT FARM**





1287 Pretorius Street
 Block 8, Helderberg Country
 Pretoria, 0082
 Tel: +27 (0) 342 2000
 Fax: +27 (0) 342 8208
 Website: www.mtn.com

BOESMANSPRUIT FARM

SITE NAME

BASE STATION NUMBER: **T8949**

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES

OWNER 1: BENSON ROBERT EMMET
 OWNER 2: BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 9 IT

COORDINATES
 LAT: 28° 01' 06.40" S
 LONG: 30° 02' 48.70" E

PROJECT: NEW 900m TELECOMMUNICATION
 BASE STATION WITH A 54m LATTICE MAST
 FOR MTN (PTY) LTD
 ADDRESS: OFF THE R33 NEAR PIETER DE BRUINPARK,
 BETWEEN HEMDRINA AND CAROLINA,
 MPUMALANGA



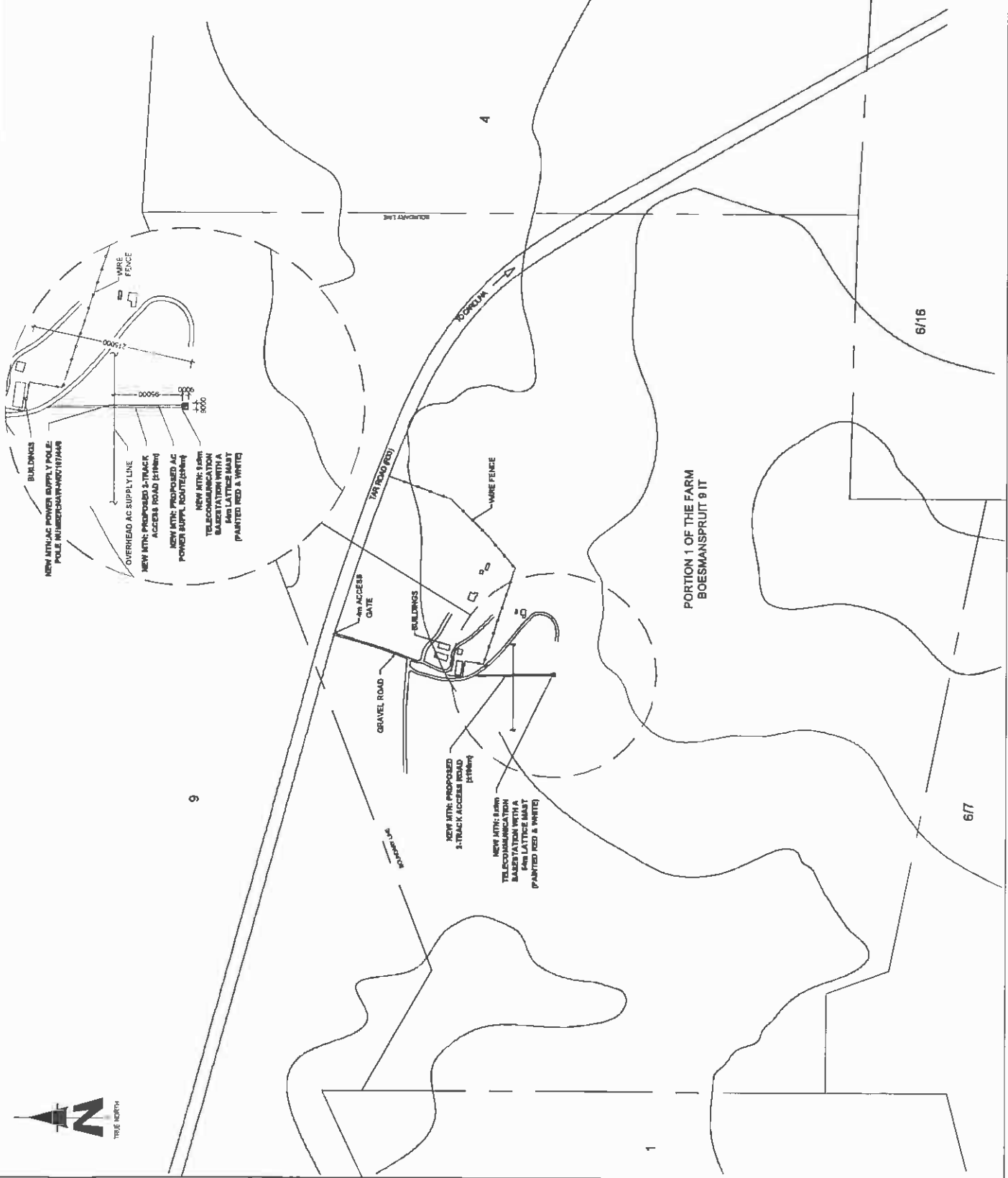
414 Riebeeck Road
 Sandton, 2008
 Tel: +27 (0) 21 504 1804
 Fax: +27 (0) 21 504 7072
 Email: info@ips.co.za

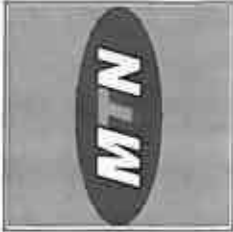
PROJECT NUMBER: 115049

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE IN ACCORDANCE WITH THE SITE
 INFRASTRUCTURE SPECIFICATION AND NOTION
 ISSUE 1 (REVISION 0 NOVEMBER 2007)

DRAWN: MELISSA YOUNG DATE: 25/11/2011
 SCALE: 1:800 REF NO: 81278948

SITE DEVELOPMENT PLAN
SHEET 3 OF 9





1247 Pretorius Street
 Block 8, Helderberg Complex
 Pretoria, 0082
 Tel: +27 (0) 12 342 2800
 Fax: +27 (0) 12 342 4000
 Mobile: Free

BOESMANSPRUIT FARM

BASE STATION NUMBER: T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT EMMET
 OWNER 2: BENSON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 9 IT

COORDINATES
 LAT: 28° 01' 06" 40" S
 LONG: 30° 02' 49" 70" E

PROJECT
 NEW 90cm TELECOMMUNICATION
 BASE STATION WITH A 3m LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUIJNPARK
 BETWEEN HENDRINA AND CAROLINA
 MPUMALANGA



414 Rennie Road
 17th Floor
 Sandton, 2008
 Tel: +27 (0) 21 854 1504/8
 Fax: +27 (0) 21 854 1772
 info@ipsafrica.com

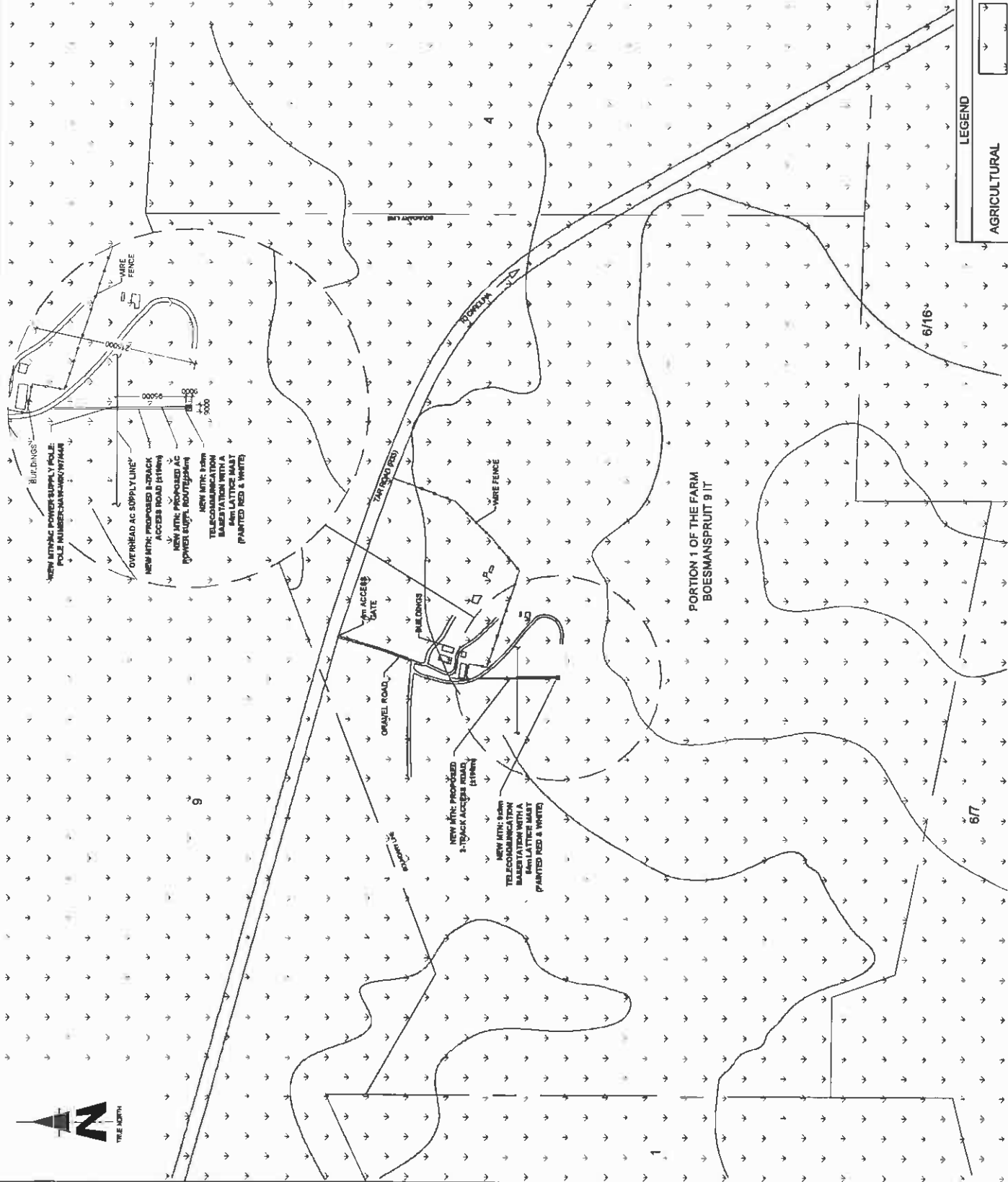
REG NO
 150361

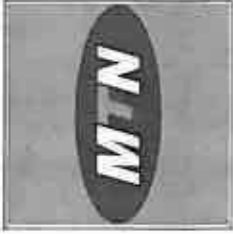
PROJECT NUMBER
 115049

DRAWN: MELISSA YOUNG
 DATE: 25/11/2011
 SCALE: 1:8000

REF: NC 8127849
 CURRENT LAND USE
 SHEET 4 OF 9

LEGEND
 AGRICULTURAL





1287 Pretorius Street
 Block B, Maitland Campus
 Maitland, 6055
 Tel: +27 (0) 343 2000
 Fax: +27 (0) 343 2006
 Pretorius 148
 Private Bag 215
 Maitland, 6055

BOESMANSPRUIT FARM

BASE STATION NUMBER
 T8949

REV	DATE	BY	DESCRIPTION
A	29/1/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT ERNEST
 OWNER 2: BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 9 IT

COORDINATES
 LAT 28° 07' 06.40" S
 LONG 30° 02' 49.70" E

PROJECT
 NEW 900MHz TELECOMMUNICATION
 BASE STATION WITH A 54m LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUIJPARK,
 BETWEEN HENDRIKA AND CAROLINA,
 MPUMALANGA



414 Rennie Road
 Maitland, 6055
 Tel: +27 (0) 343 78949
 Fax: +27 (0) 343 7022
 Email: info@ipsafrica.com

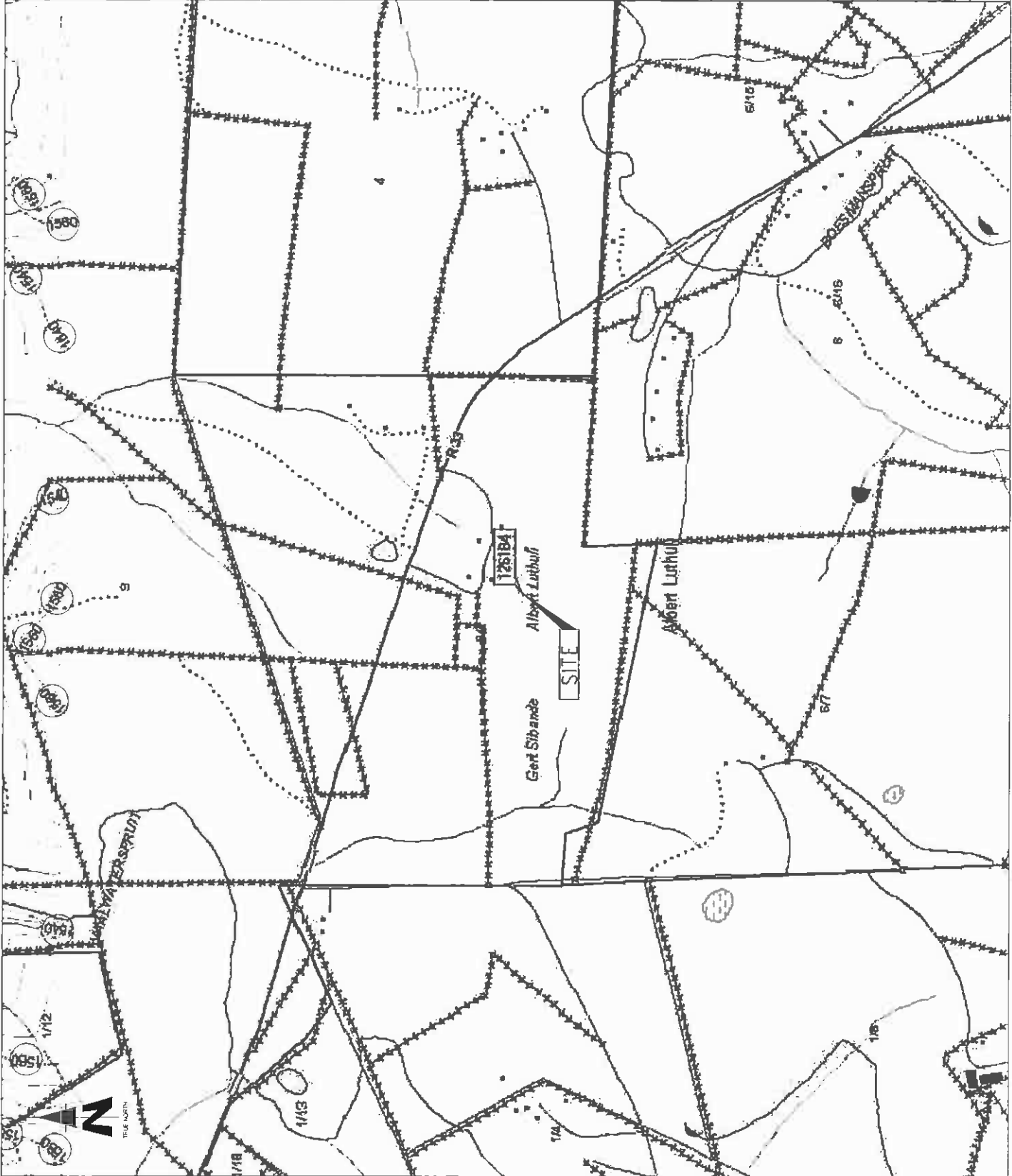
P.O. Box 32077
 Maitland
 6055

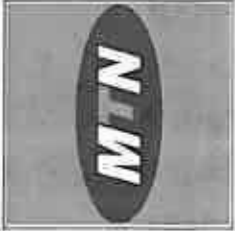
REG NO
 120381

PROJECT NUMBER
 115049

DRAWN: MELISSA YOUNG DATE: 25/1/2011
 SCALE: NTS REF: NO 81278949

CONTOUR INTERVAL
 SHEET 5 OF 9





1267 Pretorius Street
 Block B, Helderberg Complex
 Helderberg, 1601
 Tel: +27 (0) 21 541 2000
 Fax: +27 (0) 21 541 2008
 Pretorius Building 148
 Pretorius Building 215
 Helderberg Park

BOESMANSPRUIT FARM

SITE NAME
 BASE STATION NUMBER T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT ERNEST
 OWNER 2: BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 9 IT

COORDINATES
 LAT 29° 01' 06" 40" S
 LONG 30° 02' 49" 70" E

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

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUIJPARK,
 BETWEEN HENDRINA AND CAROLINA
 MPUMALANGA



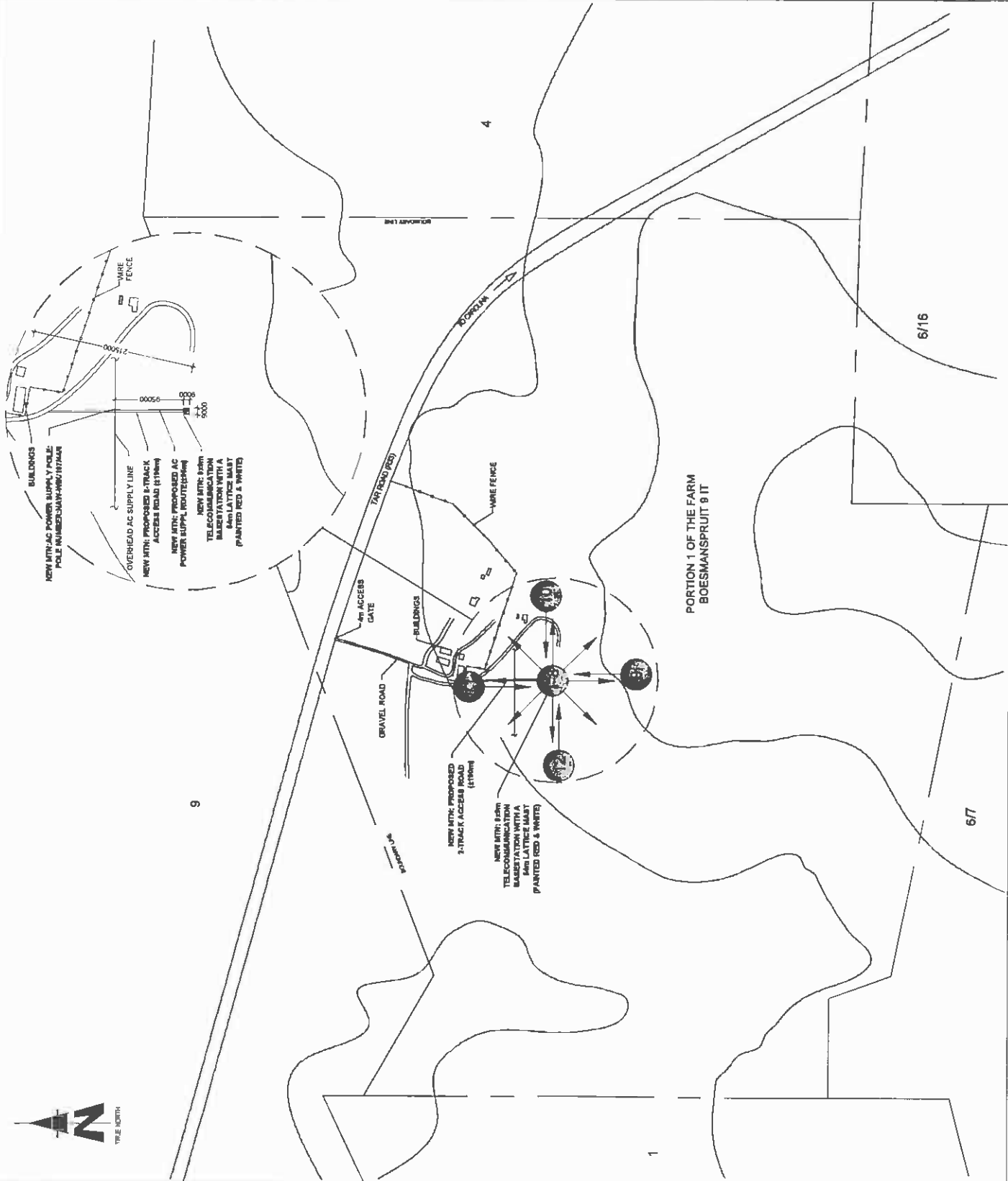
414 Rennie Road
 Johannesburg
 2014
 Tel: +27 (0) 21 904 18048
 Fax: +27 (0) 21 904 1072
 Email: info@ipsafrica.co.za

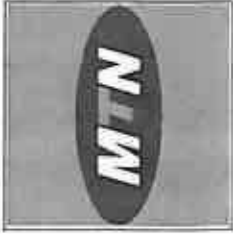
REG NO
 150081
 PROJECT NUMBER
 115048

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE
 LISTED DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE REFERENCED TO THE PROJECT TO THE SITE
 INFRASTRUCTURE SPECIFICATION (REVISED)
 TABLE 1 (REVISION 0) NOVEMBER 2007

DRAWN MELISSA YOUNG DATE 25/11/2011
 SCALE 1:8000 REF NO 81278549

SITE PHOTOGRAPHS
 SHEET 6 OF 9





1367 Pretorius Street
 Block B, Helderberg Complex
 Pretorius Street
 T4: +27 (0) 342 3000
 F4: +27 (0) 342 3005
 www.mtn.com

BOESMANSPRUIT FARM

SITE NUMBER

BOESMANSPRUIT FARM

BASE STATION NUMBER

T8949

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

NOTES

OWNER 1: BENSON ROBERT ENGELST

OWNER 2: BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION

PORTION 1 OF THE FARM

BOESMANSPRUIT 9 IT

COORDINATES

LAT 29° 07' 08.40" S
 LONG 30° 02' 48.70" E

PROJECT

NEW 90m TELECOMMUNICATION
 BASE STATION WITH A 5m LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS

OFF THE R33 NEAR PIETER DE BRUINPARK
 BETWEEN HENDRINA AND CAROLINA
 MPUMALANGA



**INFRASTRUCTURE
 PLANNING SERVICES**

414 Riebeeck Road
 150081
 T4: +27 (0) 854 15548
 F4: +27 (0) 854 10773
 www.infrastructuresa.co.za

REG NO

150081

PROJECT NUMBER

116049

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

ALL WORKS TO BE REFERENCED TO THE 2011 SOUTH AFRICAN
 INFRASTRUCTURE SPECIFICATION (PART 1001)

TABLE 1: REVISION 0 NOVEMBER 2007

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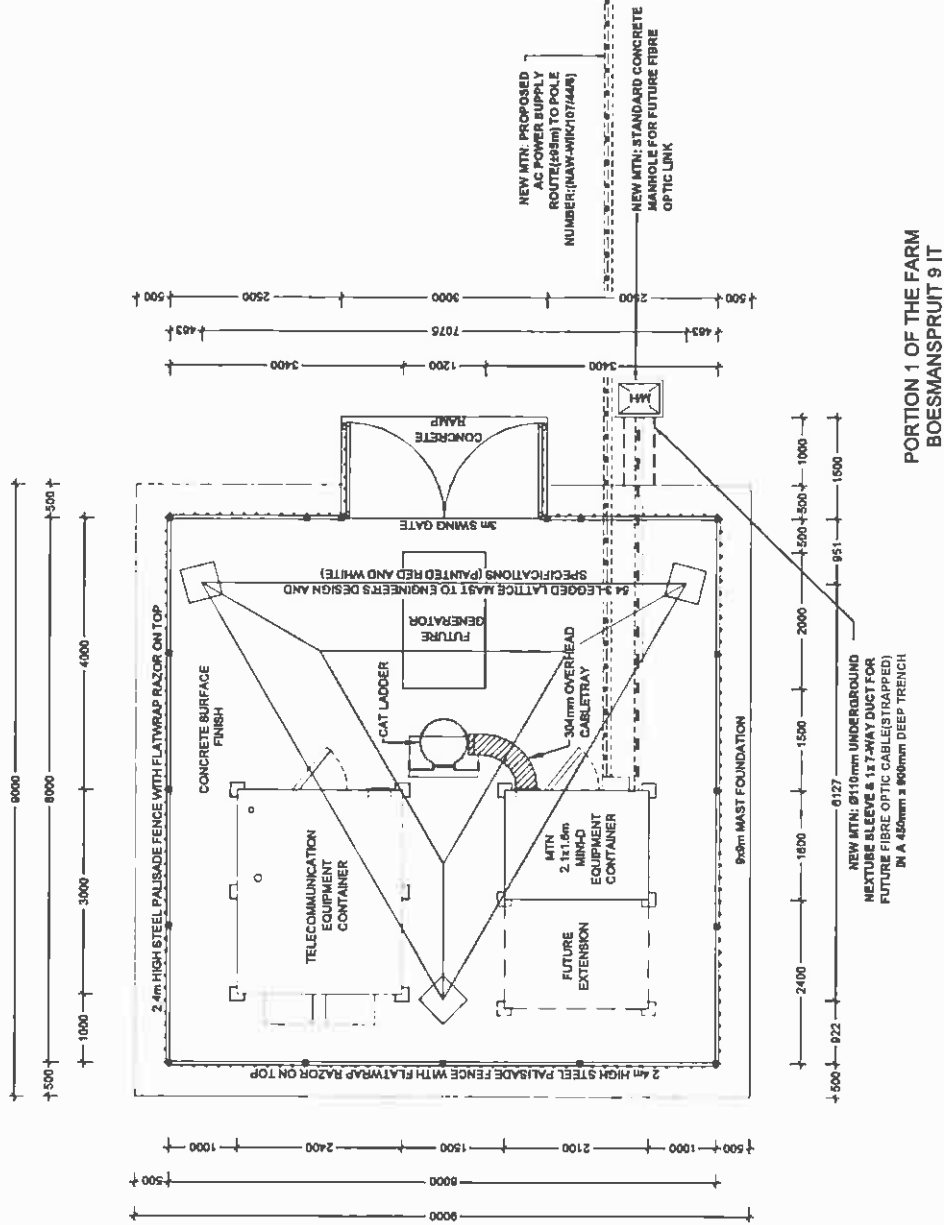
MELUBA YOUNG

DATE: 23/11/2011

SCALE: 1:75

REF NO: 81278649

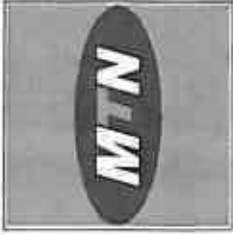
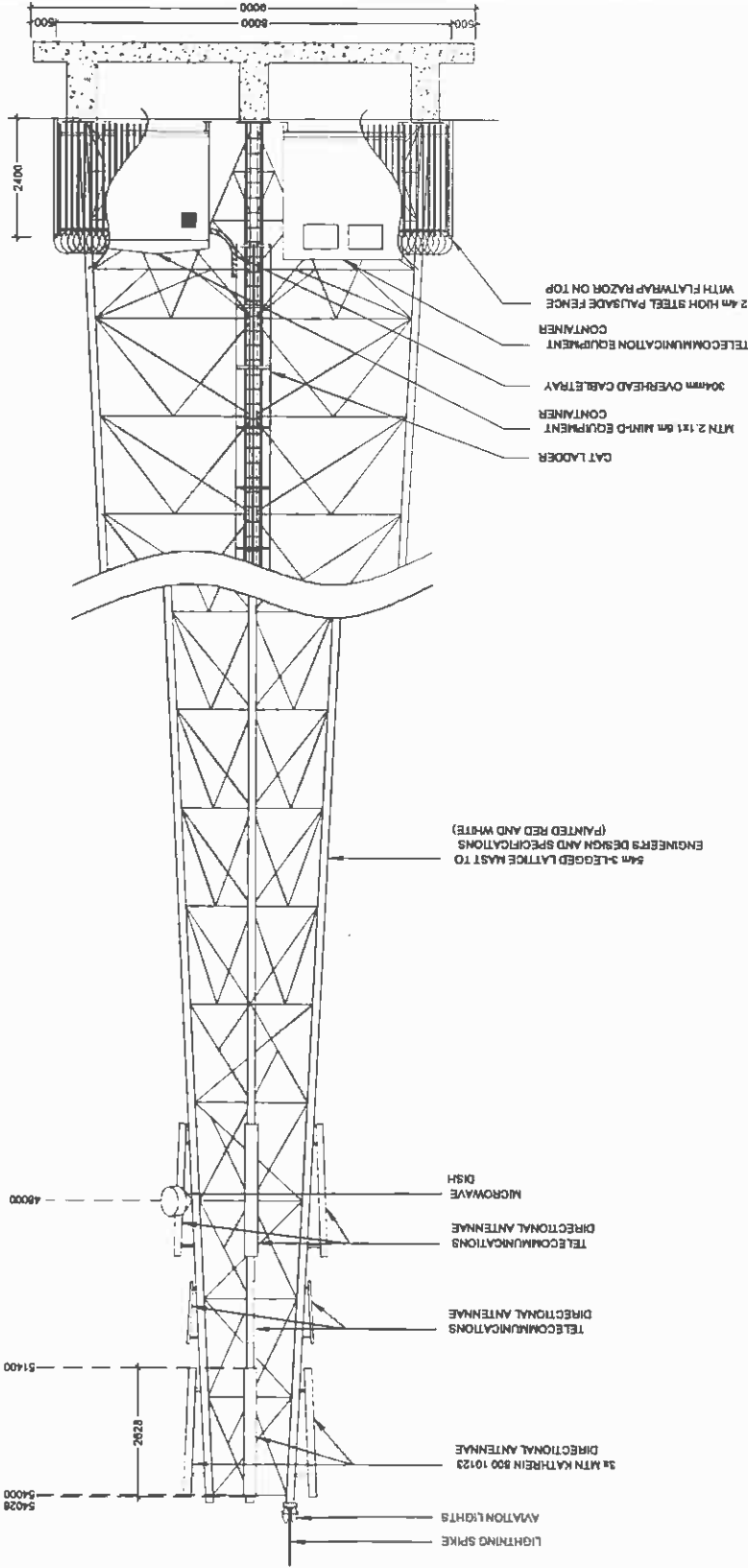
SITE DETAIL
 SHEET 7 OF 9



PORTION 1 OF THE FARM
 BOESMANSPRUIT 9 IT

MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K80010123	51.4			78"	± 56.4
2	120°	K80010123	51.4			78"	± 56.4
3	240°	K80010123	51.4			78"	± 56.4



1307 Proteasus Street
 Block B, Hillside Campus
 Midrand, 2008
 Tel: +27 (12) 342 2900
 Fax: +27 (12) 342 2908
 Postal Code: 149
 Private Bag 215
 Midrand Park

SITE NAME
 BOESMANSPRUIT FARM

BASE STATION NUMBER
 T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENJAMIN ERNEST
 OWNER 2: BENJAMIN CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 91T

COORDINATES
 LAT: 26° 01' 06.40" S
 LONG: 30° 02' 48.70" E

PROJECT
 NEW 800M TELECOMMUNICATION
 BASE STATION WITH A 54M LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUIJNPARK
 BETWEEN HENDRIKINA AND CAROLINA
 MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES

IPS

414 Rennie Road
 Johannesburg
 Tel: +27 (12) 804 1800
 Fax: +27 (12) 804 1802
 Email: info@ipsafrica.co.za

P.O. Box 33017
 Johannesburg
 2013

REF. NO.
 150101

PROJECT NUMBER
 T15049

SCALE
 1:100

DATE
 25/11/2011

REF. NO.
 81278949

DRAWN MELISSA YOUNG

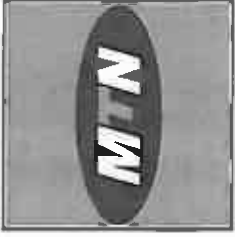
SCALE 1:100

DATE 25/11/2011

REF. NO. 81278949

WEST ELEVATION
 SHEET 8 OF 9

DISCLAIMER
 DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE REFERRED TO THE SITE
 INFRASTRUCTURE SPECIFICATION DRAWING
 TABLE 1 REVISION 6 NOVEMBER 2007



1207 Pridmore Street
 Bloemfontein, Northern Cape
 9400
 Tel: +27 (0) 53 343 2000
 Fax: +27 (0) 53 343 2008
 Private Bag 215
 Maseru Park

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES

OWNER 1: BENSON ROBERT ERNEST
 OWNER 2: BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 9 IT

COORDINATES
 LAT: 29° 01' 06.40" S
 LONG: 30° 02' 49.70" E

PROJECT
 NEW 900M TELECOMMUNICATION
 BASE STATION WITH A 54M LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUIJPARK,
 BETWEEN HENORINA AND CAROLINA,
 MPUMALANGA

414 Pridmore Road
 Bloemfontein
 9400
 Tel: +27 (0) 53 343 2000
 Fax: +27 (0) 53 343 2008
 Email: info@mtncorp.co.za

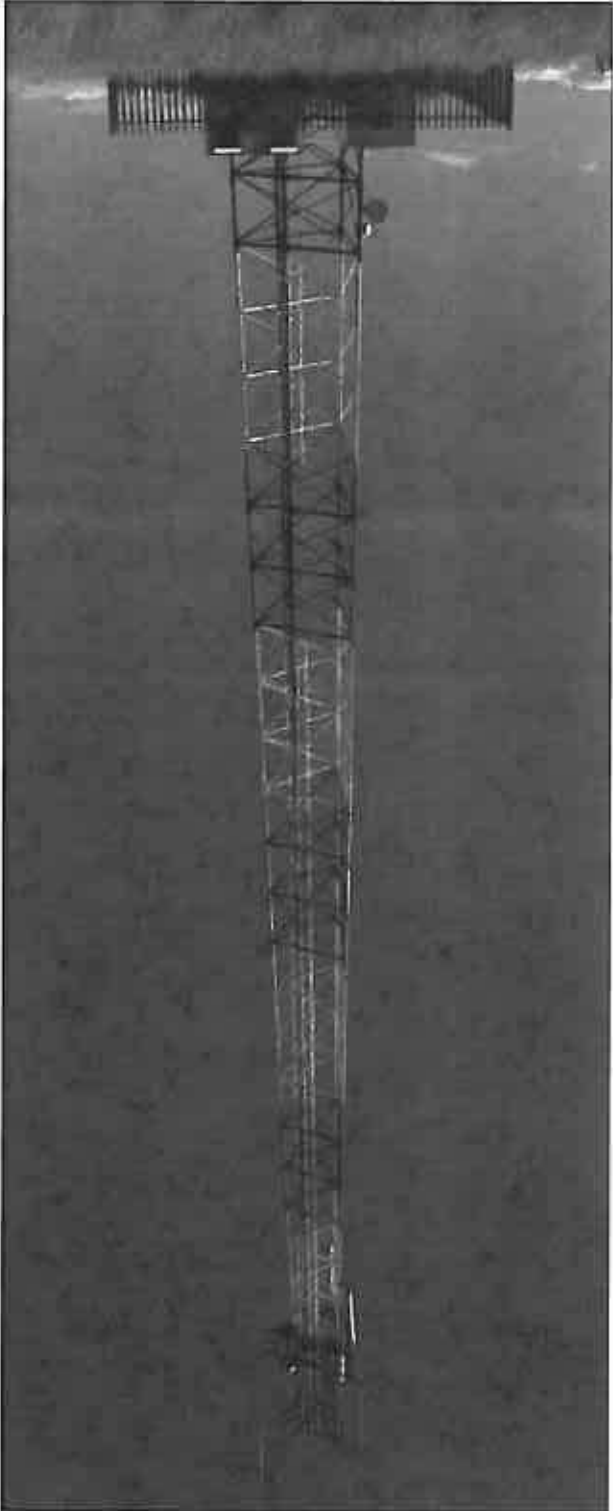
PROJECT NUMBER
 115049

DRAWN: MELISSA YOUNG
 DATE: 25/11/2011
 SCALE: NTS
 REF. NO: 91278949

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE IN ACCORDANCE WITH THE SOUTH AFRICAN
 INFRASTRUCTURE SPECIFICATION (MAY 2001)
 TABLE 1 (REVISION 0 NOVEMBER 2007)

DRAWN: MELISSA YOUNG
 DATE: 25/11/2011
 SCALE: NTS
 REF. NO: 91278949

FACILITY ILLUSTRATION
 SHEET 9 OF 9



TYPICAL 3-LEGGED LATTICE MAST
 (PAINTED RED & WHITE)



414 Pridmore Road
 Bloemfontein
 9400
 Tel: +27 (0) 53 343 2000
 Fax: +27 (0) 53 343 2008
 Email: info@mtncorp.co.za

PROJECT NUMBER
 115049

DRAWN: MELISSA YOUNG
 DATE: 25/11/2011
 SCALE: NTS
 REF. NO: 91278949

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE IN ACCORDANCE WITH THE SOUTH AFRICAN
 INFRASTRUCTURE SPECIFICATION (MAY 2001)
 TABLE 1 (REVISION 0 NOVEMBER 2007)

DRAWN: MELISSA YOUNG
 DATE: 25/11/2011
 SCALE: NTS
 REF. NO: 91278949

FACILITY ILLUSTRATION
 SHEET 9 OF 9

Our Reference:
T8949 / 17/2/3/GS - 81

Your Reference:



The Ward Councillor
Albert Luthuli Local Municipality
P O Box 24
Carolina
1185

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

Attention: Clr M L Thete
Councillor: Ward 21

414 Rustic Road
Silvertondale, 0184
Pretoria

Facsimile: (017) 843 4001
E-mail:

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

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (gg) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 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,

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
0178434001	03-06 15:07	00:00:39	000/010	Cont	
0178434001	03-06 15:11	00:10:37	007/010	Cont	
0178434001	03-06 15:34	00:04:57	003/010	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX, MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FWD: Forward, PC: PC-Fax, BND: Double-Sided Binding Direction, SP: Special Original, FCODE: F-code, RTX: Re-TX, RLV: Relay, NBO: 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:
T8949 / 17/2/3/GS - 81

Your Reference:

The Ward Councillor
Albert Luthuli Local Municipality
P O Box 24
Carolina
1185

Attention: Cnr M L Thele
Councillor: Ward 21

Facsimile: (017) 843 4001
E-mail:



Reg. No. 2001/080536/23
PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

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

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 (gg) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 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.

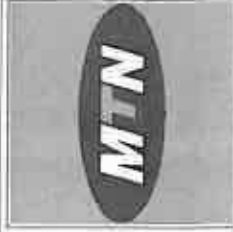
Please forward the attached documentation to the relevant Resident Association or provide us with their contact details.

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

Kind Regards,

cc Bechips
WA VAN'T FOORT
For: Torblouse Solutions cc

Comments:



1307 Frederick Street
 Block B, Hamilton Computer
 Hamilton, ON
 Tel: +1 (713) 342-2000
 Fax: +1 (713) 342-2009
 Product Sales, L48
 Product Eng 213
 Mobile Park

SITE NAME
 BOESMANSPRUIT FARM

BASE STATION NUMBER
 T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER: BRANSON ROBERT JAMES
 OWNER: BRANSON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 91T

COORDINATES
 LAT 28° 01' 05" 40" S
 LONG 30° 02' 48" 70" E

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

ADDRESS
 OFFICE 001 NEAR PIETER DE BRUIJPARK,
 BETWEEN MENDINGA AND CAROLINA
 MPOUNALANGA



414 Route 7 Road
 Midrand, Gauteng
 2010
 Tel: +27 (12) 841 18048
 Fax: +27 (12) 841 7072
 info@ipsafrica.com

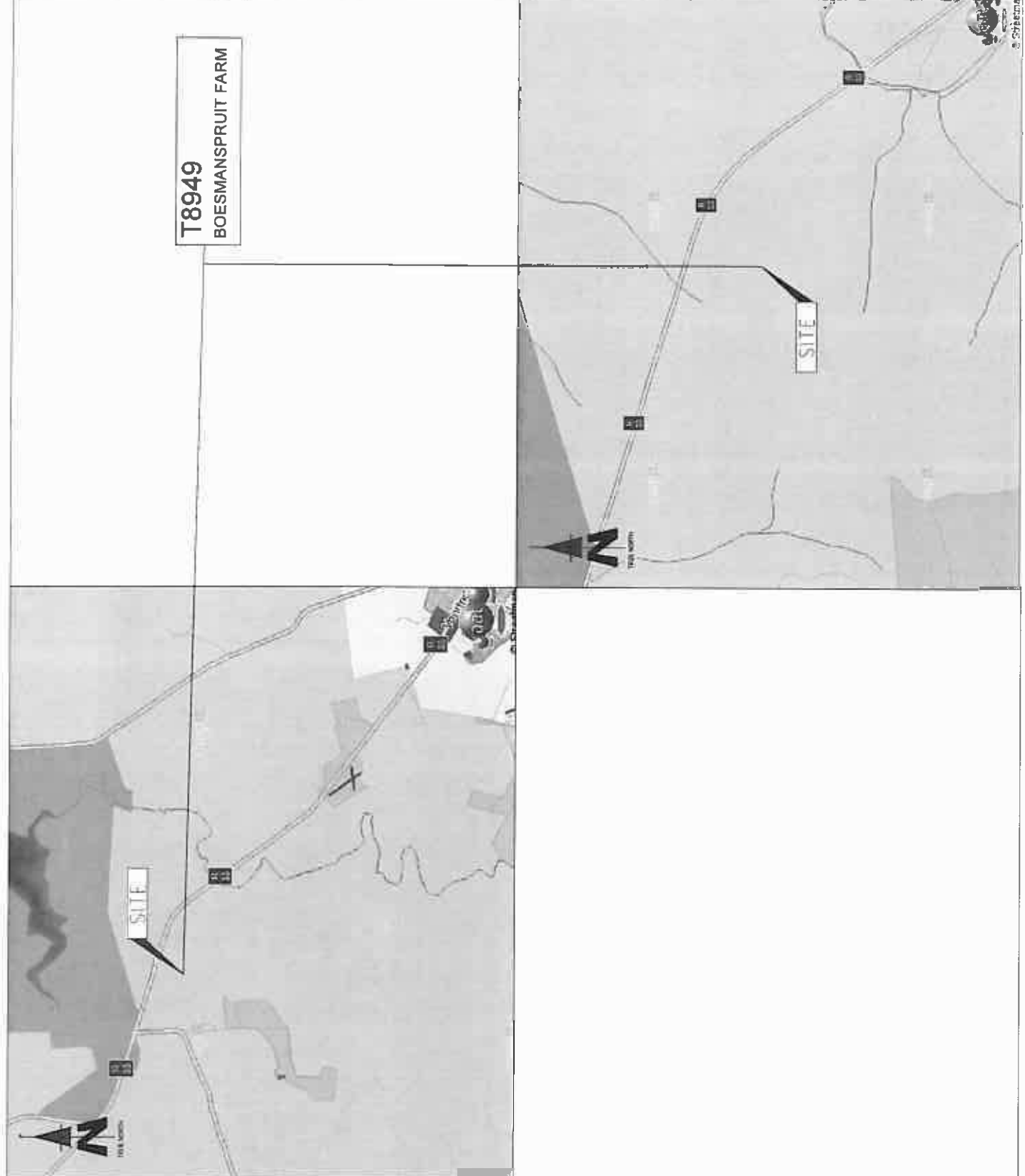
RFD NO
 150361

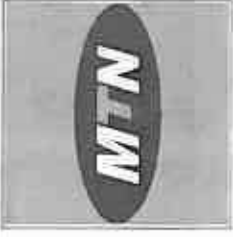
PROJECT NUMBER
 115049

SCALE
 DRAWN: MELISSA YOUNG | DATE: 25/11/2011
 REF NO: 61278949

LOCALITY MAP
 SHEET 1 OF 9

T8949
BOESMANSPRUIT FARM





1707 Protekta Street
 Suite 8, Noidaleke Complex
 Pretoria 0001
 Tel: +27 (0) 342 2000
 Fax: +27 (0) 342 8006
 Mobile: 082 315 1400

BOESMANSPRUIT FARM

BASELATION NUMBER: T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT ERICST
 OWNER 2: BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 811

COORDINATES
 LAT: 26° 01' 09.40" S
 LONG: 30° 02' 49.70" E

PROJECT
 NEW 4G+ TELECOMMUNICATION
 BASE STATION WITH A CELL SITE MAST
 FOR MTN (PTY) LTD

ADDRESS
 OFF THE R13 NEAR PIETER DE BRUIJPARK,
 BETWEEN HENDRIKA AND CAROLINA
 JAPUNALANCA



414 Rennie Road
 Sandton
 Johannesburg
 2146
 Tel: +27 (0) 800 19048
 Fax: +27 (0) 800 7072
 Email: info@ipsafrica.co.za

REG NO: 150091
 PROJECT NUMBER: 115049

DRAWN: MELISSA YOUNG
 DATE: 25/11/2011
 SCALE: RTS
 REF NO: 81278948

CADASTRAL INFO
 SHEET 2 OF 9

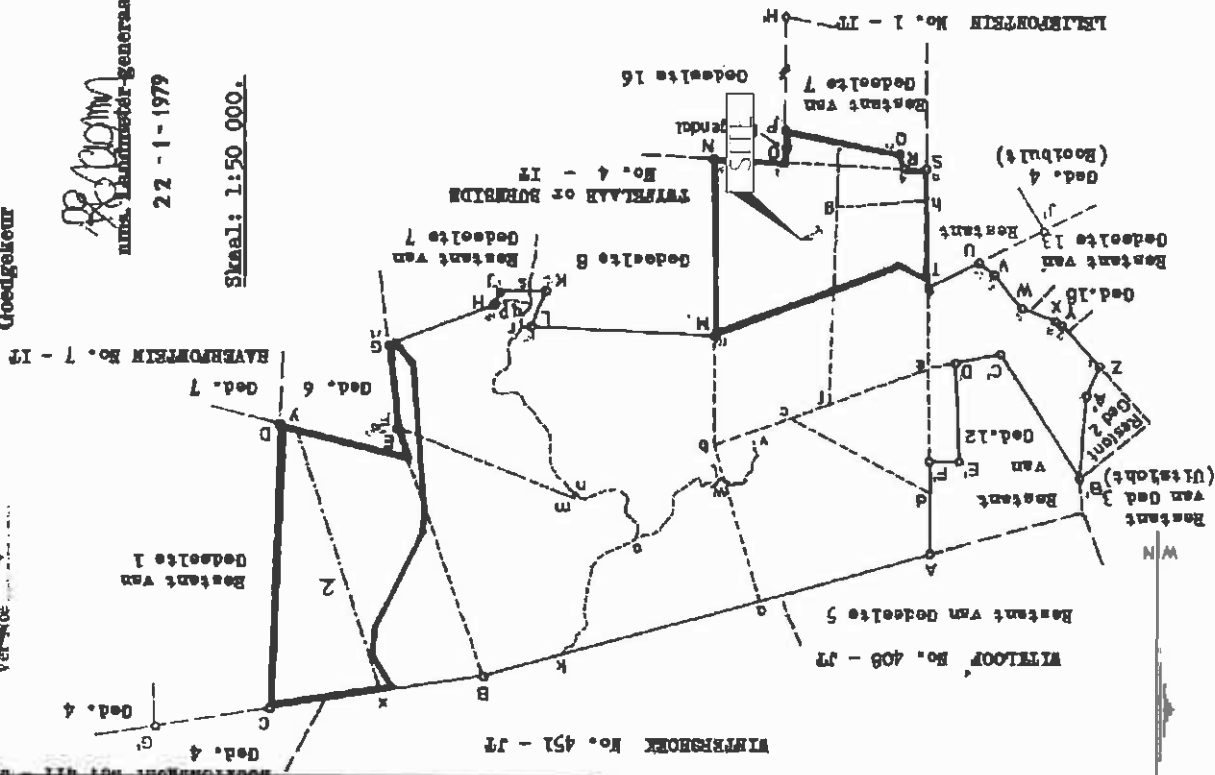
KAART VIR
 DEKONTOLEERDE TITEL
 L.G. No. A 4653/78

Goedgeteuer

R. van Eserden
 Huis, Landmeter-generaal

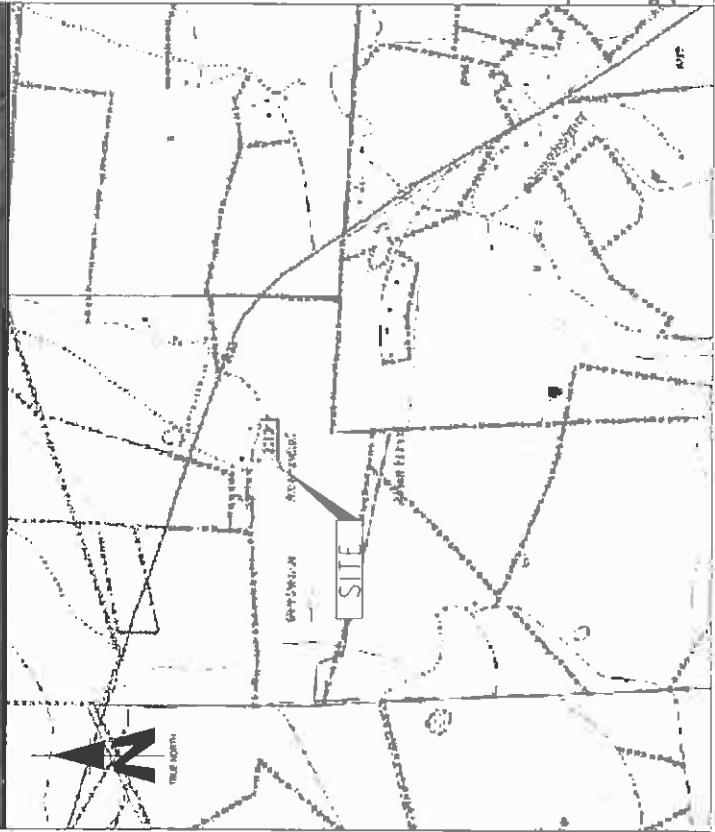
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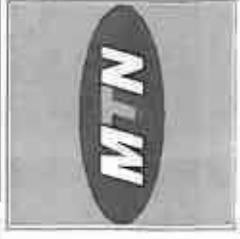
Skaal: 1:50 000.



Landmeter
 R. van Eserden

Opgetas in Julie 1978 deur my





1261 Pridmore Street
 Block 8, Helderberg Correctional Centre
 Helderberg, 0283

Tel: +27 (12) 342 2902
 Fax: +27 (12) 342 2008

Project Ref: 3287
 Project Name: T8949
 Mafisa Park

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER: SIMON ROBERT FENWAT
 OWNER: BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 9 IT

COORDINATES
 LAT 29° 01' 09.40" S
 LONG 30° 07' 49.70" E

PROJECT
 NEW 900m TELECOMMUNICATION
 BASE STATION WITH A 54m LATTICE MAST
 FOR MTN (PT) LTD

ADDRESS
 OFF THE R103 NEAR PIETER DE BRUIJNPARK
 BETWEEN HENDRINA AND CAROLINA
 MPMALANGA

**INFRASTRUCTURE
 PLANNING SERVICES**

IPS

414 Rennie Road
 Silverton
 0184
 Tel: +27 (12) 804 15048
 Fax: +27 (12) 804 1072
 info@ipsafrica.co.za

RFP NO
 150081

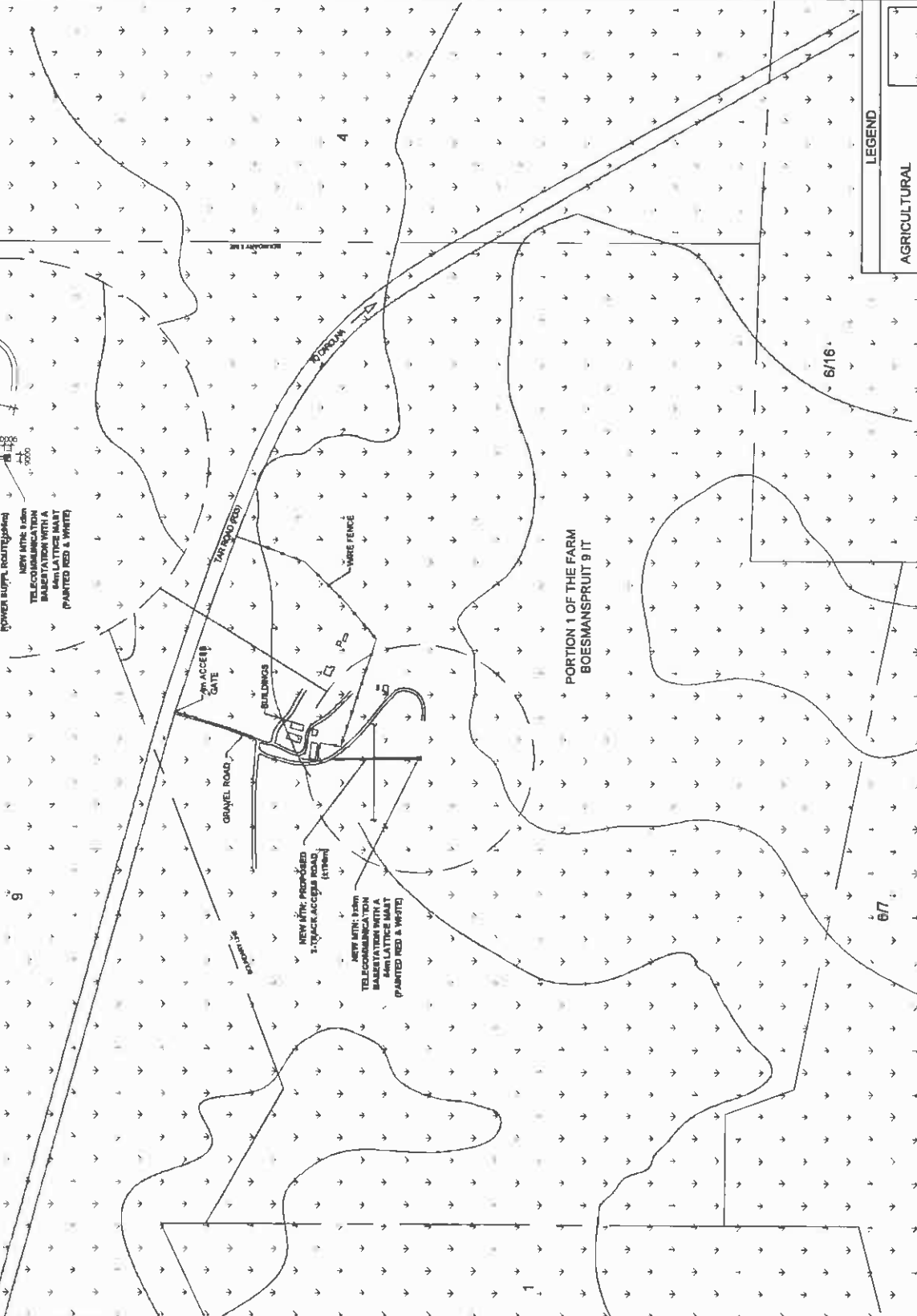
PROJECT NUMBER
 115049

DRAWN: MELISSA YOUNG
 SCALE: 1:1000

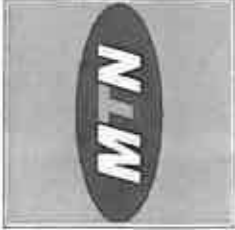
DATE: 28/12/2011
 REF NO: 812/7849

CURRENT LAND USE
 SHEET 4 OF 9

AGRICULTURAL



LEGEND



1287 Pretoria Street
 Block B, Sandvlei Complex
 Halfway, 6023
 Tel: +27 (0) 11 442 2000
 Fax: +27 (0) 11 442 2000
 Pretorius Road 148
 Protea, 7415
 Halfway, 6023

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT ERNEST
 OWNER 2: BENSON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 917

COORDINATES
 LAT: 29° 01' 06.40" S
 LONG: 30° 02' 49.70" E

PROJECT
 NEW 900m TELECOMMUNICATION
 BASE STATION WITH 30m LATTICE MAST
 FOR MTR (P) LTD

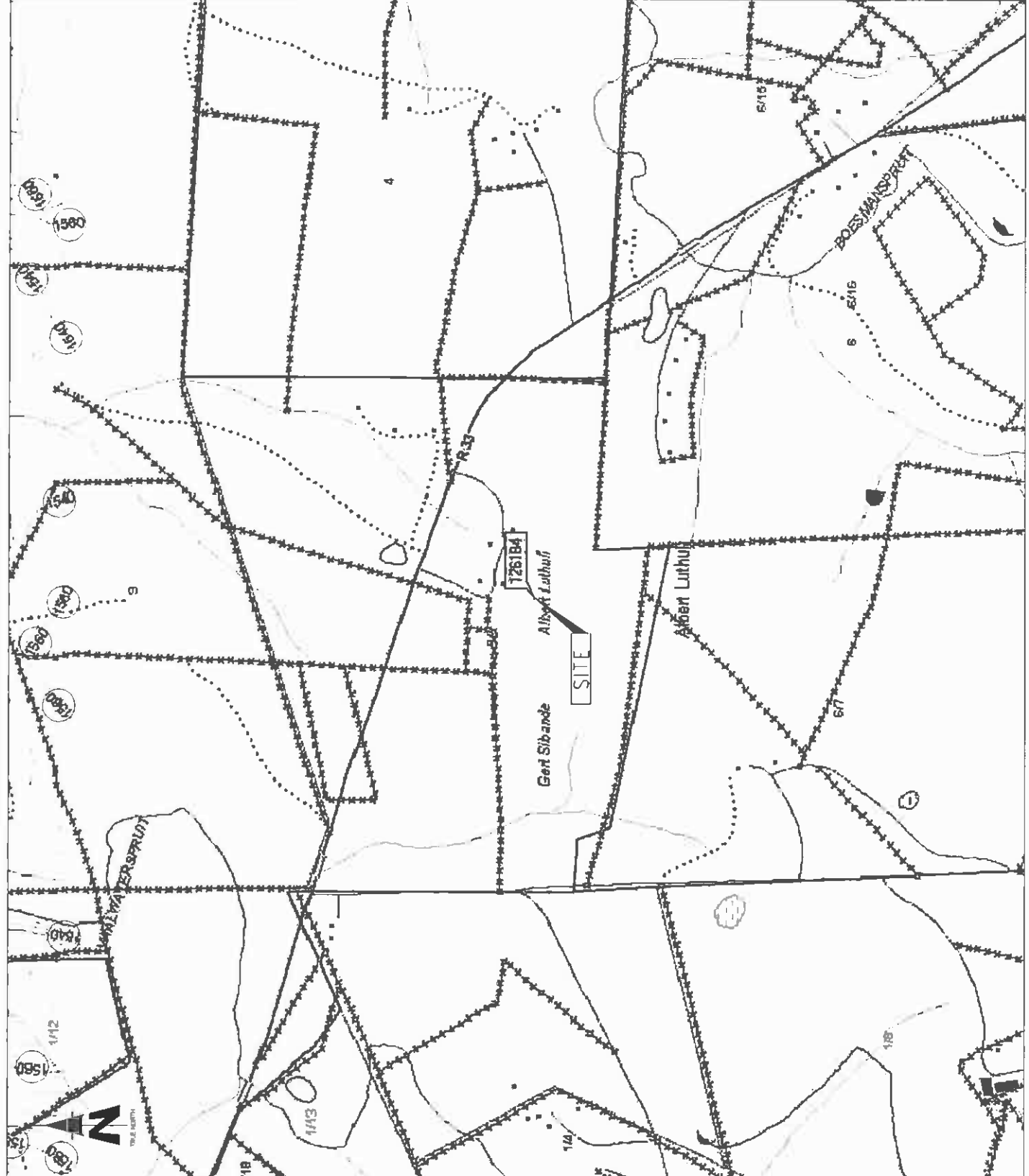
ADDRESS
 OFF THE R13 NEAR PIETER DE BUIJMPARK
 BETWEEN HENDRIKA AND CAROLINA
 MUPUMALANGA

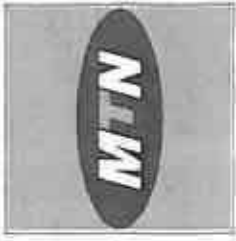
INFRASTRUCTURE
 PLANNING SERVICES

414 Riebeeck Road
 Sandvlei, 6023
 Tel: +27 (0) 11 442 13048
 Fax: +27 (0) 11 442 13048
 Email: info@ipsafrica.co.za
 P.O. Box 23017
 Tlokweng
 0154

REF NO:
 150061
 PROJECT NUMBER
 1150049
 DRAWN: MELIBBA YOUNG
 DATE: 25/11/2011
 SCALE: NTS
 REF NO: 812/T8949

CONTOUR INTERVAL
 SHEET 5 OF 9





1787 Pretorius Street
 Boksburg, Johannesburg, Gauteng
 2012
 Tel: +27 (0) 343 2000
 Fax: +27 (0) 343 8008
 www.mtn.co.za

BOESMANSPRUIT FARM
 BASE STATION NUMBER: T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES:
 OWNER 1: TRENCH ROBERT EMMETT
 OWNER 2: BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION:
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 911

COORDINATES:
 LAT: 26° 01' 06.40" S
 LONG: 30° 02' 48.70" E

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

ADDRESS:
 OFF THE R33 NEAR PIETER DE BRUIJNPARK
 BETWEEN HENDRINA AND CAROLINA
 MPUMALANGA

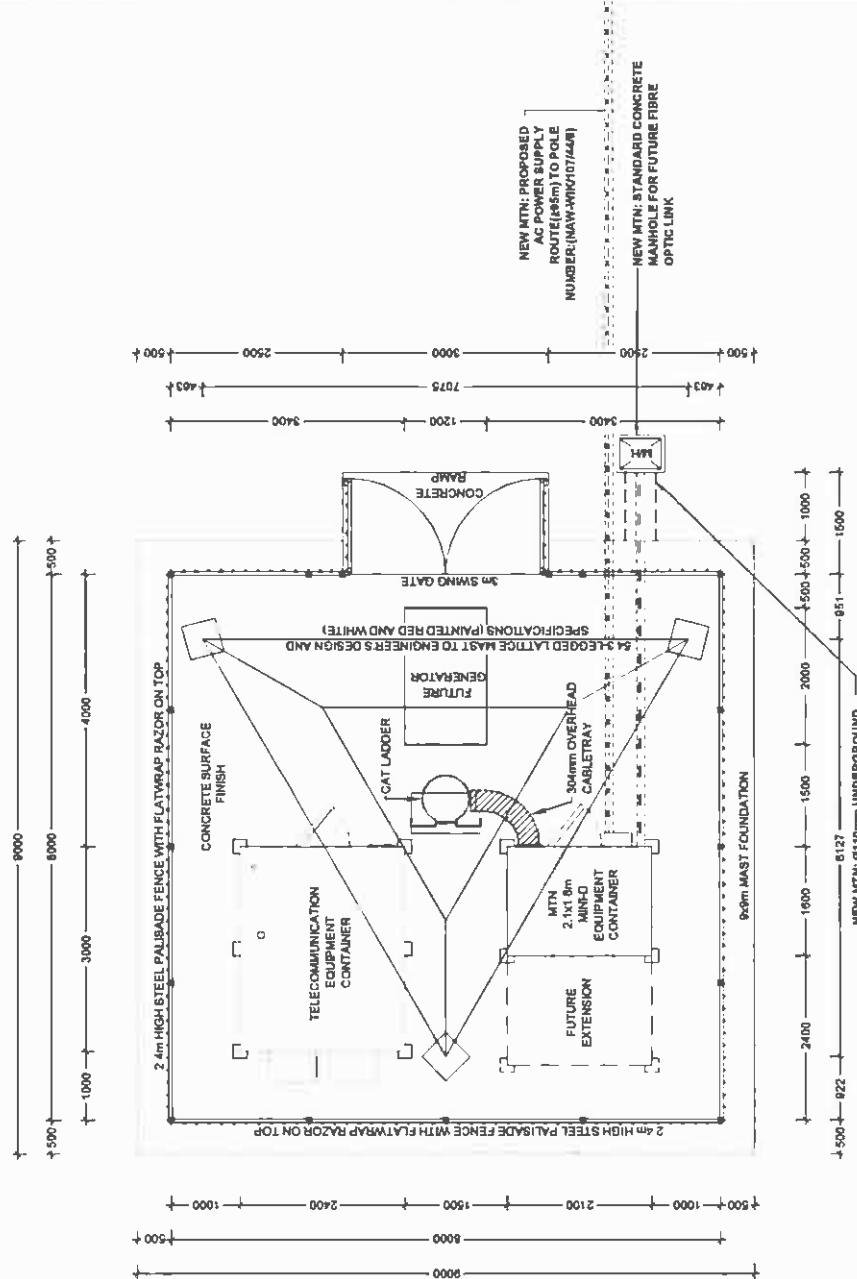


414 Muckie Road
 P.O. Box 30817
 Johannesburg
 2014
 Tel: +27 (0) 104 19048
 Fax: +27 (0) 104 19049
 www.infrastructure.co.za

PROJECT NUMBER:
 115046

DRAWN: MELISSA YOUNG
 DATE: 25/11/2011
 REF NO: 8127894P

SITE DETAIL
 SHEET 7 OF 9

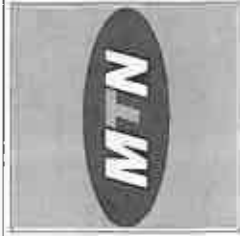
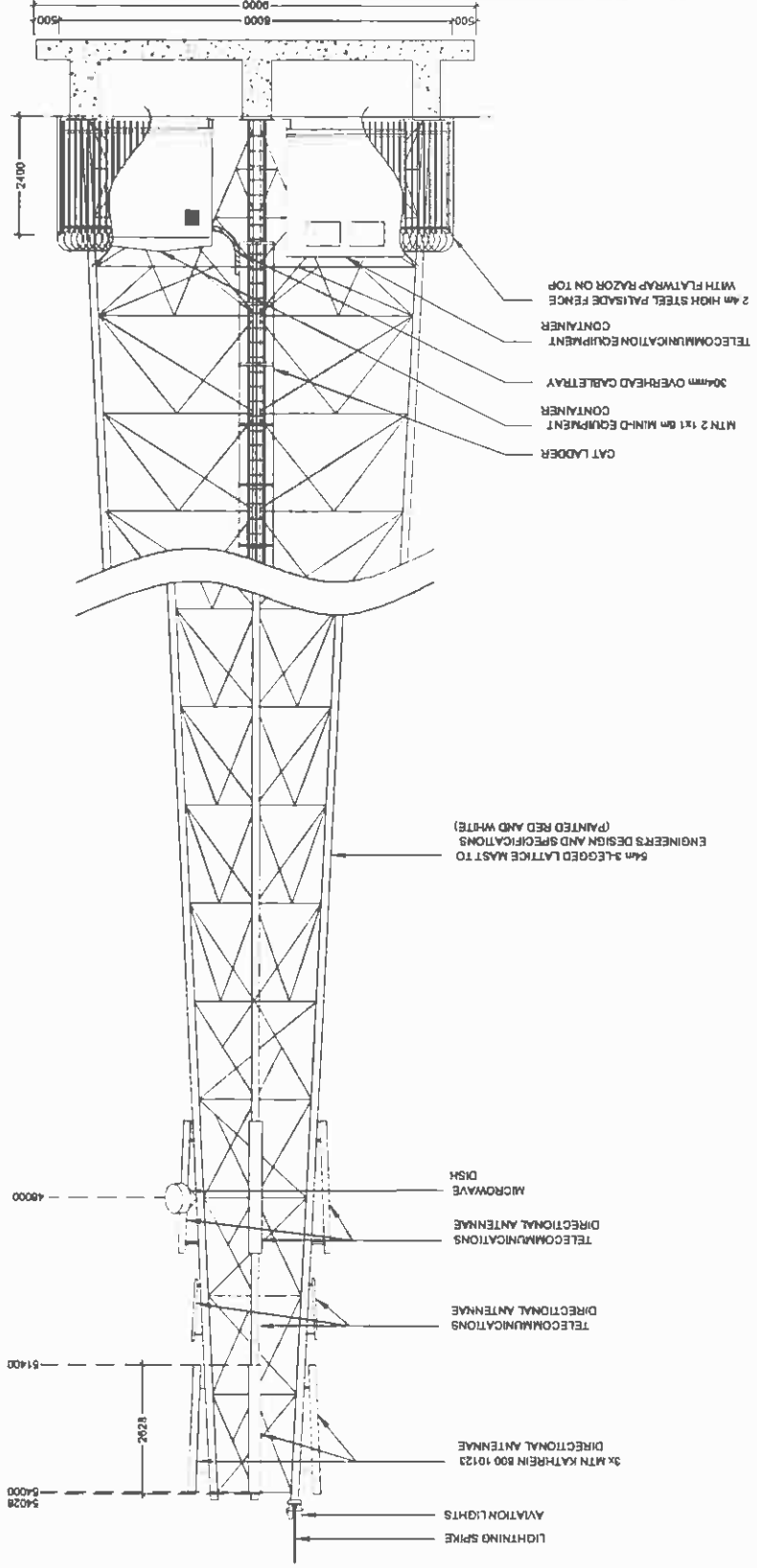


PORTION 1 OF THE FARM
 BOESMANSPRUIT 911

NEW MTN: 8110mm UNDERGROUND
 MIXTURE BLEVE & 127-WAY DUCT FOR
 FUTURE FIBRE OPTIC CABLE(S) TRAPPED
 IN A 450mm x 900mm DEEP TRENCH

MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K800010123	51.4			7/8"	± 59.4
2	120°	K800010123	51.4			7/8"	± 59.4
3	240°	K800010123	51.4			7/8"	± 59.4



1297 Pretoria Street
 Hillside Park
 Sandton, Johannesburg, Gauteng
 Tel: +27 (0) 21 402 0000
 Fax: +27 (0) 21 411 0000
 www.mtn.com

BOESMANSPRUIT FARM

BASE STATION NUMBER: **T8949**

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

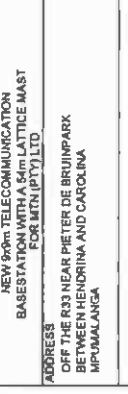
NOTES:
 OWNER 1: HENDON ROBERT ERNEST
 OWNER 2: HENDON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 817

COORDINATES:
 LAT: 28° 51' 40" S
 LONG: 30° 02' 48" 7" E

PROJECT:
 NEW 900m TELECOMMUNICATION
 BASE STATION WITH A 5m LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS:
 OFF THE R33 NEAR PIETER DE BRUINPARK
 BETWEEN HENDRINA AND CAROLINA
 HUPUMALANGA



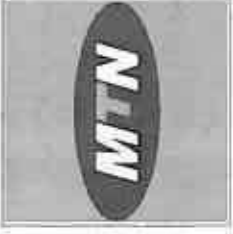
414 Riebeeck Road
 Sandton, Johannesburg
 2013
 Tel: +27 (0) 21 550 0000
 Fax: +27 (0) 21 550 0134
 www.ipsinfra.com

RFQ NO: 150381
 PROJECT NUMBER: 115046
 P.O. Box: 20017
 Sandton, Johannesburg
 20134

DRAWN: MELISSA YOUNG
 DATE: 25/11/2011
 REF NO: 8127840

SCALE: 1:100
 WEST ELEVATION
 SHEET 8 OF 9

DISCLAIMER: THIS DRAWING IS NOT BE SCALED. ONLY DIMENSIONS TO BE USED FOR CONSTRUCTION. ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE SPECIFICATIONS. THIS DRAWING IS THE PROPERTY OF IPS INFRASTRUCTURE SERVICES. © NOVEMBER 2011.



1287 Ploverton Street
 Block B, Johannesburg, Gauteng
 2001, South Africa
 Tel: +27 (0) 11 342 2600
 Fax: +27 (0) 11 342 8708
 Ploverton Suite 144
 Ploverton Bldg 2/15
 Joubert Park

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: NELSON ROBERT ERNEST
 OWNER 2: NELSON CHRISTINA ELIZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 917

COORDINATES
 LAT: 28° 01' 06.40" S
 LONG: 30° 02' 49.70" E

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

ADDRESS
 OFF: THE R33 NEAR PIETER DE BRUIJNPARK
 BETWEEN HENDRINA AND CAROLINA
 MPUMALANGA



414 Ploverton Road
 Johannesburg
 2014
 Tel: +27 (0) 11 350 906
 Fax: +27 (0) 11 350 902
 info@ip-services.co.za

REG. NO.
 15/091

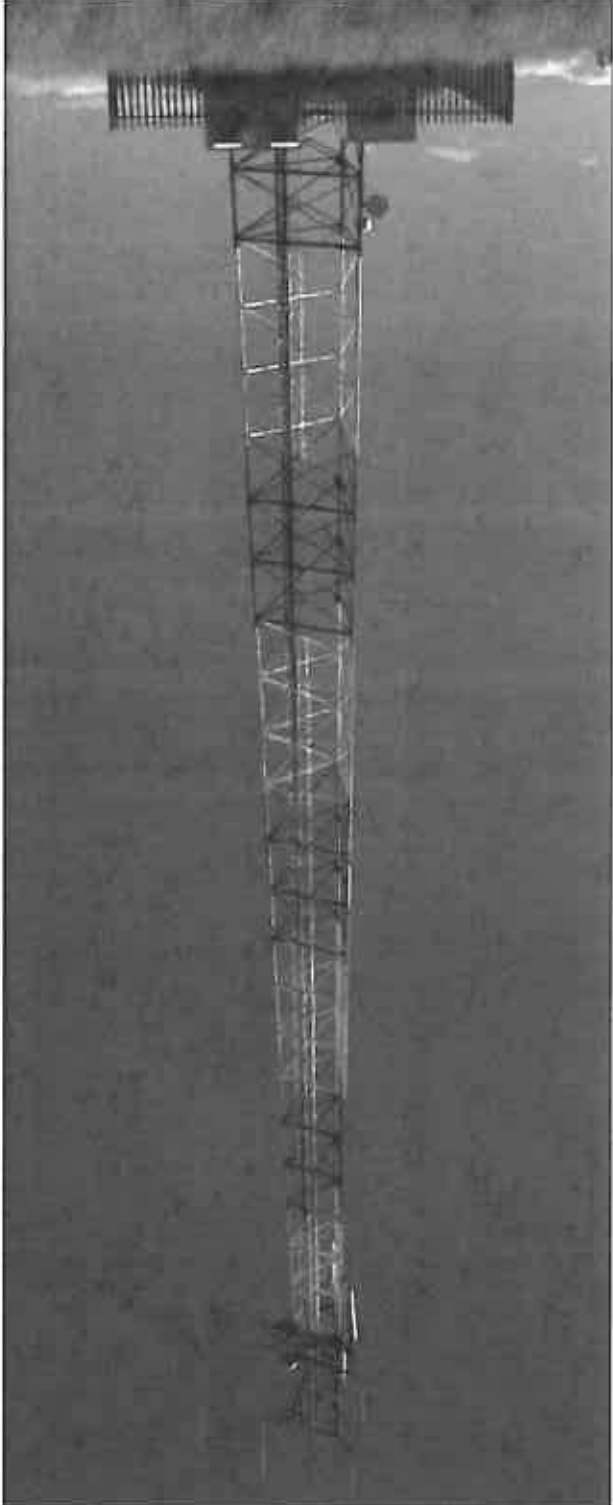
PROJECT NUMBER
 115046

SCALE
 NTS

DATE
 25/11/2011

REF. NO.
 8122/8949

DRAWN
 MELISSA YOUNG



TYPICAL 3-LEGGED LATTICE MAST
 (PAINTED RED & WHITE)

DRAMA
 NTS

DATE
 25/11/2011

REF. NO.
 8122/8949

DRAWN
 MELISSA YOUNG

SCALE
 NTS

PROJECT NUMBER
 115046

REG. NO.
 15/091

ADDRESS
 OFF: THE R33 NEAR PIETER DE BRUIJNPARK
 BETWEEN HENDRINA AND CAROLINA
 MPUMALANGA

COORDINATES
 LAT: 28° 01' 06.40" S
 LONG: 30° 02' 49.70" E

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 917

NOTES
 OWNER 1: NELSON ROBERT ERNEST
 OWNER 2: NELSON CHRISTINA ELIZABETH

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

BASE STATION NUMBER
T8949

SITE NAME
BOESMANSPRUIT FARM

1287 Ploverton Street
 Block B, Johannesburg, Gauteng
 2001, South Africa
 Tel: +27 (0) 11 342 2600
 Fax: +27 (0) 11 342 8708
 Ploverton Suite 144
 Ploverton Bldg 2/15
 Joubert Park

FACILITY ILLUSTRATION
SHEET 9 OF 9

DRAMA
 NTS

DATE
 25/11/2011

REF. NO.
 8122/8949

DRAWN
 MELISSA YOUNG

SCALE
 NTS

PROJECT NUMBER
 115046

REG. NO.
 15/091

ADDRESS
 OFF: THE R33 NEAR PIETER DE BRUIJNPARK
 BETWEEN HENDRINA AND CAROLINA
 MPUMALANGA

COORDINATES
 LAT: 28° 01' 06.40" S
 LONG: 30° 02' 49.70" E

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 917

NOTES
 OWNER 1: NELSON ROBERT ERNEST
 OWNER 2: NELSON CHRISTINA ELIZABETH

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

BASE STATION NUMBER
T8949

SITE NAME
BOESMANSPRUIT FARM

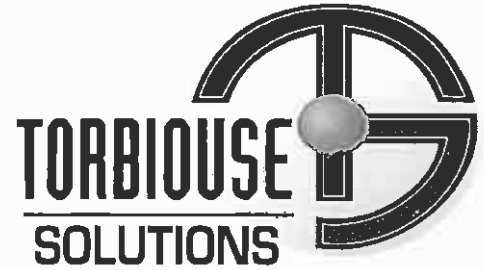
1287 Ploverton Street
 Block B, Johannesburg, Gauteng
 2001, South Africa
 Tel: +27 (0) 11 342 2600
 Fax: +27 (0) 11 342 8708
 Ploverton Suite 144
 Ploverton Bldg 2/15
 Joubert Park

Our Reference:
T8949 / 17/2/3/GS-81

Your Reference:

29 February 2012

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



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

Tel: (012) 804 1504 / 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Via Registered Mail

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 (gg) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environmental and Tourism to establish a telecommunication base station on **Portion 1 of the Farm Boesmanspruit 9 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

M NIEHOF
For: Torbious Solutions CC

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2 / 3 / GS - 81

Regulation 546 activity 3 (a) & (b) : (a) ii (gg) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: **T8949 Boesmanspruit Farm**

Location: **Portion 1 of the Farm Boesmanspruit 9 IT**

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

Alternative 1: **Latitude: 26° 01' 06.4" S Longitude: 30° 02' 49.70" 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 is to be submitted to the Mpumalanga Department of Economic Development, Environment and Tourism.

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of Chapter 5 of the Environmental Impact Assessment Regulations 2010 (R543) to assess alternatives with regard to the planned activity.

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

Environmental Assessment Practitioner (EAP):

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

16 February 2012

UHLELO LOKUHLANGANYELA KOMPHAKATHI

INOMBOLO YEREFERENSI: 17/2 / 3 / GS - 81

Umyalelo wormthetho 546 umsebenzi 3 (a) & (b) : (a) ii (gg) : Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: **T8949 Boesmanspruit Farm**

Indawo: **Portion 1 of the Farm Boesmanspruit 9 IT**

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

Esihlukile 1: **Ububanzi: 26° 01' 06.4" S Ubude: 30° 02' 49.70" E Induku ye-lattice ependwe ngokubomvu nokumhlophe**

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

Izinqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelana nemiyalelo yomthetho 543 bese kufakwa isicelo eMnyangweni Wezolimo, Ukunakekeliwa kanye neZemvelo WaseMpumalanga. Umenzi wesicelo uhlose futhi ukwenza isicelo kuMnyango Wezolimo waseMpumalanga, Ukulondolozwa Kwamagugu Nezemvelo ukuze akhululwe ngokwemibandela yomthetho 5 weMithetho Yokuhlola Kukulhinteka 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)):

Torbouse Solutions CC., P.O. Box 32017, Totiusdal, 0134
kuqondiswe ku- Wilbert van't Foot
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072,
i-e-meyili: admin@infraplan.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 esibhalliwe noma isicelo sokubhalisa, namagama abo, ikheli lendawo neleposi (kufakwe ifeksi ne-e-meyili uma kunokwenzeka) kanye nezinombolelo zokubathinta futhi basho nenombolo yerferensi yomsebenzi, ku-EAP ezinsukwini zekhatenda ezingama-30 kusukela ekushicilelweni kwalesi saziso.

Usuku lokushicilelwa kweSaziso:

16 February 2012



1211 Pretorius Street
 1st Floor
 Sandton City
 Sandton, 2011
 Tel: +27 (11) 905 2000
 Fax: +27 (11) 947 7000
 www.mtn.com

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: SEMON ROBERT ENNET
 OWNER 2: SEMON CHRISTINA BLEMETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 8 IT

COORDINATES
 LAT 28° 01' 06.40" S
 LONG 30° 02' 49.70" E

PROJECT
 NEW 800m TELECOMMUNICATION
 BASE STATION WITH A 3m LATTICE MAST
 FOR MTN (PT) LTD

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUNPANK
 BETWEEN HENDRIKA AND CAROLINA
 MPUTULANGA



INFRASTRUCTURE PLANNING SERVICES

41 Rennie Street
 6th Floor
 Sandton City
 Sandton, 2011
 Tel: +27 (11) 905 1900
 Fax: +27 (11) 905 1900
 www.ip-services.co.za

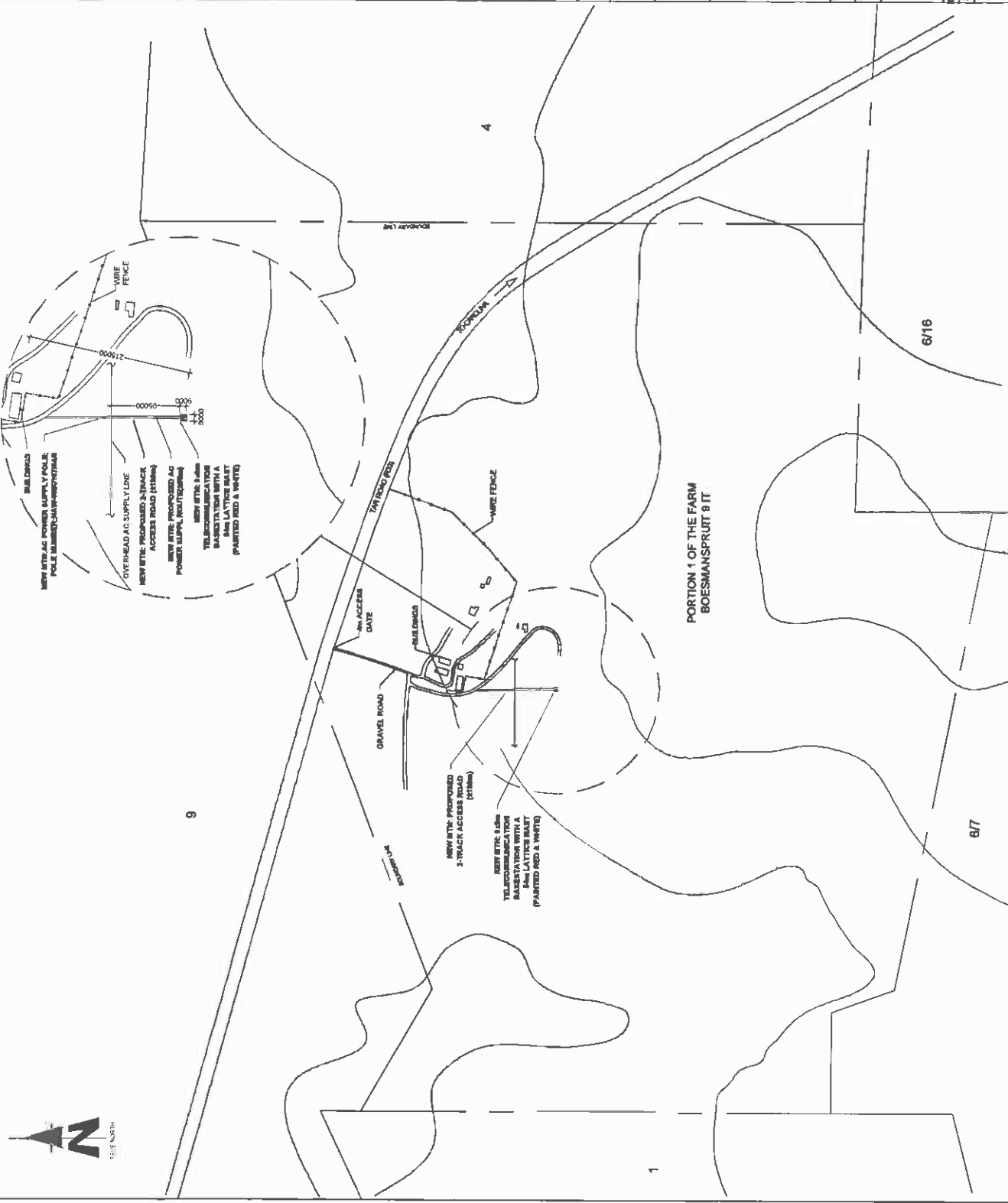
REG NO.
 150361

PROJECT NUMBER
 115048

DRAWING MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED UNLESS NOTED OTHERWISE. ALL WORK TO BE PERFORMED ACCORDING TO SANS 10185-1:2001. INFRASTRUCTURE SPECIFICATION 000/001. ISSUE 1: REVISION 8 NOVEMBER 2007

DRAWN: MELISSA YOUNG
DATE: 25/11/2011
SCALE: 1:800
REF. NO.: 61278849

SITE DEVELOPMENT PLAN
SHEET 3 OF 9



9

4

PORTION 1 OF THE FARM
 BOESMANSPRUIT 8 IT

6/16

6/17



1877 Phoenix Blvd
 Phoenix, AZ 85009
 Tel: (480) 441-2200
 Fax: (480) 441-2200
 www.mtn.com

Partial Sales Tax
 Exemption 118
 Mobile Plan

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MV	FIRST ISSUE

NOTES
 OWNER 1 BENSON ROBERT EMMETT
 OWNER 2 BENSON CHRISTINA ELIZABETH

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
 PORTION 1 OF THE FARM
 BOESMANSPRUIT 811

COORDINATES
 LAT 28° 01' 09.40" S
 LONG 30° 02' 49.70" E

PROJECT
 NEW 800M TELECOMMUNICATION
 BASE STATION WITH A 84M LATTICE MAST
 FOR MTN (PTY) LTD

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUNNPARK,
 BETWEEN MENDRINKA AND CAROLINA,
 BRUSKALANGA

INFRASTRUCTURE
 PLANNING SERVICES



111 Nucleus Road
 Midrand
 0164
 info@ip-services.co.za

P.O. Box 2017
 Midrand
 0164

RFO NO.
 180081

PROJECT NUMBER
 115048

DRAWINGS ARE NOT TO BE SCALED. ONLY DIMENSIONS TO BE
 USED. DIMENSIONS TO BE ADHERED TO BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO IFA 879 879
 INFRASTRUCTURE REGULATIONS AND THE NATIONAL
 ELECTRICAL REGULATIONS (NERSA)

DRAWN: MELISSA YOUNG DATE: 28/11/2011

SCALE: 1:100 REF. NO: 81278949

FACILITY ILLUSTRATION
 SHEET 8 OF 9



TYPICAL 3-LEGGED LATTICE MAST
 (PAINTED RED & WHITE)

Our Reference:
T8949 / 17/2/3/GS-81

Your Reference:

17 February 2012

**Owner Remaining Extent of the farm
Boesmanspruit 9 IT**
National Government of the Republic of
South Africa
Private Bag X3
BRAAMFONTEIN
2017



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

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

Via Registered Mail

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 (gg) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environmental and Tourism to establish a telecommunication base station on **Portion 1 of the Farm Boesmanspruit 9 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

M NIEHOF
For: Torbiouse Solutions CC

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2 / 3 / GS - 81

Regulation 546 activity 3 (a) & (b) : (a) ii (gg) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: **T8949 Boesmanspruit Farm**

Location: **Portion 1 of the Farm Boesmanspruit 9 IT**

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

Alternative 1: **Latitude: 26° 01' 06.4" S Longitude: 30° 02' 49.70" E (Latitude type mast painted red and white)**

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

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of Chapter 5 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: Wilbert van't Foort

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

E-mail: admin@infraplan.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:

16 February 2012

UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2 / 3 / GS - 81

Umyalelo womihetho 546 umsebenzi 3 (a) & (b) : (a) ii (gg) : Isakhiwo esiyizizinda sezokuxhumana ngodingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: **T8949 Boesmanspruit Farm**

Indawo: **Portion 1 of the Farm Boesmanspruit 9 IT**

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

Esihlukkile 1: **Ububanzi: 26° 01' 06.4" S Ubude: 30° 02' 49.70" E Induku ye-lattice ependwe ngokubomvu nokumhlophe**

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

Izingqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelana nemiya lelo yomihetho 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 yomihetho 5 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)):

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

Kuqondiswe ku- Wilbert van't Foort

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

i-e-meyili: admin@infraplan.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 aliche isitatimende esibhalwe noma isicelo sokubhalisa, namagama abo, ikheli lendawo neleposi (kufakwe ifeksi ne-e-meyili uma kunokwenzeka) kanye nezinqombolo zokubathinta futhi basho nenombolo yereferensi yomsebenzi, ku-EAP ezinsukwini zekhalenda ezingama-30 kusukela ekushicilelweni kwalesi saziso.

Usuku lokushicilelwa kweSaziso:

16 February 2012



1207 Purnama Road
 Bukit B. Industri Complex
 Kawasan 15
 41100 Klang, Selangor
 Tel: +6173 342 2888
 Fax: +6173 342 2888
 Purnama 14th
 Purnama Bldg 14th
 North Port

SITE NAME
BOESMANSPRUIT FARM

BASE STATION NUMBER
T8949

REV	DATE	BY	DESCRIPTION
A	25/11/2011	MY	FIRST ISSUE

NOTES
 OWNER 1: BENSON ROBERT ENAYET
 OWNER 2: BENSON CHRISTINA ELZABETH

PROPERTY DESCRIPTION
 STRICTLY COMPANY CONFIDENTIAL
 POSITION 1 OF THE FARM
 BOESMANSPRUIT 911

COORDINATES
 LAT: 28° 01' 06.40" S
 LONG: 30° 02' 48.70" E

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

ADDRESS
 OFF THE R33 NEAR PIETER DE BRUNPARK,
 BETWEEN HENDRIKA AND CAROLINA,
 IMPJALANGA



414 Numpang Road
 Duren Sawit
 Jakarta
 15084
 Tel: +62 (21) 864 18048
 Fax: +62 (21) 864 18079
 info@infrastructureps.com

PROJECT NUMBER
 115249

SCALE: NTS
 DRAWN: MELISSA YOUNG
 DATE: 25/11/2011
 REF. NO: 81278948

FACILITY ILLUSTRATION
SHEET 9 OF 9

TYPICAL 3-LEGGED LATTICE MAST
 (PAINTED RED & WHITE)

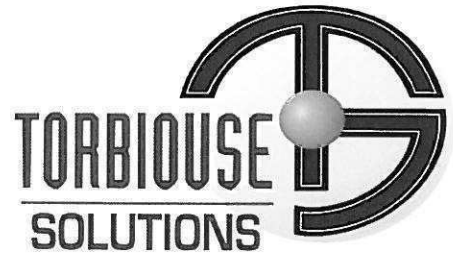


Our Reference:
T8949 / 17/2/3/GS-81

Your Reference:

17 February 2012

Owner Remaining Extent of the farm Leliefontein 1IT
E J H Roux Trust
P.O Box 116
CAROLINA
1185



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

Via Registered Mail

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 (gg) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environmental and Tourism to establish a telecommunication base station on **Portion 1 of the Farm Boesmanspruit 9 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

M NIEHOF
For: Torbiouse Solutions CC

Our Reference:
T8949 / 17/2/3/GS-81

Your Reference:

17 February 2012

**Owner Remaining Extent Portion 7
Of the farm Roodepoort 6 IT**
Mr. C.M.J Papenfus
P.O Box 71
CAROLINA
1185



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

Via Registered Mail

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 (gg) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environmental and Tourism to establish a telecommunication base station on **Portion 1 of the Farm Boesmanspruit 9 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

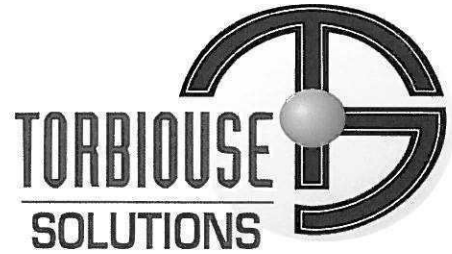
M NIEHOF
For: Torbious Solutions CC

Our Reference:
T8949 / 17/2/3/GS-81

Your Reference:

17 February 2012

**Owner Remaining Extent Portion 8
Of the farm Leliefontein 1IT**
C.M.J Papenfus Trust
P.O Box 71
CAROLINA
1185



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

Via Registered Mail

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 (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environmental and Tourism to establish a telecommunication base station on **Portion 1 of the Farm Boesmanspruit 9 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

M NIEHOF
For: Torbiouse Solutions CC

Our Reference:
T8949 / 17/2/3/GS-81

Your Reference:

17 February 2012

**Owner Remaining Extent Portion 15
Of the farm Roodepoort 6 IT**
U B Trust
P.O Box 285
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@torbiousesolutions.co.za

Via Registered Mail

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 (gg) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environmental and Tourism to establish a telecommunication base station on **Portion 1 of the Farm Boesmanspruit 9 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

M NIEHOF
For: Torbiouse Solutions CC

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_087**

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 Dat	
Site ID Number:	8949	Construction End Date:	
Site Name:	Boesmanspruit Farm		
Lat_degree:	26	Lat_minute:	1
Long_degree:	30	Long_minute:	2
		Lat_seconds:	3.9
		Long_seconds:	49.4
Site Elevation_m:	1619	Coordinate Data Source	Handheld GPS (non surv)
Structure Height_m:	54	Coordinate Other	
Sub Structure Heigh_m:	0		
Height to top of Structure_m	1673	Elevation Data Source	Handheld GPS (non surv)
GuyWireJib_m:		Elevation Other	

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
SOUTH AFRICAN CIVIL AVIATION AUTHORITY	
 Koos Pretorius Act.Manager: A.O.C.	
Name:	Date
Date: <u>29/06/2012</u>	
APPROVED ✓	

G1(d) – Proof of Newspaper Advertisement

G2: Motivation for Exemption of assessing alternatives

Our Reference:
T8949 Boesmanspruit Farm

Your Reference:
17/2/3/GS-81

T 8949

29 May 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@torblousesolutions.co.za

Attention: **Mr Bheki Mndawe**
Fax No: 072 814 5409

Dear Sir,

MOTIVATION FOR EXEMPTION FROM ASSESSING ALTERNATIVES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 1 OF THE FARM BOESMANSPRUIT 9 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:

Portion 1 of the farm Boesmanspruit 9 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 property is already developed and the site is on utilised grazing. 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 on 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) prescribed day and night markings, 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 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) to be placed at top of mast. Telecommunications directional antennae to be placed underneath the Kathrein antennae by possible future share parties. Microwave dish to be placed at 48m height on the mast. MTN mini-D equipment container (with future extension for possible share parties) to be placed on ground level under the mast. New MTN standard concrete manhole for future fibre optic link with 110mm underground nextube sleeve & 1x7-way duct for future fibre optic cable (strapped) in a 450mm x 90mm deep trench 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 50m 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

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

REGISTERED LETTER GEREGISTREERDE BRIEF (with an insurance option/met 'n versekeringsopsie)		T8949 	
Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ c Service fee / Diensgeld R _____ c Insurance / Versekering R _____ c Total / Totaal R _____ c	
Addressed to/Geadresseer aan The Municipal Manager Environmental Management Section P.O. Box 24 Carolina <u>11185</u> Postcode/Poskode		Insured value of contents Versekerde waarde van inhoud R _____ c	
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.		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
		Initial of accepting officer Paraaf van aaneem-beampte	
		Date Stamp 	
		Affix Track and Trace ORDINARY PARCEL ShareCall 0860 111 502 www.sapo.co.za PE 619 151 661 ZA CUSTOMER COPY 301016 Klientaafskrif	

REGISTERED LETTER GEREGISTREERDE BRIEF (with an insurance option/met 'n versekeringsopsie)		T8949 	
Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ c Service fee / Diensgeld R _____ c Insurance / Versekering R _____ c Total / Totaal R _____ c	
Addressed to/Geadresseer aan The Ward Councillor Luthuli Local Municipality Ward 21 P.O. Box 24 Carolina <u>11185</u> Postcode/Poskode		Insured value of contents Versekerde waarde van inhoud R _____ c	
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.		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
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Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ c Service fee / Diensgeld R _____ c Insurance / Versekering R _____ c Total / Totaal R _____ c	
Addressed to/Geadresseer aan The Municipal Manager Gert Sibande District P.O. Box 1748 Ermelo <u>21350</u> Postcode/Poskode		Insured value of contents Versekerde waarde van inhoud R _____ c	
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		Date Stamp 	
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REGISTERED LETTER GEREGISTREERDE BRIEF (with an insurance option/met 'n versekeringsopsie)		T8949 	
Full tracking and tracing/Volledige volg en spoor		Postage paid R _____ c Service fee / Diensgeld R _____ c Insurance / Versekering R _____ c Total / Totaal R _____ c	
Addressed to/Geadresseer aan South African Heritage Resources Agency P.O. Box 4637 Cape Town <u>81000</u> Postcode/Poskode		Insured value of contents Versekerde waarde van inhoud R _____ c	
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.		Enquiries/Navrae Toll-free number Tolvry nommer 0800 111 502	
		Initial of accepting officer Paraaf van aaneem-beampte	
		Date Stamp 	
		Affix Track and Trace ORDINARY PARCEL ShareCall 0860 111 502 www.sapo.co.za PE 619 151 644 ZA CUSTOMER COPY 301016 Klientaafskrif	

**REGISTERED LETTER
GEREGISTREERDE BRIEF**

T8949



(with an insurance option/met 'n) versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Gedraeseneer aan

Mr. R.E. Benson
P.O. Box 1316

Cardina

11709 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.

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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

Toil-free number

Tolvry nommer

0800 111 502

Mr. Track and Trace
ORDINARY PARCEL
Share Call 0800 111 502 www.sapo.co.za

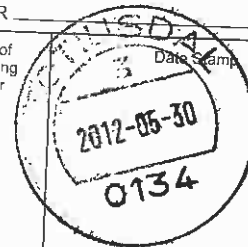
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Datumstempel

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REGISTERED LETTER
GEREGISTREERDE BRIEF
(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
Mr. R.E Benson
P.O Box 1316

Carolina 11185 Postcode
Postkode

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Postage paid R _____ c
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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
2012-05-30
0134

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REGISTERED LETTER
GEREGISTREERDE BRIEF
(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
The Ward Councillor
uthuli Local Municipality
ward 21 P.O Box 24
Carolina 11185 Postcode
Postkode

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

Initial of accepting officer _____
Date Stamp
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Datumstempel

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GEREGISTREERDE BRIEF
(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan
The Municipal Manager
Gert Sibande District
P.O Box 1748
Emmalo 21350 Postcode
Postkode

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Tolvry nommer
0800 111 502

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Date Stamp
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CUSTOMER COPY 301016
Klientatskrif

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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 Resources
Agency
P.O Box 4637
Cape Town 8000 Postcode
Postkode

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Tolvry nommer
0800 111 502

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PB 619 151 644 ZA

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Datumstempel

CONSIGNOR COPY

T6449



PN5911329

PostNet Name: INNOVATIONHUB

Tel. No.: (012) 841 2405 E-CIT Acc. No.:

From: (Sender) (Company Name) TOR001
Street Address

Suburb: Torbriouse Solutions
(012) 804 1504

City/Town: Code:

Contact: Wilbert van't Foot Tel

E-mail:

To: (Receiver) (Company Name) Bhekki Mndane

Street Address: 10 DEDET The Deputy Director

Suburb: Mt Sibaxole 13 W Jagersstr

City/Town: Enneldo Code: 2550

Contact: Bhekki Mndane Tel: 072 814 5409

E-mail: bmk@mpg.gov.za

Insurance Yes No If yes, state value

Domestic: OVERNIGHT COURIER (1 HR) ECONOMY (48 HRS-23HRS) DAWN COURIER (9HRS) SATURDAY NEXT-DAY (24-48 HRS) SAME-DAY COURIER OTHER SPECIFY PUBLIC HOLIDAY AFTER HOURS

International: DOCUMENTS NON-DOCUMENTS

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE (OVERLEAF) WHICH SHALL APPLY TO THIS CONSIGNMENT AND ALL FUTURE CONSIGNMENTS ACCEPTED BY POSTNET. WE FURTHER DECLARE THAT THIS CONSIGNMENT DOES NOT CONTAIN DANGEROUS GOODS.

No. of Parcels	Description	Length in cm	Breadth in cm	Height in cm	Mass in kg
1	EXP				

EXPRESS PACK SECURITY NUMBER ON LIP OF FLYER

SENDER

Name: P. Devereux Date: 4/06/2012

Signature: [Signature] Time:

Total No. of Parcels Total Vol Total Mass

CHARGES	RANDS	CENTS
Basic Tariff		
Surcharge		
Insurance		
Packaging Surcharge		
VAT		
TOTAL INCL. VAT		

POSTNET Courier

ACCEPTED BY POSTNET

Name: [Signature]
Signature: [Signature]
Date: [Date] Time: [Time]