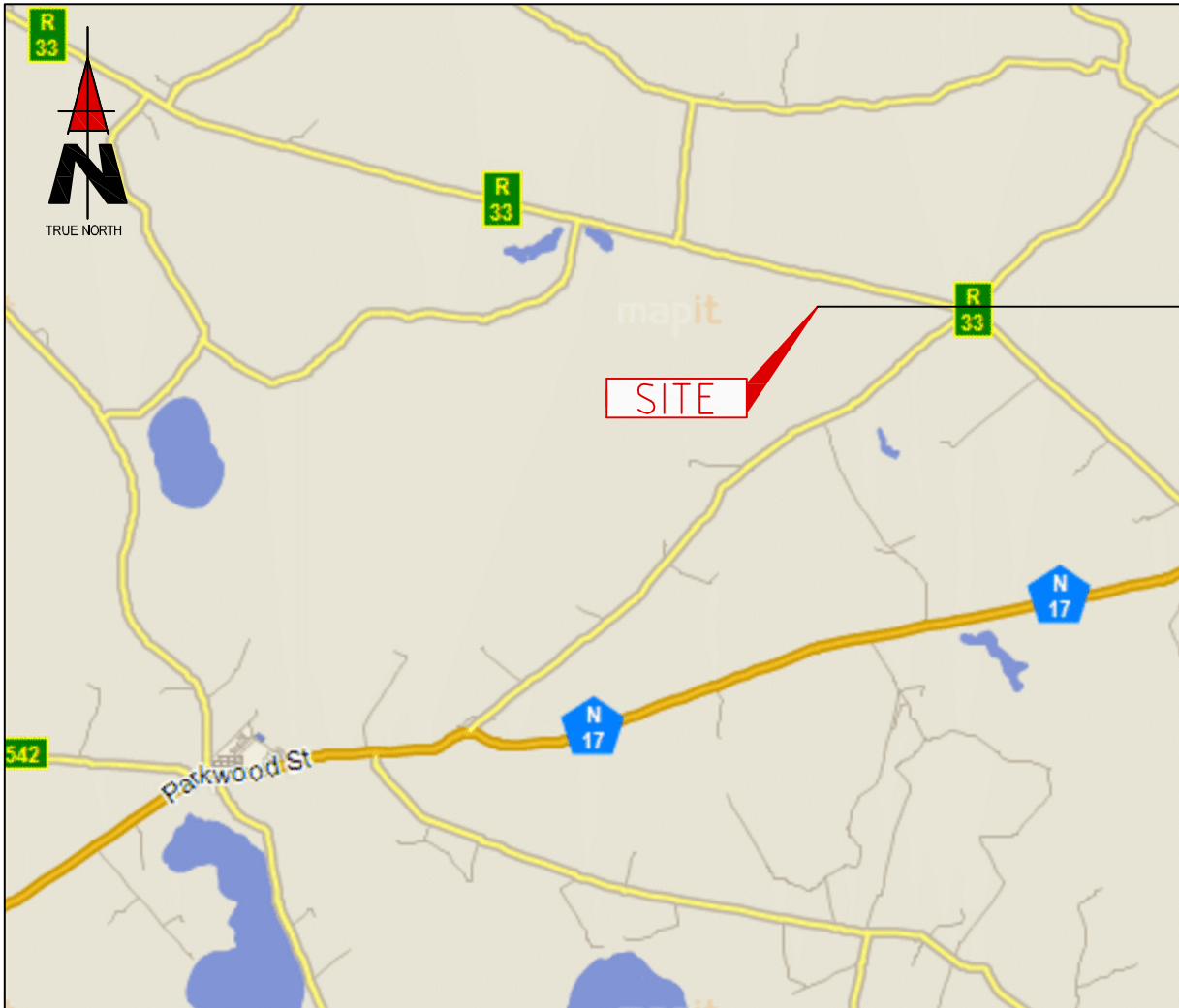


Appendix A: Site Plans



T9238
GLENTYAN FARM



1267 Pretorius Street
Block B, Hadefields Complex
Hatfield, 0083

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

Postnet Suite 146
Private Bag X15
Menlo Park

SITE NAME:
GLENTYAN FARM

BASE STATION NUMBER:
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
OWNER: UYS NICOLAAS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:
PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
LAT : 26° 10' 05.70" S
LONG : 30° 20' 30.60" E

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

ADDRESS:
GLENTYAN FARM,
OFF THE R33 TOWARDS CAROLINA,
MPUMALANGA



414 Rustic Road
Silvertondale
0184

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

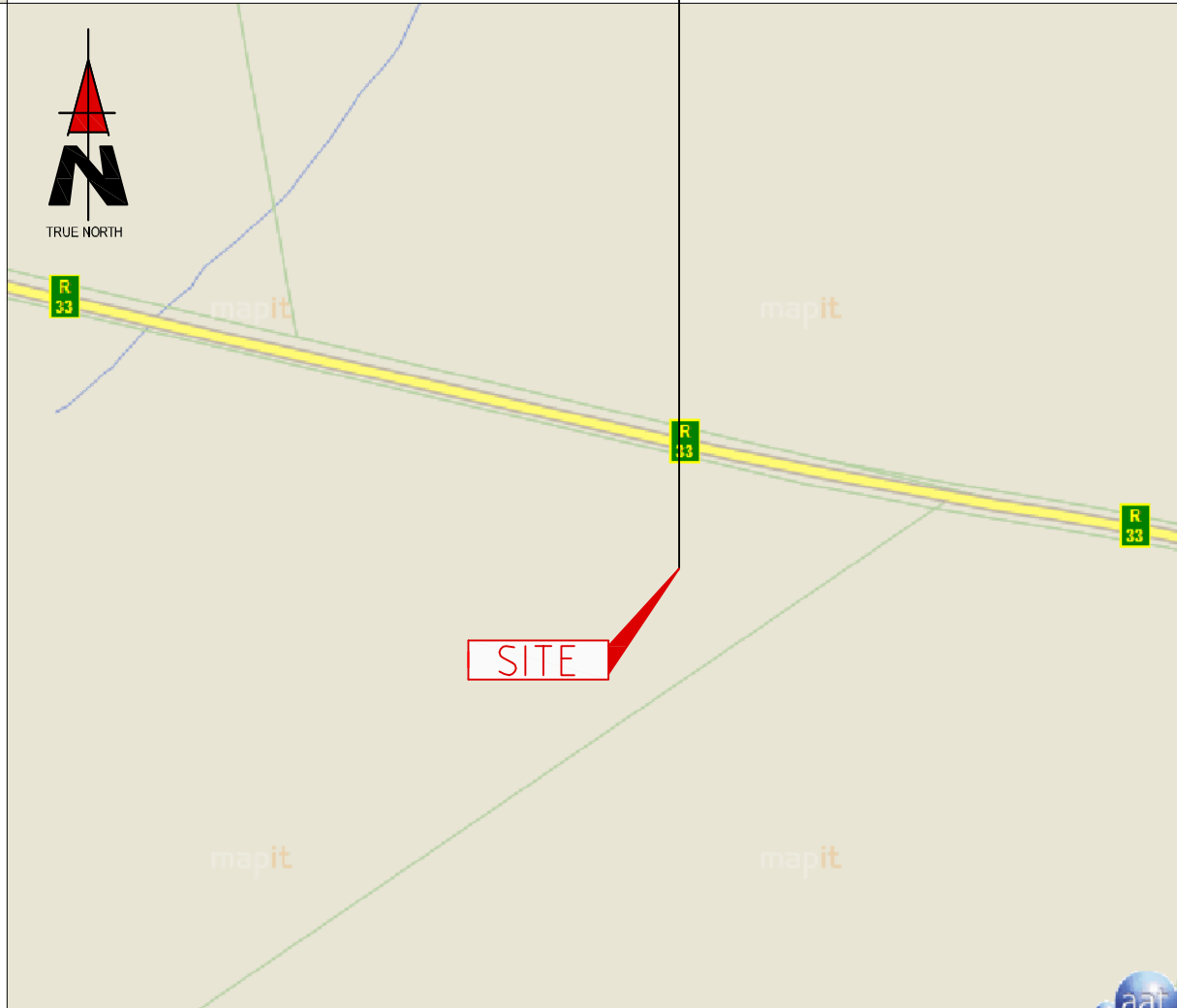
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Toitotsdal
0134

RFQ NO.:
160211

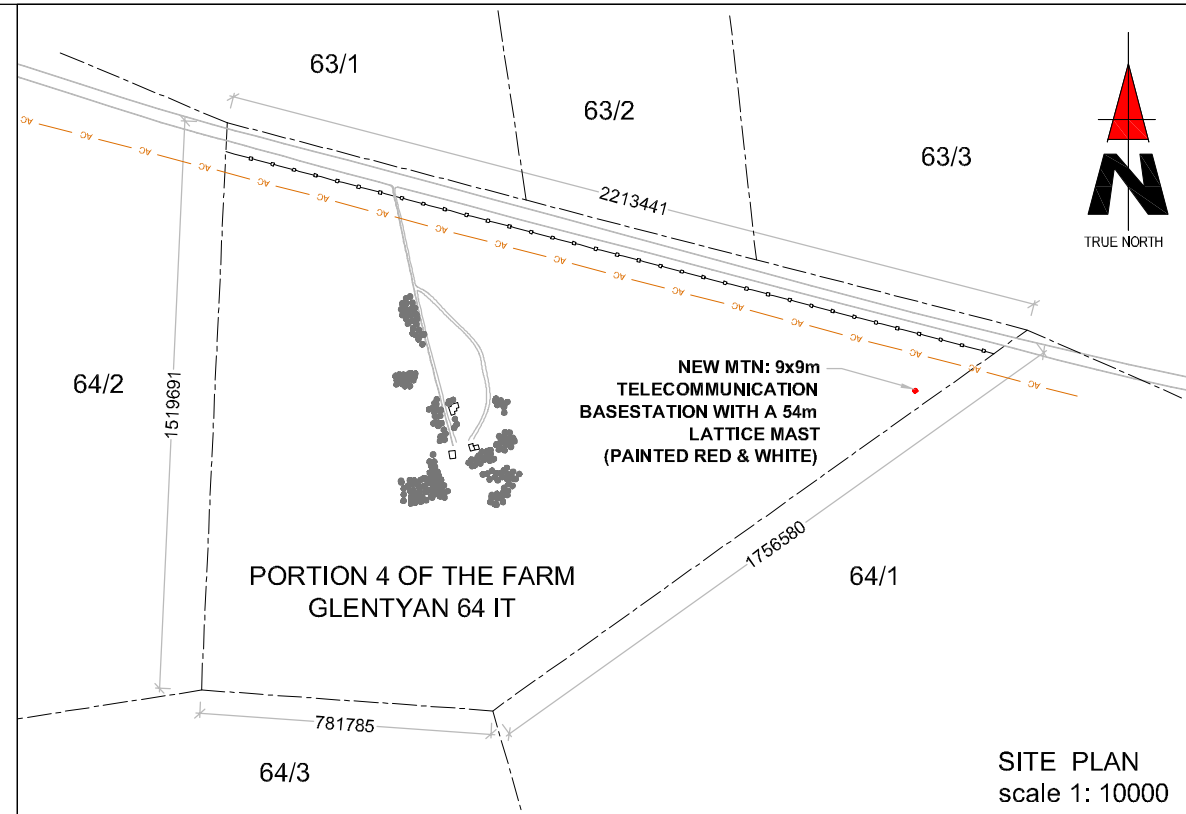
PROJECT NUMBER:
116846

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

DRAWN: HENDRICK MAKINTA DATE: 13/02/2012
SCALE: NTS REF. NO: 812/T9238



SITE



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REV	DATE	BY	DESCRIPTION
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SITE PLAN
scale 1: 10000

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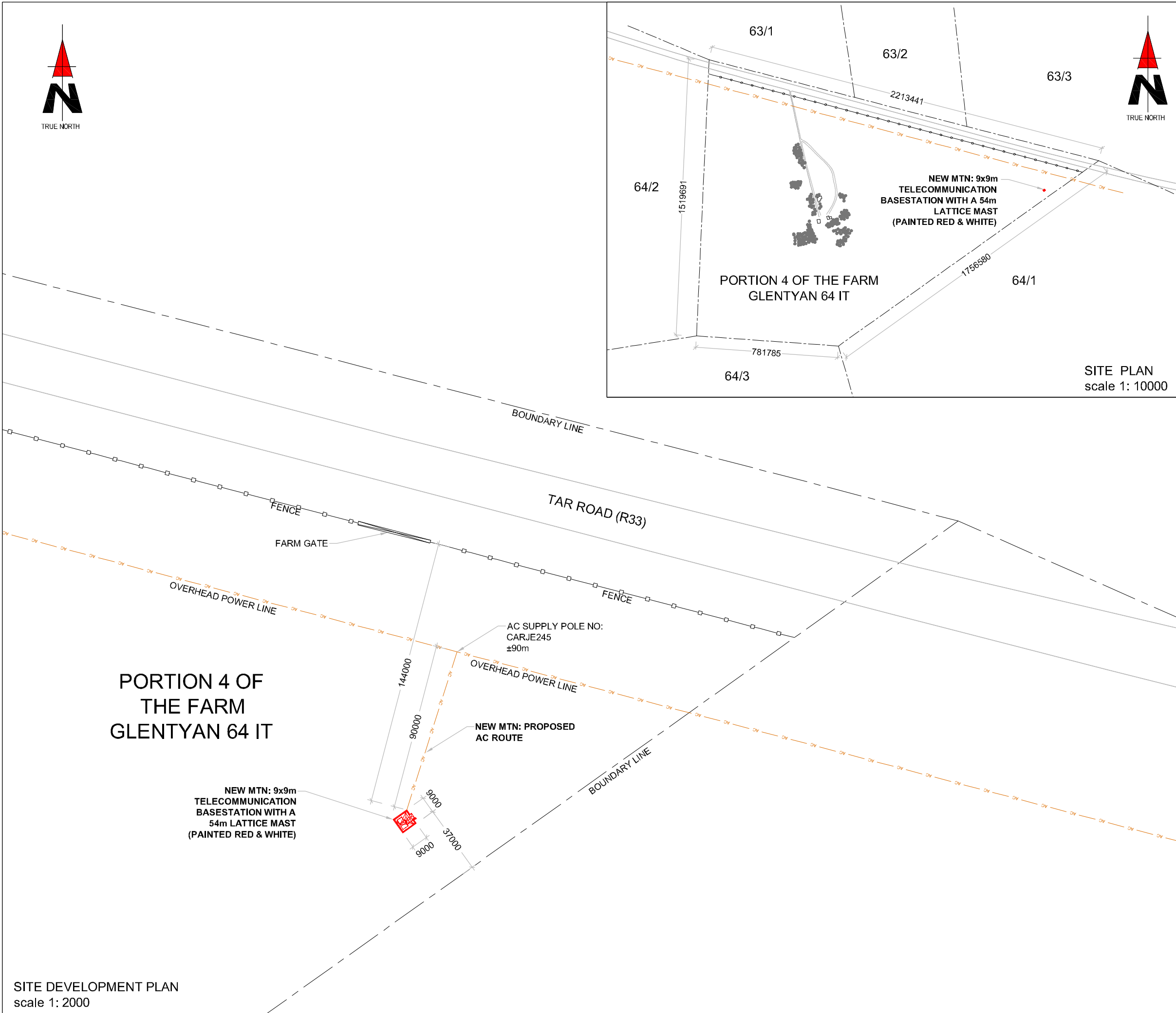
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SCALE: 1:2000 REF. NO: 812/T9238

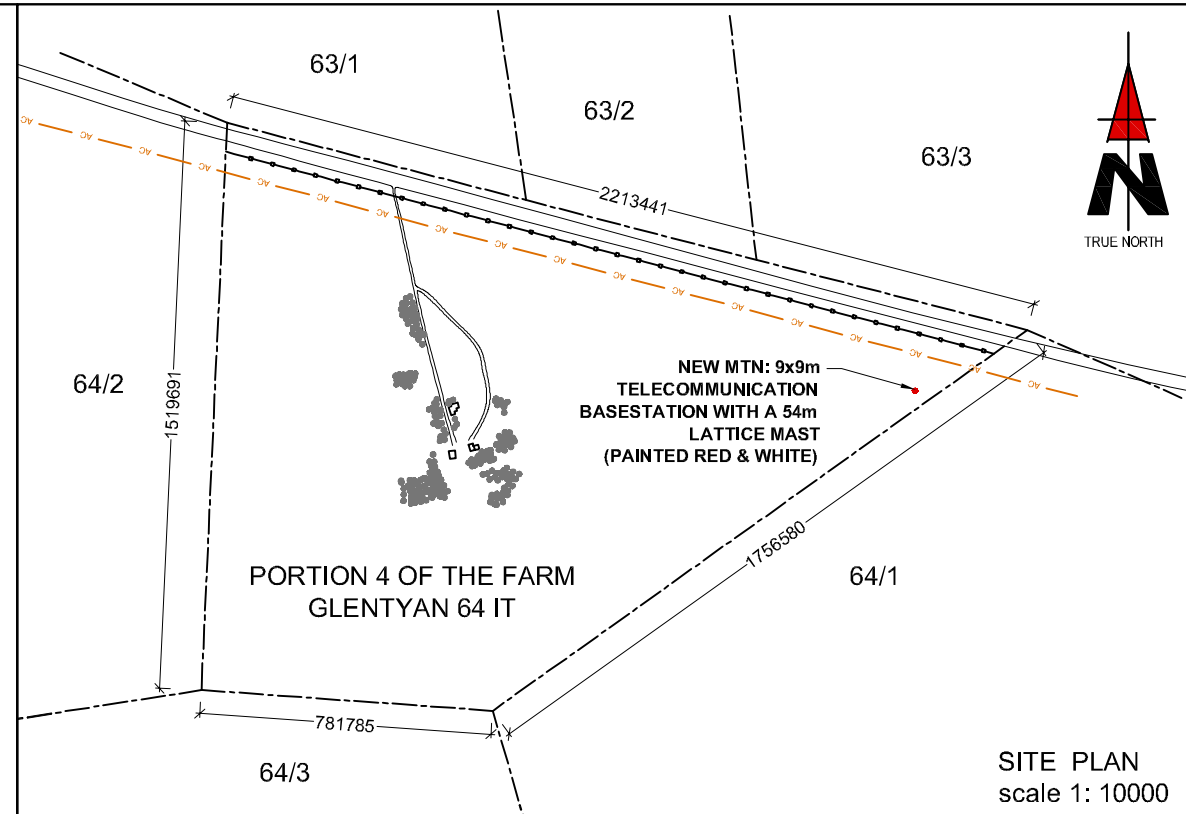
SITE DEVELOPMENT PLAN
SHEET 3 OF 9



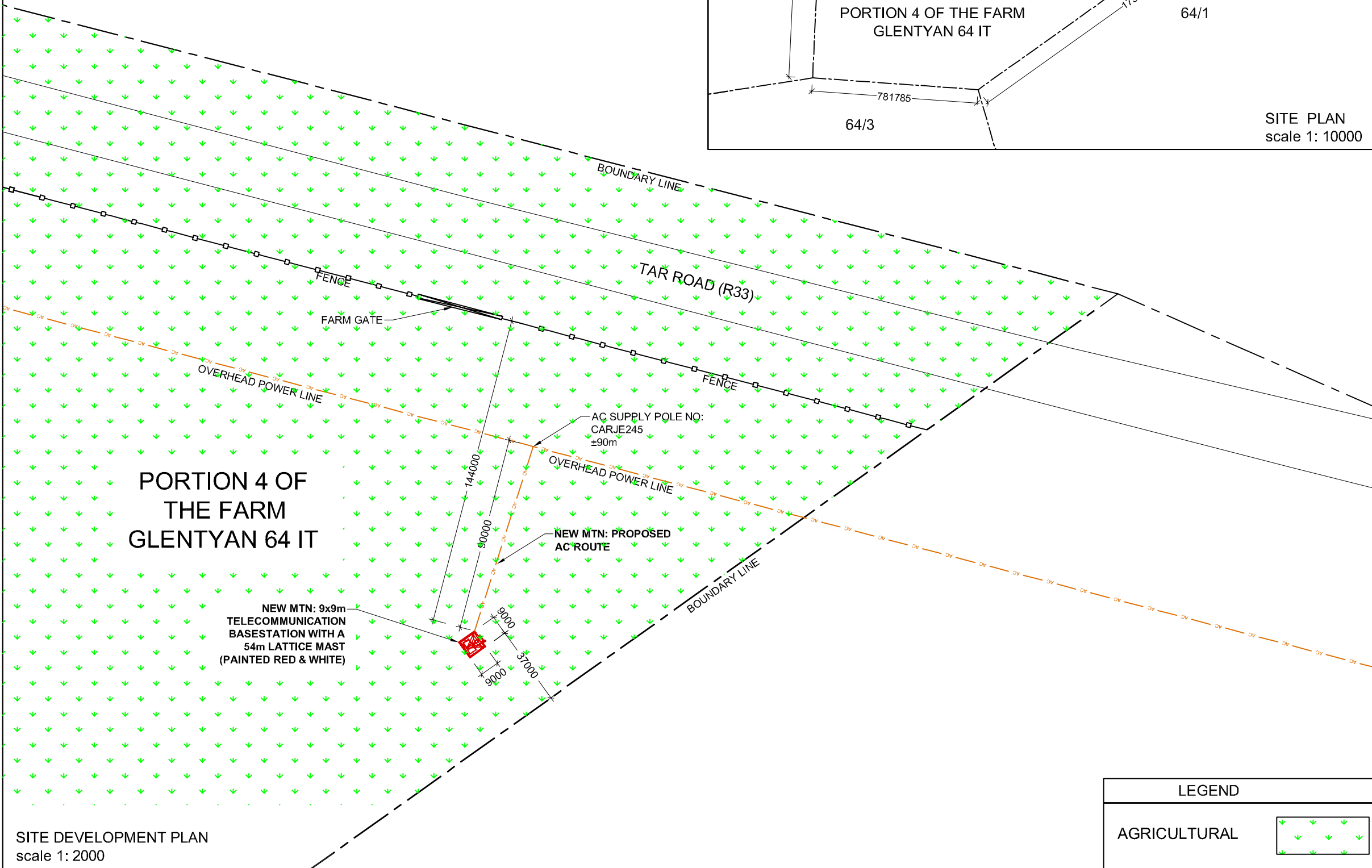
PORTION 4 OF
THE FARM
GLENTYAN 64 IT

NEW MTN: 9x9m
TELECOMMUNICATION
BASESTATION WITH A
54m LATTICE MAST
(PAINTED RED & WHITE)

SITE DEVELOPMENT PLAN
scale 1: 2000



SITE PLAN
scale 1: 10000



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BASE STATION NUMBER:
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REV	DATE	BY	DESCRIPTION
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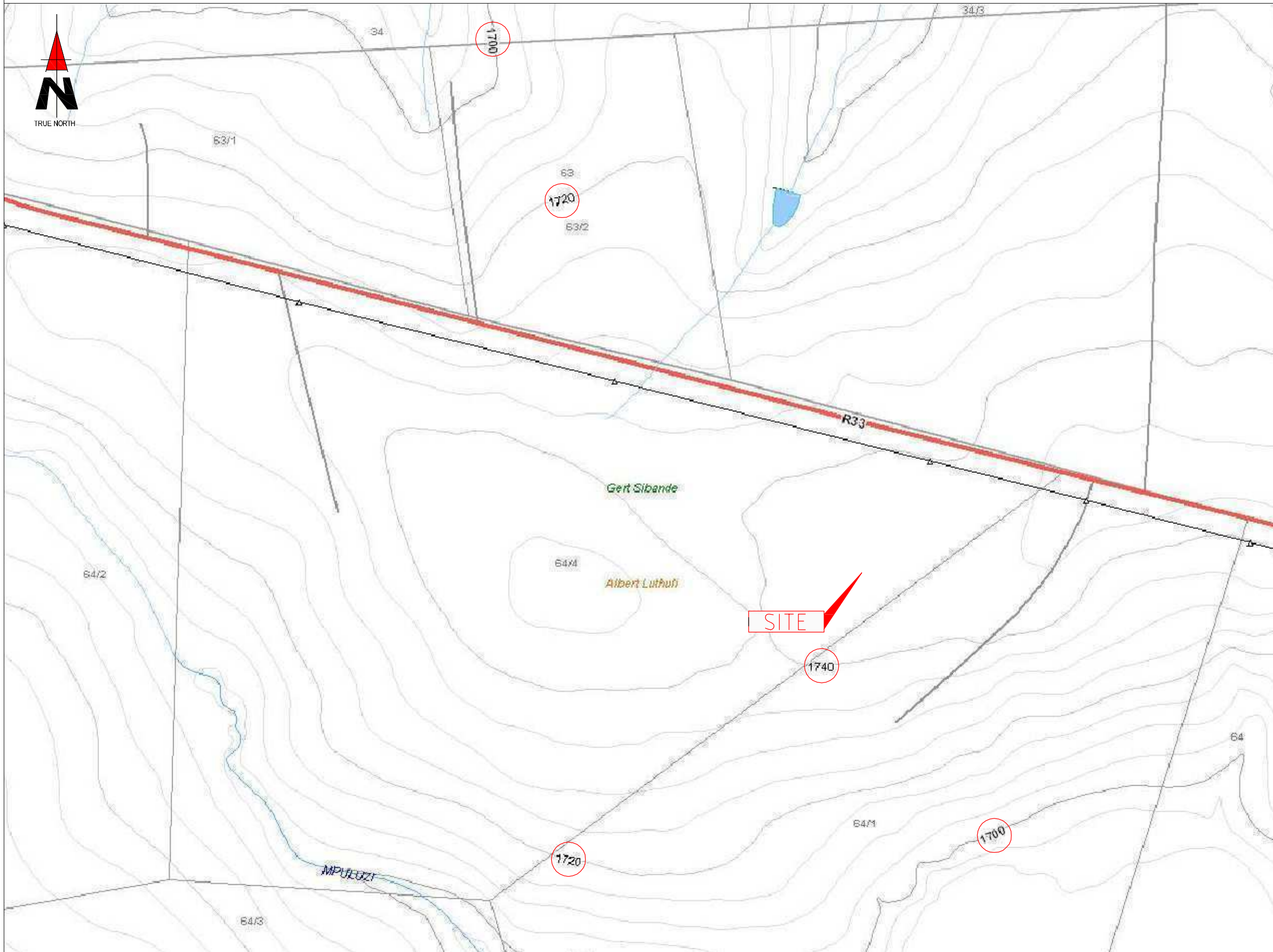
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LEGEND	
AGRICULTURAL	

SITE DEVELOPMENT PLAN
scale 1: 2000



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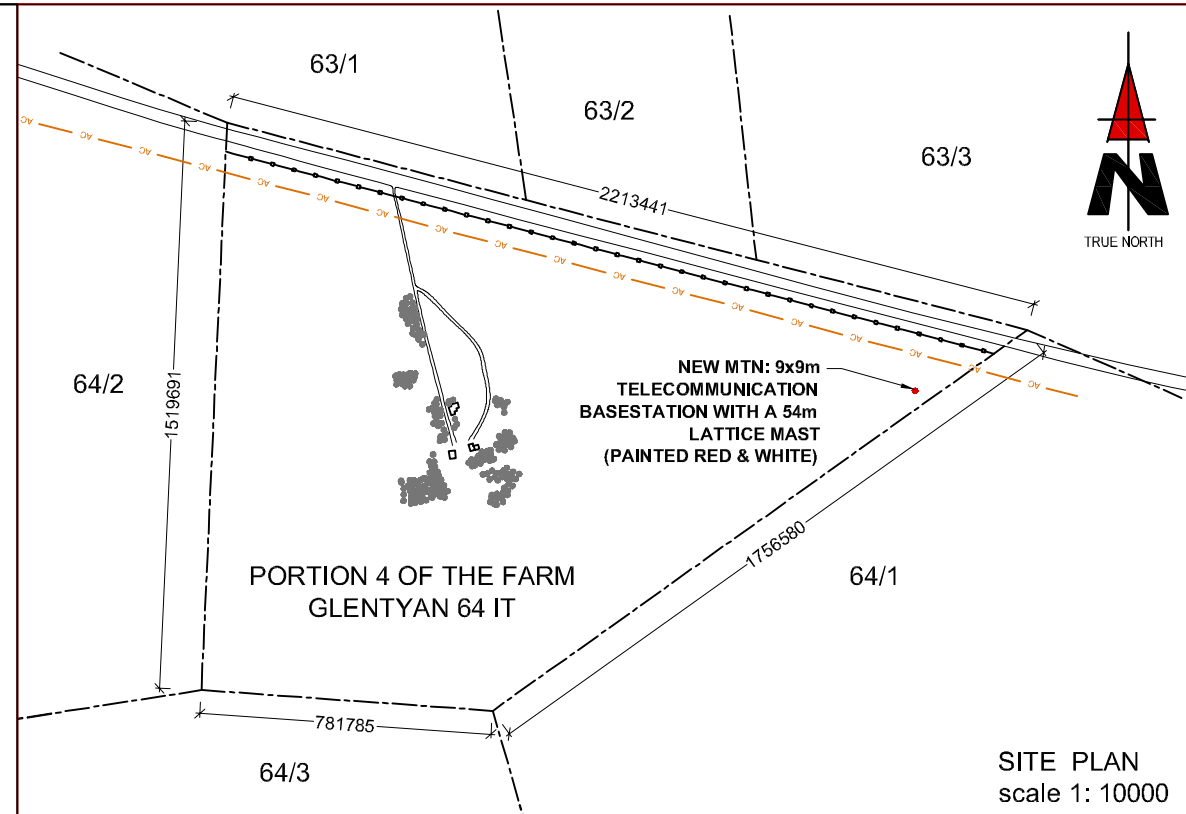
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SCALE: NTS REF. NO: 812/T9238

CONTOUR INTERVAL
SHEET 5 OF 9

Appendix B: Site Photographs



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SITE NAME: **GLENTYAN FARM**

BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
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SITE PLAN
scale 1: 10000

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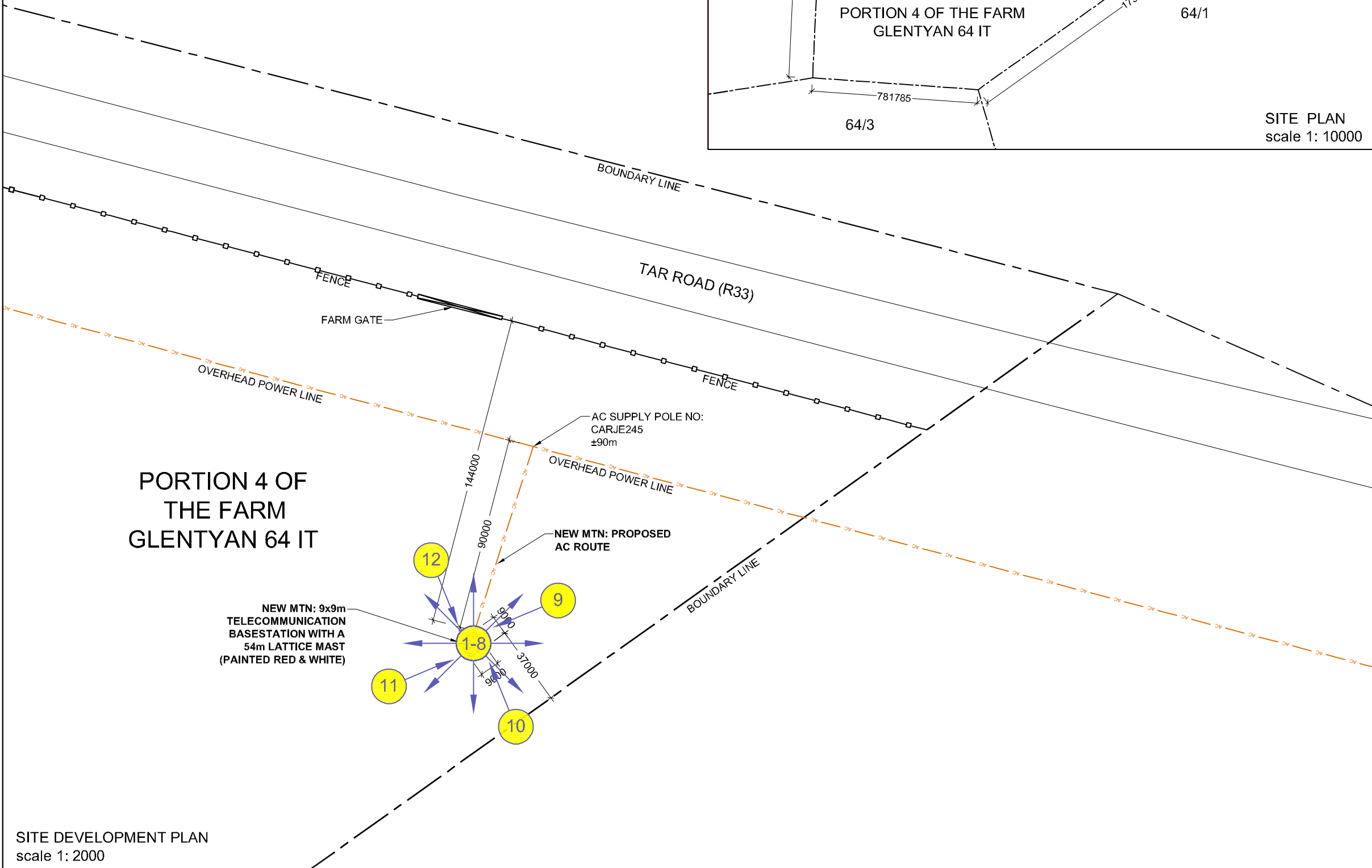
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SCALE: 1:2000 REF. NO: 812/T9238

SITE PHOTOGRAPHS
SHEET 6 OF 9



PORTION 4 OF
THE FARM
GLENTYAN 64 IT

NEW MTN: 9x9m
TELECOMMUNICATION
BASESTATION WITH A
54m LATTICE MAST
(PAINTED RED & WHITE)

SITE DEVELOPMENT PLAN
scale 1: 2000

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



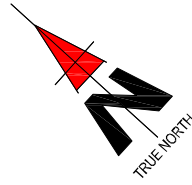
12. View on base station position direction West

SITE PHOTOGRAPHS

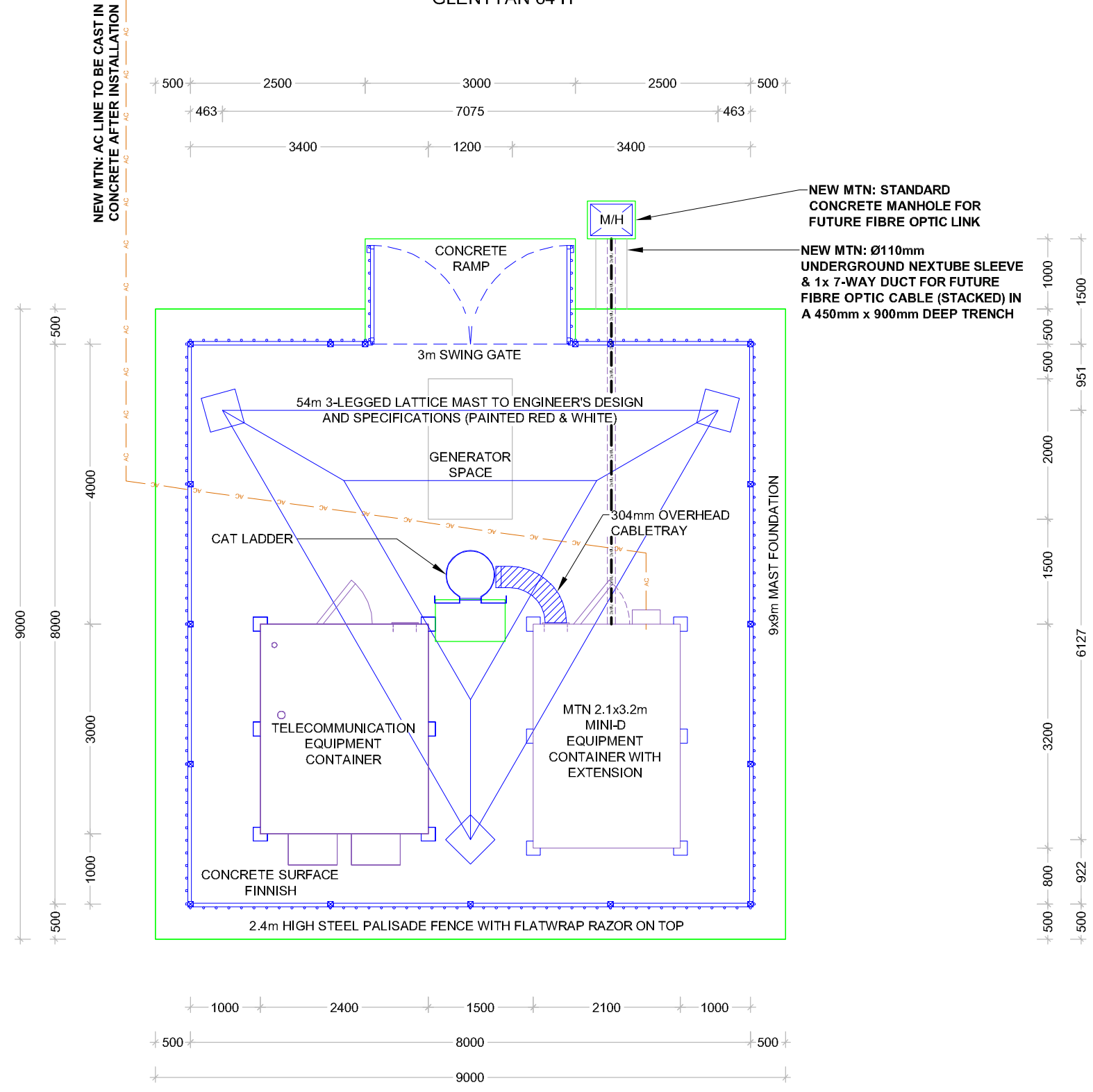


13. General view on site establishment area

Appendix C: Facility Illustrations



PORTION 4 OF THE FARM
GLENTYAN 64 IT



- NOTES:**
1. HIGH RISK SITE
 2. CONTAINER TO HAVE SECURITY GATE
 3. AC LINE TO BE CAST IN CONCRETE AFTER INSTALLATION
 4. ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION



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RFQ NO.:
160211

PROJECT NUMBER:
116846

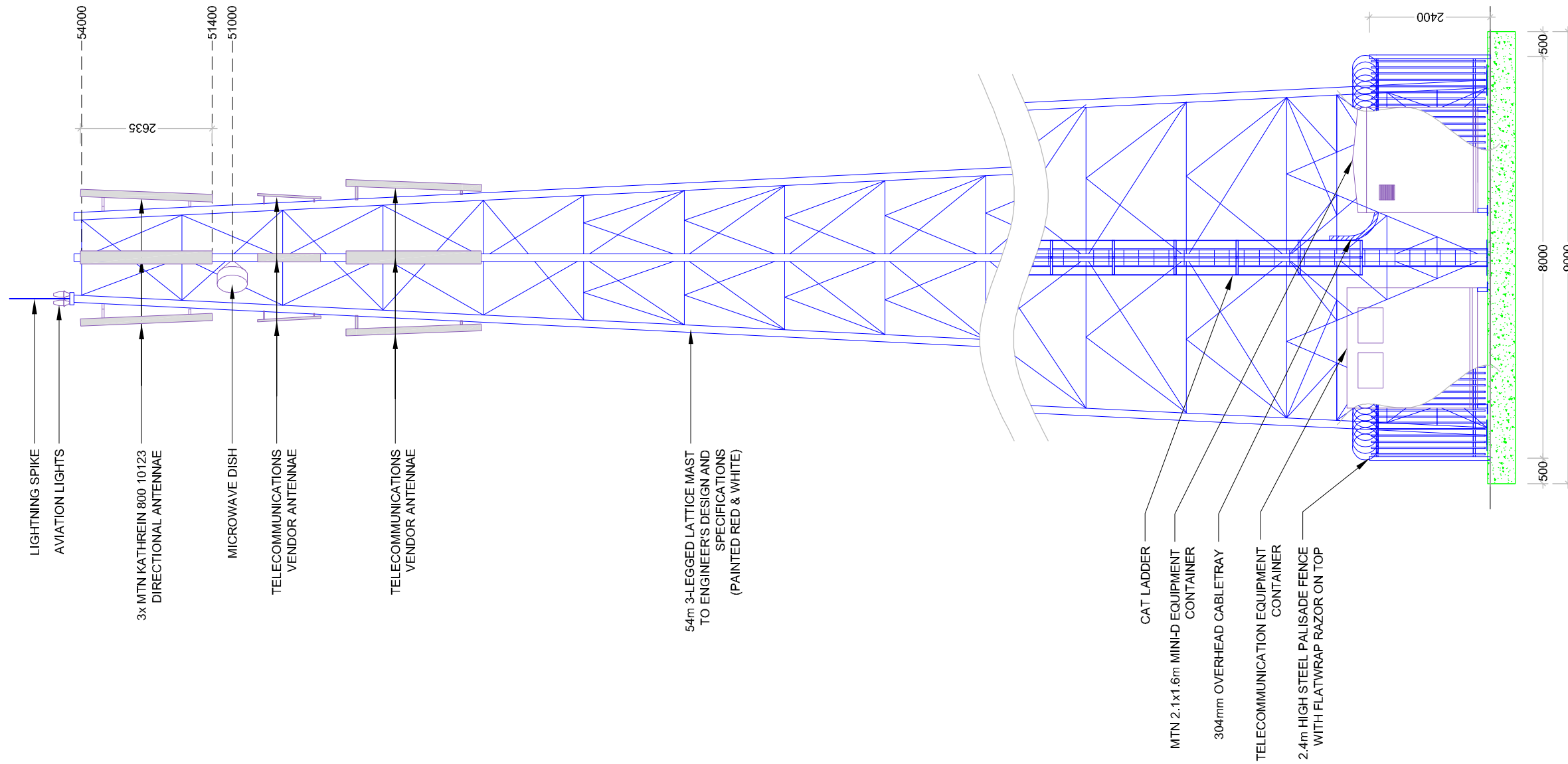
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SITE DETAIL
SHEET 7 OF 9

MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	800 10123	51.4			7/8"	± 55
2	120°	800 10123	51.4			7/8"	± 55
3	240°	800 10123	51.4			7/8"	± 55



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**SOUTH WEST ELEVATION
SHEET 8 OF 9**



TYPICAL LATTICE MAST PAINTED RED & WHITE



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SCALE: NTS REF. NO: 812/T9238

FACILITY ILLUSTRATION
SHEET 9 OF 9

Appendix D: Specialist Reports – Not Applicable

Appendix E: Comments and responses report

Interested & Affected Parties Register / Comments and Responses Report

Site number:
Site Name:
EIA reference no.:

T9238
Glentyan Farm
17/2/3GS-116

Interested and Affected Parties Register							Comments and Responses Report	
No.	Date	Name	Address	Contact detail	Reacted to:	Record of initial I&AP registration	Issues raised / Comments received	EAP Response
1	21/06/2012	The Municipal Manager	Albert Luthuli Local Municipality, 28 Kerk street, Carolina, 1185 / PO Box 24, Carolina, 1185	Mr DR Mango, Environmental management Section, Fax 0178431631	NA	Auto I&AP	No comments received	Sent Draft BAR Sent copy of Final BAR
2	21/06/2012	The Ward Councillor	Albert Luthuli Local Municipality, 28 Kerk street, Carolina, 1185 / PO Box 24, Carolina, 1185	JS Mbhele, Clr Ward 23, Fax 0178434001	NA	Auto I&AP	No comments received	Sent Draft BAR Sent copy of Final BAR
3	21/06/2012	The District Municipality	Gert Sibande District Municipality, Co Joubert & Oosthuse streets / PO Box 1748, Ermelo, 2350	Mr Mbuleleni Ambrose Ngcobo, Environmental Management Section, Fax 0178111207, Tel 0178017000	NA	Auto I&AP	No comments received	Sent Draft BAR Sent copy of Final BAR
4	21/06/2012	SAHRA	South African Heritage Resources Agency, 111 Harrington str, Cape Town, 8000; PO Box 4637, Cape Town, 8000	Mr P Hine/Mrs Colette Scheermeyer, Tel: 0214624502, Fax: 0214624509, Email: phine@sahra.org.za	NA	Auto I&AP	No comments received	Sent Draft BAR Sent copy of Final BAR
5	21/06/2012	SACAA	Private Bag x73, Halfway House 1685	Tel: (011) 545 1000 Fax: (011) 545 1451	NA	Auto I&AP	require day & night markings	Paint mast red & white and install red navigation lights on top
6	21/06/2012	MTPA	Mpumalanga Tourism and Parks Agency, Dullstroom Municipal Offices, Chunky Masangu Drive, Dullstroom, 1110	Frans Krige, Cell 0842322902, Tel 013 254 0279	Public Notice	Auto I&AP	No comments received	Sent Draft BAR Sent copy of Final BAR
7	19/03/2012	Landowner	Co Kleinhans & Voortrekker, TWK building, Ermelo, 2350 / PO Box 373, Carolina, 1185.	Nicolaas JJ Uys, Tel 0178470340, Cell 0849095030	Lease Negotiations	Land Owner	Signed Lease	Sent Draft BAR Sent copy of Final BAR

Appendix F: EMPR



Environmental Management Program (EMPr)

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

Mobile Telephone Networks (Pty) Ltd

Project Reference Number:

17/2/3GS-116

Portion 4 of the farm Glentyan 64 IT

T9238

5 October 2012

DOCUMENT APPRAISAL

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

Department Reference Number: 17/2/3GS-116

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EXECUTIVE SUMMARY

The proponent, MTN (Pty) Ltd, intends **THE ESTABLISHMENT OF A 54M HIGH MTN (PTY) LTD TELECOMMUNICATION MAST PAINTED RED & WHITE ON PORTION 4 OF THE FARM GLENTYAN 64 IT.**

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

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

1 INTRODUCTION

1.1 Background and Brief Project Description

The proposed project involves **THE ESTABLISHMENT OF A 54M HIGH MTN (PTY) LTD TELECOMMUNICATION MAST PAINTED RED & WHITE ON PORTION 4 OF THE FARM GLENTYAN 64 IT.**

INFRASTRUCTURE PLANNING SERVICES was appointed to compile the Environmental Management Program in respect of the proposed project.

1.1.1 Aims of the EMPR

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

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

1.1.2 Contents of the EMPR

The EMPR consists of the following sections:

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

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

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

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

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

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

2 ADMINISTRATION AND REGULATION OF ENVIRONMENTAL OBLIGATIONS

2.1 Environmental Site Agent

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

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

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

2.2 Environmental Awareness Training for Site Personnel

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

2.3 On Site Communication Procedure

2.3.1 Environmental Awareness Training for Site Personnel

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

2.3.2 Record Keeping

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

2.3.3 Photographs

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

2.3.4 Environmental Audit Report

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

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

This EMPR has been assessed/reviewed and agreed with:

HOD – Implementation

Name: _____

Region: _____

Date: _____

SUPERVISOR – Property

Name: _____

Region: _____

Date: _____

Environmental Consultant (ESA)

Name: _____

Company: _____

Date: _____

HOD - Maintenance

Name: _____

Region: _____

Date: _____

Appendix G1: Public Participation and Other Information

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

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

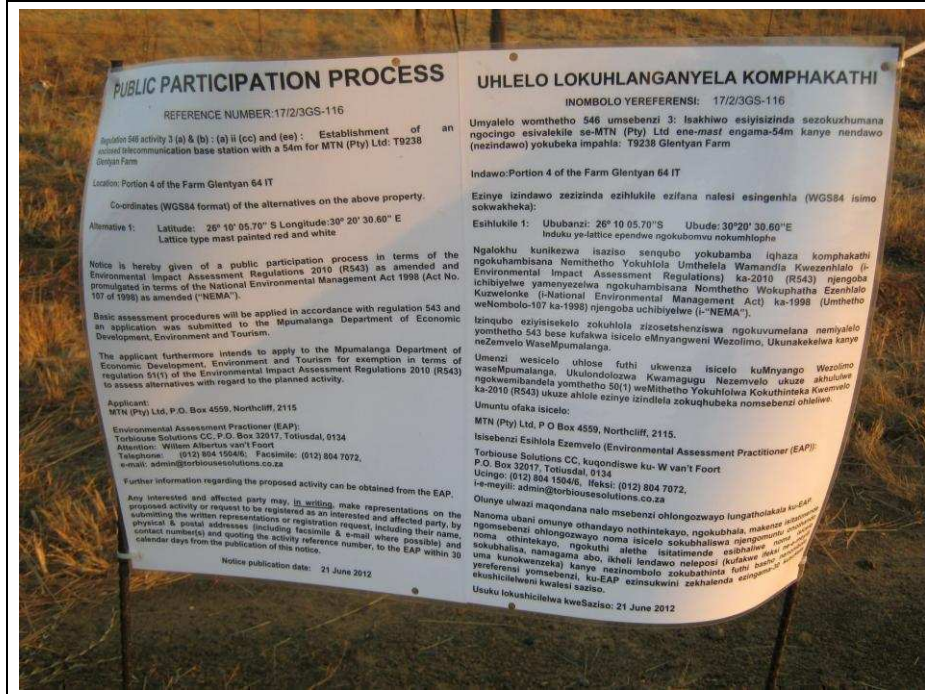
G1(c) - South African Civil Aviation Authority Information

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

G1(e) – Register of Interested and Affected Parties

G1(a) – Proof of Site Notice

Proof of Site Notice



Site Notice 1 affixed to temporary stand on corner of property

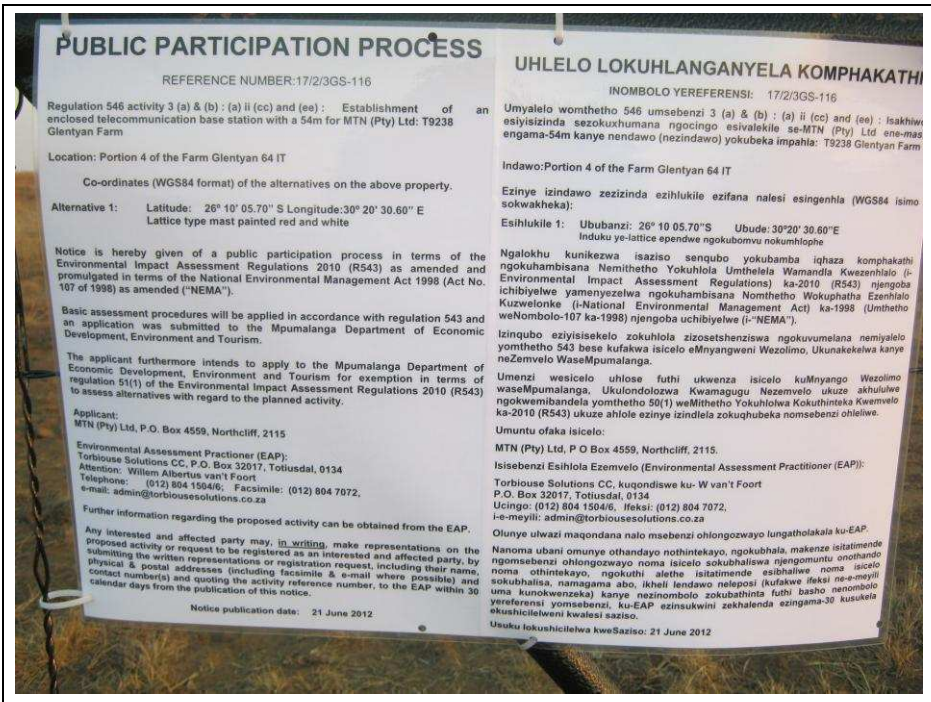


Site Notice 1 affixed to temporary stand on corner of property

Proof of Site Notice



Site Notice 1 affixed to temporary stand on corner of property



Site Notice 2 affixed to property gate

Proof of Site Notice



Site Notice 2 affixed to property gate



Site Notice 2 affixed to property gate

Proof of Site Notice



Site Notice 3 affixed to temporary stand next to road



Site Notice 3 affixed to temporary stand next to road

Proof of Site Notice



Site Notice 3 affixed to temporary stand next to road

G1(b) – Proof of Written Notices

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

T9238



Post Office

Full tracking and tracing/Volledige volg en spoor

Name and address of sender: **TORBI OUSE SOLUTIONS**
 Naam en adres van afsender: **TEL: 012 804 1504/8**
BOX 32317 TOTTENHAM 0134

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

No	Name and address of addressee Naam en adres van geadresseerde	Insured amount Versekerde bedrag	Insurance fee Versekeringsgeld	Postage Posgeld	Service fee Diensgeld	Affix Track and Trace customer copy Plak Volg-en-Spoor-klëntafskrif
1	M.V. Makhubu. Po. Box 268 Belfast 1192.					REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 002 526 ZA CUSTOMER COPY 301028R
2	G.B. Magagula. Box 511 Carolina 1185.					REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 002 985 ZA CUSTOMER COPY 301028R
3	N.J. Uys Po. Box 373 Carolina. 1185.					REGISTERED LETTER (with a domestic insurance option) ShareCall 0800 111 502 www.sapo.co.za RD 748 002 971 ZA CUSTOMER COPY 301028R
4						
5						
6						
7						
8						
9						
10						

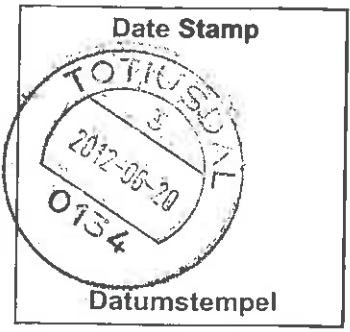
Number of letters posted 3 Total R R R R
 Getal briewe gepos

Signature of client [Signature]
 Handtekening van kliënt

Signature of accepting officer
 Hantekening van aanneembeampte

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

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



REGISTERED LETTER
GEREGISTREERDE BRIEF T9238



(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledige volg en spoor

Addressed to/Geadresseer aan

Apurulanga Tourism & Parks Agency
 Private Bag x11338
 Velspruit

1200 Postcode
 Poskode

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

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

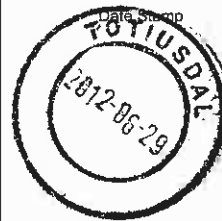
Postage paid R _____ c
 Service fee / Diensgeld R _____ c
 Insurance / Versekering R _____ c
 Total / Totaal R _____ c

Insured value of contents

Versekerde waarde van inhoud R _____ c

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

Initial of
 accepting
 officer



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

RD 748 020 652 ZA
CUSTOMER COPY 301028R
 kliëntekopie

Paraaf van
 aanneem-
 beampte

Datumstempel

Lebore-Liding Postmas: 011 483 7921 701281

Our Reference:
T9238 / 17/2/3GS-116

Your Reference:

21 June 2012



Owner of Portion 2 of the Farm Borderland 63 IT
G.B Magagula
Box 511
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@torbousesolutions.co.za

DEAR SIR/MADAM

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 IT

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 4 of the farm Glentyan 64 IT**

Attached hereto find:

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

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

Yours faithfully

WA VAN'T FOORT
For: Torbouse Solutions CC

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3GS-116

Regulation 546 activity 3 (a) & (b) : (a) ii (cc) and (ee) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: **T9238 Glentyan Farm**

Location: **Portion 4 of the farm Glentyan 64 IT**

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

Alternative 1: **Latitude: 26° 10' 05.70" S Longitude: 30° 20' 30.60" E (Lattice type mast painted red and white)**

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

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

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

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

Environmental Assessment Practitioner (EAP):

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

Attention: W van't Foot
Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072
E-mail: admin@torbiosesolutions.co.za

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

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

Notice publication date:

21 June 2012

UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3GS-116

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) ii (cc) and (ee) Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: **T9238 Glentyan Farm**

Indawo: **Portion 4 of the farm Glentyan 64 IT**

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

Esihlukile 1: **Ububanzi: 26° 10' 05.70" S Ubude: 30° 20' 30.60" E Induku ye-lattice ependwe ngokubomvu nokumhlophe**

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

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

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

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

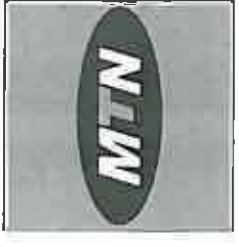
Torbiose Solutions CC., P.O. Box 32017, Totiusdal, 0134
kugondiswe ku- W van't Foot

Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072.
i-e-meyili: admin@torbiosesolutions.co.za

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

Usuku lokushicilelwa kweSaziso:

21 June 2012



1371 Pineside Street
 Block 8, Heidelberg Computer
 Heidelberg, 2043
 Phone: 011 219 342 8200
 Fax: 011 219 342 8208
 Mobile: 0833

Project: GLENTYAN FARM
 Drawing: 812/19238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HMA	FIRST ISSUE

NOTES:
 OWNER: OTS NICOLAUS JOHANNES JANSZ

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES
 LAT : 28° 10' 04.707" S
 LONG : 30° 20' 30.807" E

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPMALANGA



INFRASTRUCTURE
 PLANNING SERVICES

414 Rusk Road
 Silvertonville
 5184
 Tel: +27 (12) 861 5948
 Fax: +27 (12) 861 7973
 Admin: info@ips.co.za

P.O. Box 13017
 Tullerstrand
 0154

RFP NO:
 180211

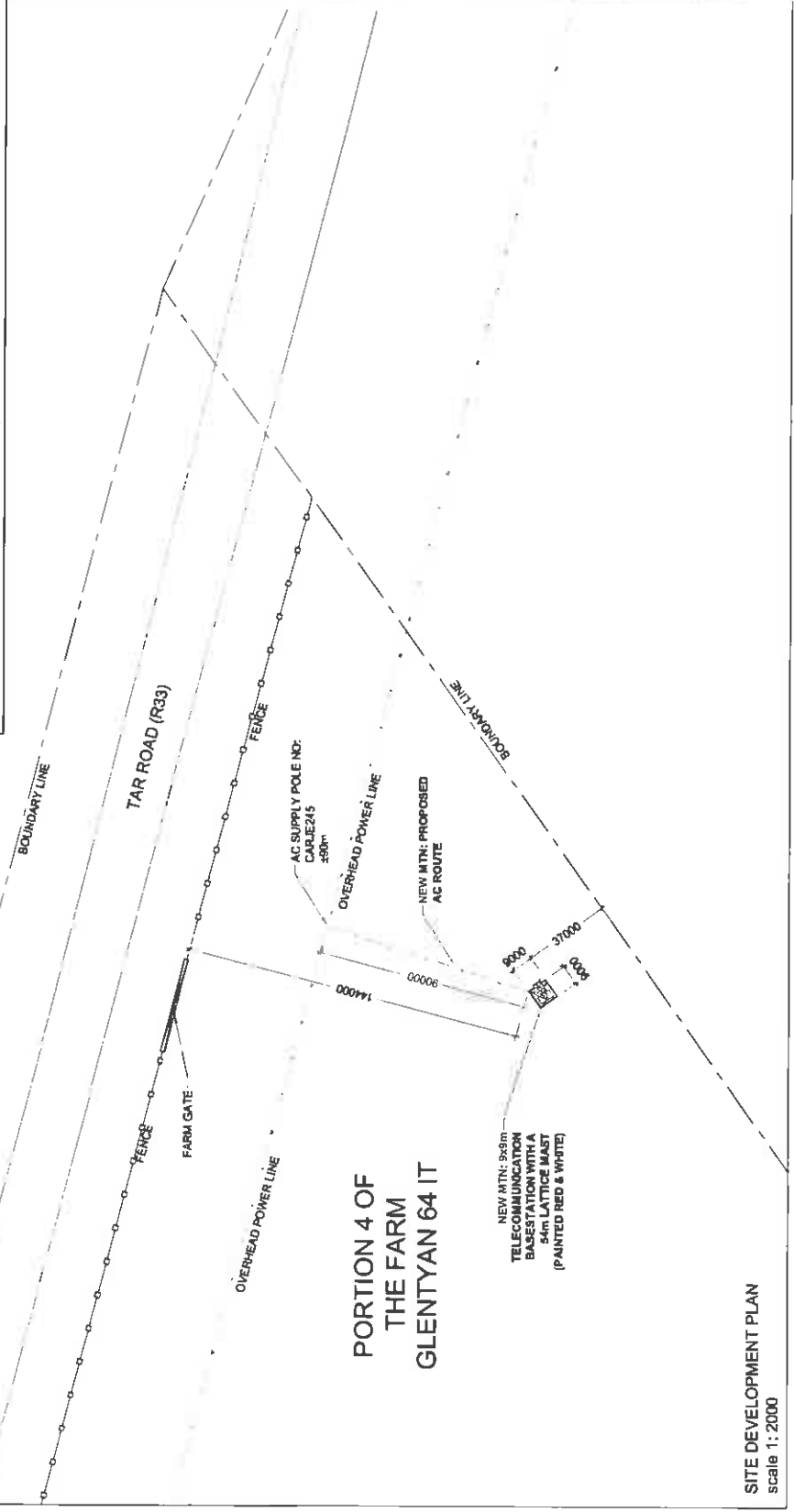
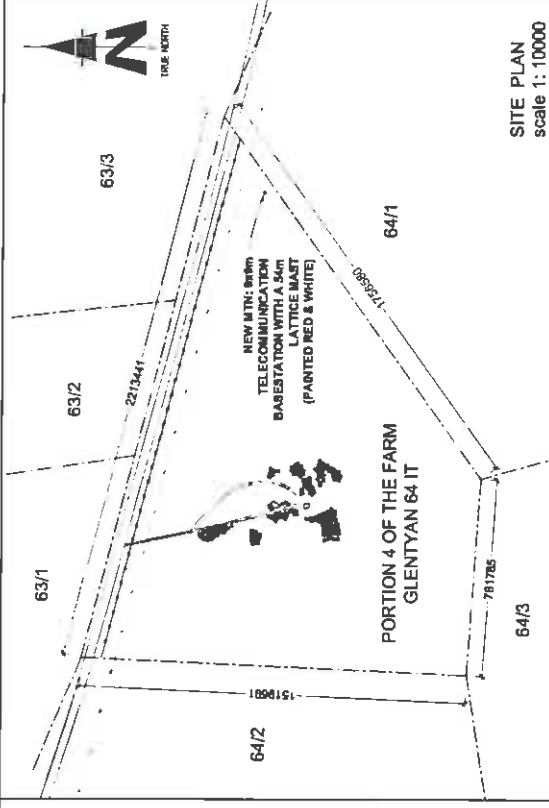
PROJECT NUMBER:
 110840

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE
 USED DIMENSIONS TO BE SHOWN IN BLUE. ALL DIMENSIONS TO BE
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MPA'S SITE
 PLAN. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE
 ISSUED TENDER DOCUMENTS.

DRAWN: HENDRICK MAXINTA DATE: 13/02/2012
 SCALE: 1:2000 REF. NO: 812/19238

SITE DEVELOPMENT PLAN
 scale 1: 2000

SITE DEVELOPMENT PLAN
 SHEET 3 OF 9





1287 Pheasant Run
 Block B, Hazelhills Campus
 Hazelhills, 0103

Tel: +27 (12) 542 2020
 Fax: +27 (12) 542 2029

Project Office 1/18
 Pheasant Run X18
 Mombasa Park

SITE NAME:

GLENTYAN FARM

BASE STATION NUMBER:

T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:

OWNER: UYS MCDONALD JOHANNESBURG

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:

PORTION 4 OF THE FARM GLENTYAN IN IT

COORDINATES:

LAT : 28° 10' 05.70" S
 LONG : 30° 20' 30.60" E

PROJECT:

NEW 900M TELECOMMUNICATION BASESTATION WITH A
 54m LATTICE MAST FOR MTR (P) LTD

ADDRESS:

GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPLUMALANGA



114 Middle Road

Wynbergville

D114

Tel: +27 (12) 804 1804/8

Fax: +27 (12) 804 1872

info@ipsinfra.com

P.O. Box 20911

Tokai

0154

REG NO.:

180211

PROJECT NUMBER:

118949

DRAWINGS MUST NOT BE RECALCULATED, ONLY PLANNED 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 (R01.100)

ISSUE 1: REVISION 0: NOVEMBER 2007

DRAWING: HENDRICK MAMONTA

DATE: 13/02/2012

SCALE: HTB

REF. NO: B12T9238

FACILITY ILLUSTRATION

SHEET 8 OF 8

TYPICAL LATTICE MAST PAINTED RED & WHITE



Our Reference:
T9238 / 17/2/3GS-116

Your Reference:

21 June 2012



**Owner Remaining Extent of Portion 1 and Portion 2 of the Farm
Glentyan 64 IT and Portion 63 of the Farm Borderland 63 IT**

N.J.J Uys
P O Box 373
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

DEAR SIR/MADAM

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 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 4 of the farm Glentyan 64 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

P. P. J. van't Foort

WA VAN'T FOORT
For: Torbious Solutions CC

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3GS-116

Regulation 546 activity 3 (a) & (b) : (a) ii (cc) and (ee) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: **T9238 Glentyan Farm**

Location: **Portion 4 of the farm Glentyan 64 IT**

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

Alternative 1: **Latitude:26° 10' 05.70" S Longitude: 30° 20' 30.60" 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 and promulgated in terms of the National Environmental Management Act 1998 (Act No. 107 of 1998) as amended ("NEMA").
Basic assessment procedures will be applied in accordance with regulation 543 and an application is to be submitted to the Mpumalanga Department of Economic Development, Environment and Tourism.

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

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

Environmental Assessment Practitioner (EAP):

Torbouse Solutions CC.

P.O. Box 32017, Totiusdal, 0134

Attention: W van't Foot

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

E-mail: admin@torbousesolutions.co.za

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

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

Notice publication date:

21 June 2012

UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3GS-116

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) ii (cc) and (ee) Isakhiwo esiyizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: **T9238 Glentyan Farm**

Indawo: **Portion 4 of the farm Glentyan 64 IT**

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

Esihukile 1: **Ububanzi:26° 10' 05.70"S Ubude: 30° 20' 30.60"E Induku ye-lattice ependwe ngokubomvu nokumhlophe**

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

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

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

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

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

Kuqondiswe ku- W van't Foot

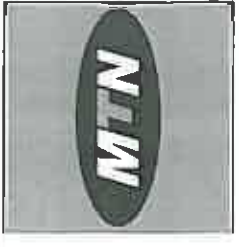
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072,

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

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

Usuku lokushicilelwa kweSaziso:

21 June 2012



1371 Pretoria Street
 Block B, Midrand Complex
 Midrand 2003
 Tel: +27 (11) 252 2800
 Fax: +27 (11) 252 2828
 Private Bag 315
 Midrand Park

SITE NAME:
 GLENTYAN FARM

BASE STATION NUMBER:
 T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: URS NICOLAAS JOHANNES JANSE

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 28° 10' 05.70" S
 LONG : 30° 20' 30.60" E

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

ADDRESS:
 GLENTYAN FARM,
 OFFICE R33, TOWARDS CAROLINA,
 MPUTJALANGA



414 Nelsie Road
 Steynville
 0184
 Tel: +27 (12) 804 10046
 Fax: +27 (12) 804 7072
 Admin@ipsafrica.com

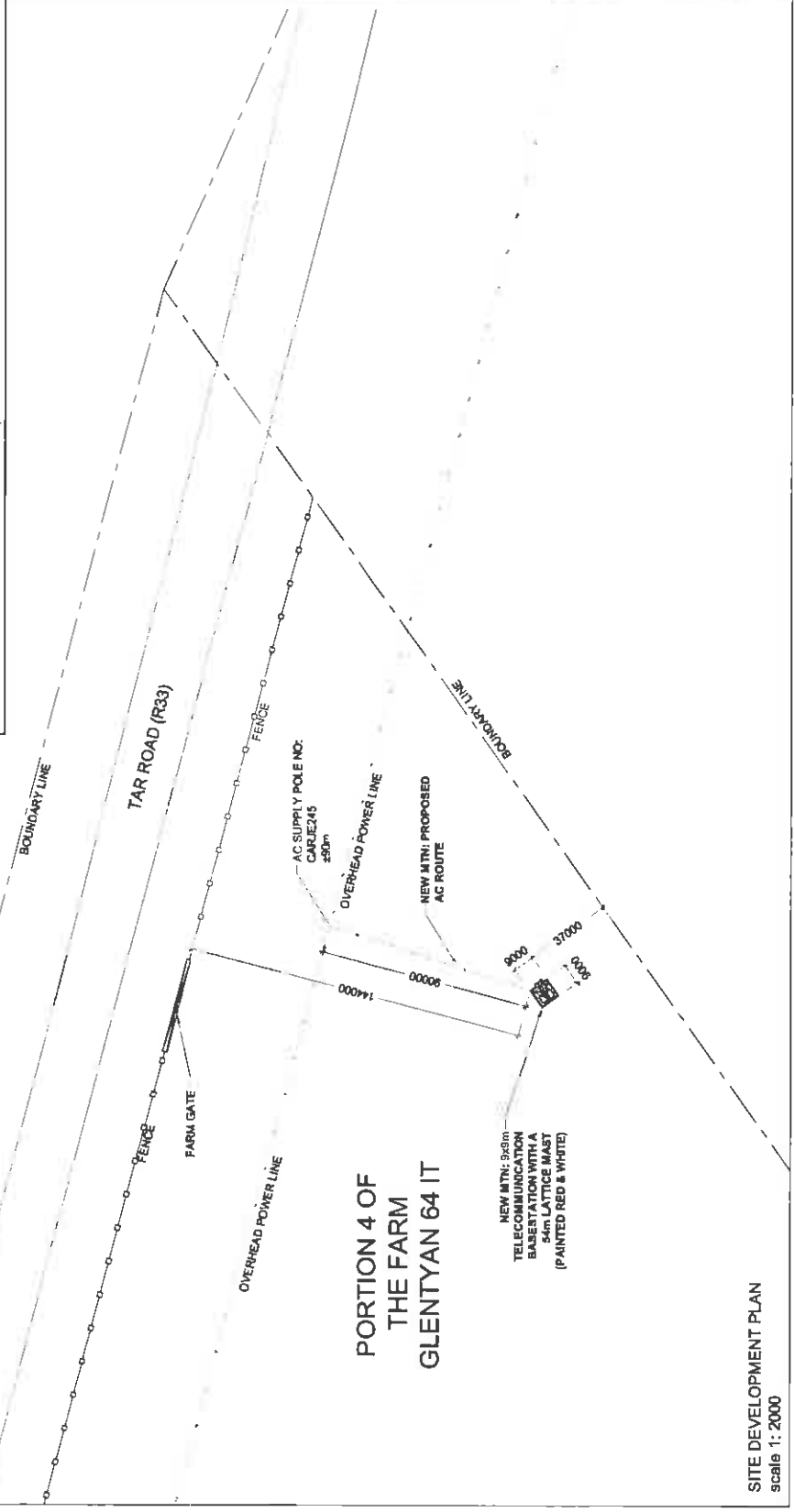
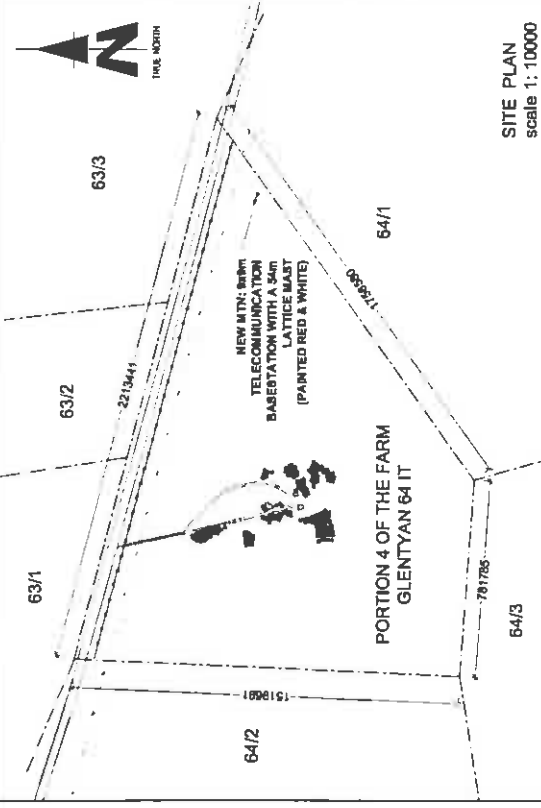
P.O. Box 20017
 Central
 0151

PROJECT NUMBER:
 118946

DATE:
 13/02/2012

DRAWN: HENDRICK MAKINTA
SCALE: 1:2000
REF. NO.: 812/T9238

SITE DEVELOPMENT PLAN
SHEET 3 OF 9





1387 Ponderosa Blvd
 Decatur, GA 30030
 Tel: +1 (770) 342 2000
 Fax: +1 (770) 342 2006
 Website: MTN

Project Name: GLENTYAN FARM
 Project No: T9238

PROPERTY DESCRIPTION:
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 30° 10' 05.70" S
 LONG : 80° 20' 30.60" E

PROJECT:
 NEW 50m TELECOMMUNICATION BASESTATION WITH A
 50m LATTICE MAST FOR MTR (PTY) LTD

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 INFUMALANGA

OWNER: VTB HODOLANG JOHANNES JUMBE

NOTES:
 STRICTLY COMPANY CONFIDENTIAL

REV | DATE | BY | DESCRIPTION

A | 13/02/2012 | HM | FIRST ISSUE

BASE STATION NUMBER: T9238

SITE NAME: GLENTYAN FARM

PROJECT NUMBER: 116646

PROJECT NO.: 100211

DATE: 13/02/2012

SCALE: NTS

REF. NO: 8/2/19238

FACILITY ILLUSTRATION

SHEET 9 OF 9

DRAWN: HENDRICK MANKOTA

DATE: 13/02/2012

SCALE: NTS

REF. NO: 8/2/19238

FACILITY ILLUSTRATION

SHEET 9 OF 9

DRAWN: HENDRICK MANKOTA

DATE: 13/02/2012

SCALE: NTS

REF. NO: 8/2/19238

FACILITY ILLUSTRATION

SHEET 9 OF 9

DRAWN: HENDRICK MANKOTA

DATE: 13/02/2012

SCALE: NTS

REF. NO: 8/2/19238

FACILITY ILLUSTRATION

SHEET 9 OF 9

TYPICAL LATTICE MAST PAINTED RED & WHITE



IP

INFRASTRUCTURE PLANNING

44 Middle Road
 Singapore 1184
 Tel: +1 (12) 344 1848
 Fax: +1 (12) 344 1872
 Email: info@ipplanning.co.za

P.O. Box 20317
 Johannesburg
 2000

PROJECT NUMBER:
 116646

PROJECT NO.:
 100211

DATE:
 13/02/2012

SCALE:
 NTS

REF. NO:
 8/2/19238

FACILITY ILLUSTRATION
 SHEET 9 OF 9

Our Reference:
T9238 / 17/2/3GS-116

Your Reference:

21 June 2012



Owner of Portion 3 of the farm Glentyan 64 IT
M.V Makhubu
P O Box 268
Belfast
1192

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

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

DEAR SIR/MADAM

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 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 4 of the farm Glentyan 64 IT**
Attached hereto find:

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

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

Yours faithfully

WA VAN'T FOORT
For: Torbious Solutions CC

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3GS-116

Regulation 546 activity 3 (a) & (b) : (a) ii (cc) and (ee) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9238 Glentyan Farm

Location: Portion 4 of the farm Glentyan 64 IT

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

Alternative 1: Latitude: 26° 10' 05.70" S Longitude: 30° 20' 30.60" 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 and promulgated in terms of the National Environmental Management Act 1998 (Act No. 107 of 1998) as amended ("NEMA").

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

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

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

Environmental Assessment Practitioner (EAP):

Torbiose Solutions CC.

P.O. Box 32017, Totiusdal, 0134

Attention: W van't Foot

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

E-mail: admin@torbiosesolutions.co.za

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

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

Notice publication date:

21 June 2012

UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3GS-116

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) ii (cc) and (ee) Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: T9238 Glentyan Farm

Indawo: Portion 4 of the farm Glentyan 64 IT

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

Esihlukile 1: Ububanzi: 26° 10' 05.70" S Ubude: 30° 20' 30.60" E Induku ye-lattice ependwe ngokubomvu nokumhlophe

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

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

Umuntu ofaka isicelo:

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

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

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

kuqondiswe ku- W van't Foot

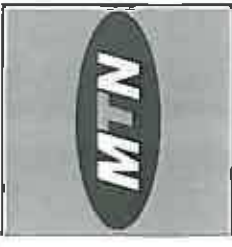
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072.

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

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

Usuku lokushicilelwa kweSaziso:

21 June 2012



1287 Pretorius Street
 Block B Industrial Complex
 Hendrik 0213
 Tel: +27 (0) 21 242 2000
 Fax: +27 (0) 21 242 2009
 Private Bag 210
 Hendrik Park

SITE NAME:
 GLENTYAN FARM

BASE STATION NUMBER:
 T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: UTS MCCOOLS JOHANNESBURG

STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES
 LAT: 28° 10' 05.70" S
 LONG: 30° 20' 30.80" E

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

ADDRESS:
 GLENTYAN FARM
 OFF THE R33 TOWARDS CAROLINA,
 MPUMALANGA



444 Bunkle Road
 Johannesburg
 0154
 Tel: +27 (0) 84 15048
 Fax: +27 (0) 84 1072
 admin@ipsplanning.co.za

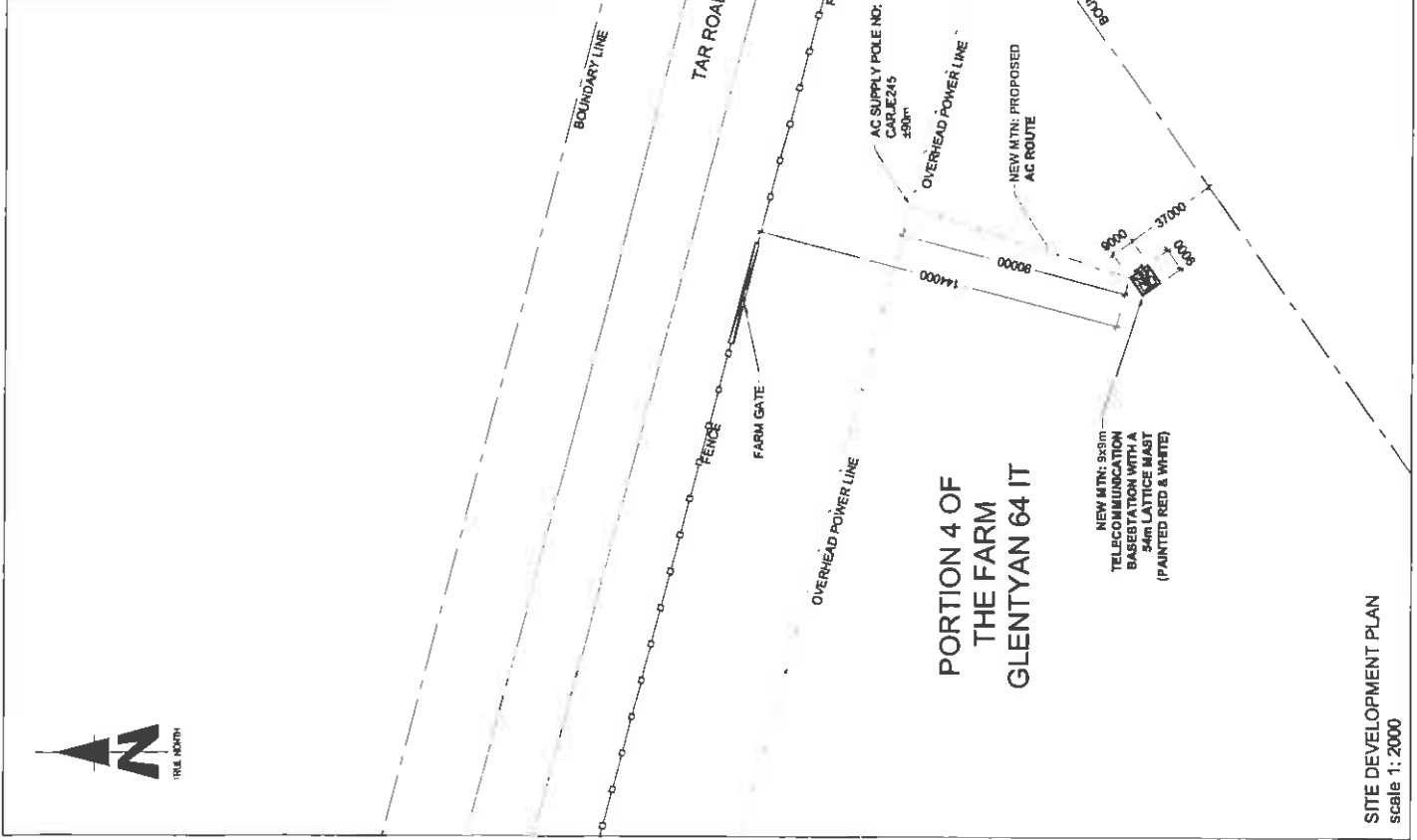
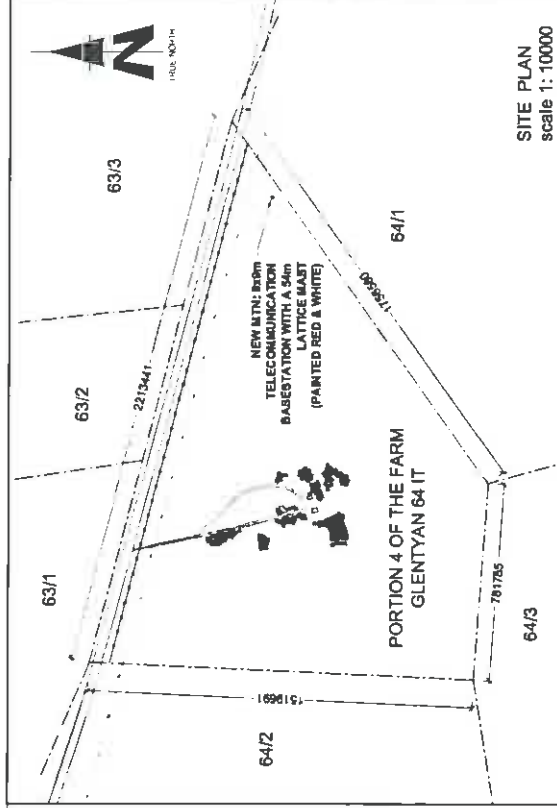
RFQ NO.:
 180211

PROJECT NUMBER:
 110846

DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN'S SITE (444 BUNKLE ROAD JOHANNESBURG 0154) (SHEET TELECOM/ENR/2012/027)

DRAWN: HENDRICK MAKINTA
DATE: 13/02/2012
SCALE: 1:2000
REF. NO.: 812/79238

SITE DEVELOPMENT PLAN
SHEET 3 OF 9





1987 Piedmont Blvd
 Bldg B - Huntsville Campus
 Huntsville, TN 37411
 Tel: +27 (1) 342 2020
 Fax: +27 (1) 343 3028
 Project Site: 148
 Property Reg 718
 Mandy Park

SITE NAME:
GLENTYAN FARM

BASE STATION NUMBER:
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: VIV NICKLAU JOHANNESBURG

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 29° 10' 05.70" S
 LONG : 30° 20' 30.60" E

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPLUMALANGA



414 Middle Road
 Blydenville
 0184
 Tel: +27 (1) 804 19048
 Fax: +27 (1) 804 1979
 P.O. Box 20207
 Tlokweng
 0154

RFC NO:
 106211

PROJECT NUMBER:
 116948

DRAWING MUST NOT BE RECALLED, ONLY PROVIDED DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED IN ACCORDANCE TO MTN SITE SITE
 INFRASTRUCTURE SPECIFICATION R0011001
 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: HENDRICK MAMONTA DATE: 13/02/2012
 SCALE: MTB REF. NO: 81278238

FACILITY ILLUSTRATION
 SHEET 9 OF 9

TYPICAL LATTICE MAST PAINTED RED & WHITE



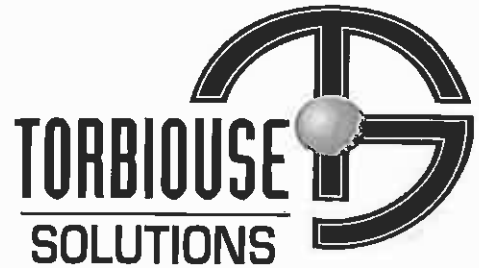
Our reference
T9238 / 17/2/3GS -116

21 June 2012

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

Attention: Mr DR Mango
Environmental Management Section

Facsimile: **017 843 1631**



Reg. No. 2001/080535/23

PO Box 32017, Totlusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 IT

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

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

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

Kind Regards,

WA VAN'T FOORT

For: Torbious Solutions cc

Comments:

Destination	Start Time	Time	Prints	Result	Note
0114502294	06-22 12:42	00:13:02	010/010	OK	

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

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

Our reference
 T9238 / 17/2/3GS -116

21 June 2012

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

Attention: Mr DR Mango
 Environmental Management Section

Facsimile: 017 843 1631



Reg. No. 2001/080535/23
 PO Box 32017, Totlusedal, 0134
 414 Rustic Road
 Silvertondale, 0184
 Pretoria
 Tel: (012) 804 1504/ 6
 Fax: (012) 804 7072
 e-mail: admin@torbiousolutions.co.za

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 IT

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

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

Kind Regards,

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

Comments:

Destination	Start Time	Time	Prints	Result	Note
0114502294	06-25 08:14	00:12:59	010/010	OK	

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

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

Our reference
T9238 / 17/2/3GS -116

21 June 2012

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

Attention: Mr DR Mango
Environmental Management Section

Facsimile: 017 843 1631



Reg. No. 2001/080535/23
PO Box 32017, Totodale, 0134
414 Rustia Road
Silvertondale, 0184
Pretoria
Tel: (012) 804 1604/6
Fax: (012) 804 7072
e-mail: admin@torbiouseasolutions.co.za

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1988 AS AMENDED ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 IT

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

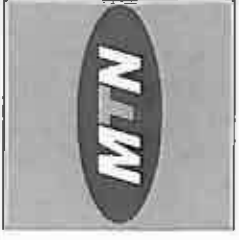
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application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

T.F. *Handwritten Signature*
WA VAN'T FOORT
For: Torbiouse Solutions cc

Comments: _____



1877 Peninsula Blvd
 Black B. Mobileville Corridor
 Mobile, AL 36688
 Tel: +1 (256) 343 2000
 Fax: +1 (256) 343 2000
 Project Site No: 110
 Mobile No: 110

SITE NAME:
 GLENTYAN FARM

BASE STATION NUMBER:
 T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	JHM	FIRST ISSUE

NOTES:
 OWNER: UYS NICOLAAS JOHANNES JANSE

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 04 IT

COORDINATES:
 LAT : 28° 10' 05.70" S
 LONG : 90° 20' 30.00" E

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE RST TOWARDS CAROLINA,
 WUPUNJANGA



INFRASTRUCTURE PLANNING SERVICES

434 Bunkle Road
 01th
 Tel: +27 (12) 804 18048
 Fax: +27 (12) 804 7072
 Email: info@infrastructure.co.za

REF NO:
 180211

PROJECT NUMBER:
 110848

DISCLAIMER:
 DRAWINGS MUST NOT BE REPRODUCED OR USED FOR COMMERCIAL PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE DRAWING AUTHOR.

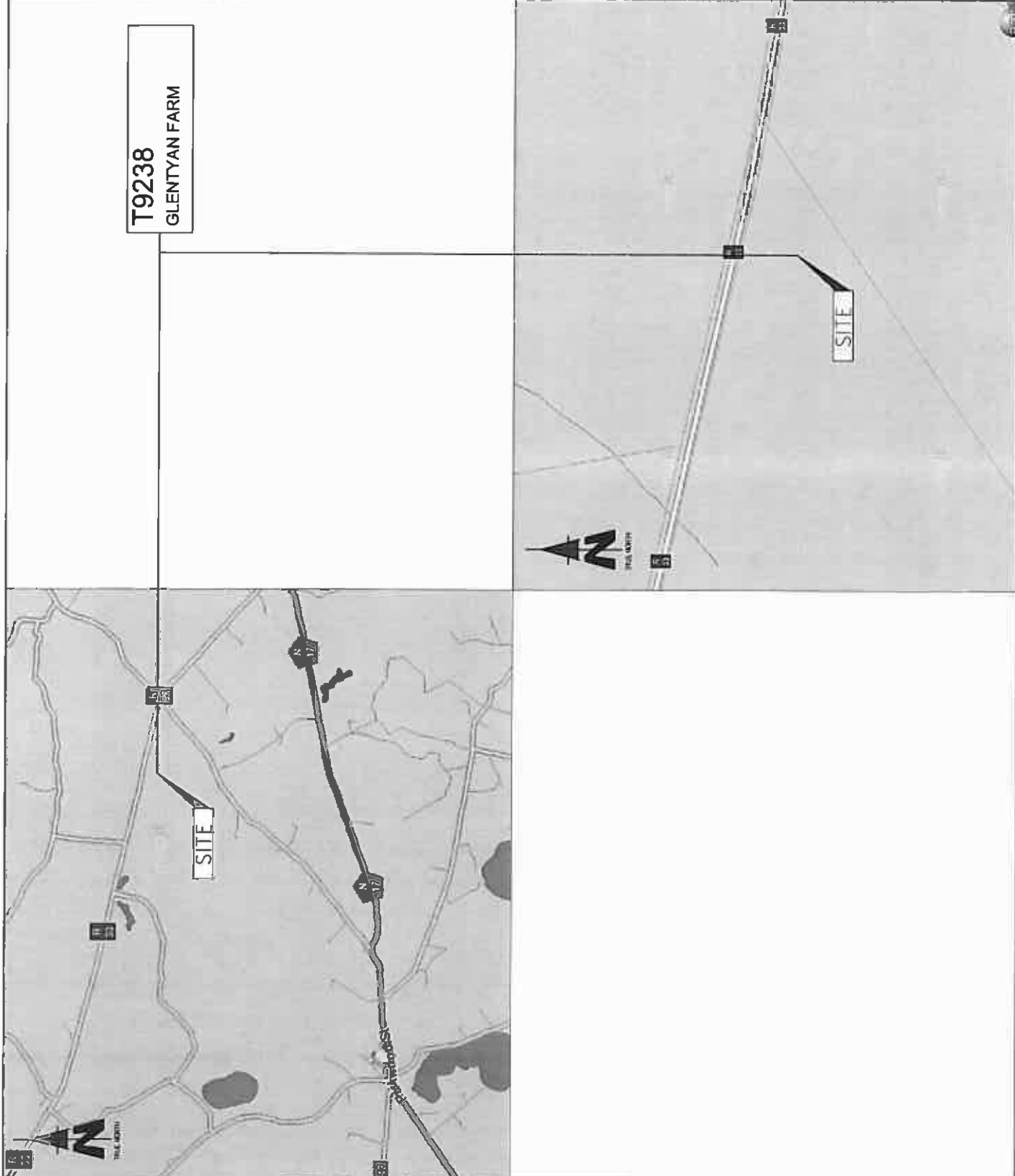
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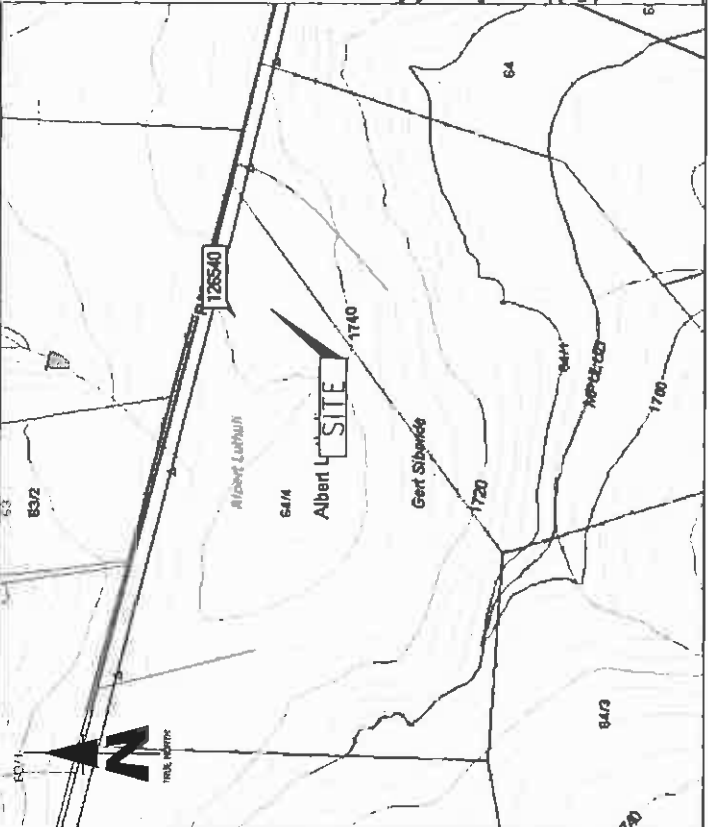
DATE: 13/02/2012

REF. NO: 812/T9238

LOCALITY MAP
 SHEET 1 OF 9

T9238
GLENTYAN FARM



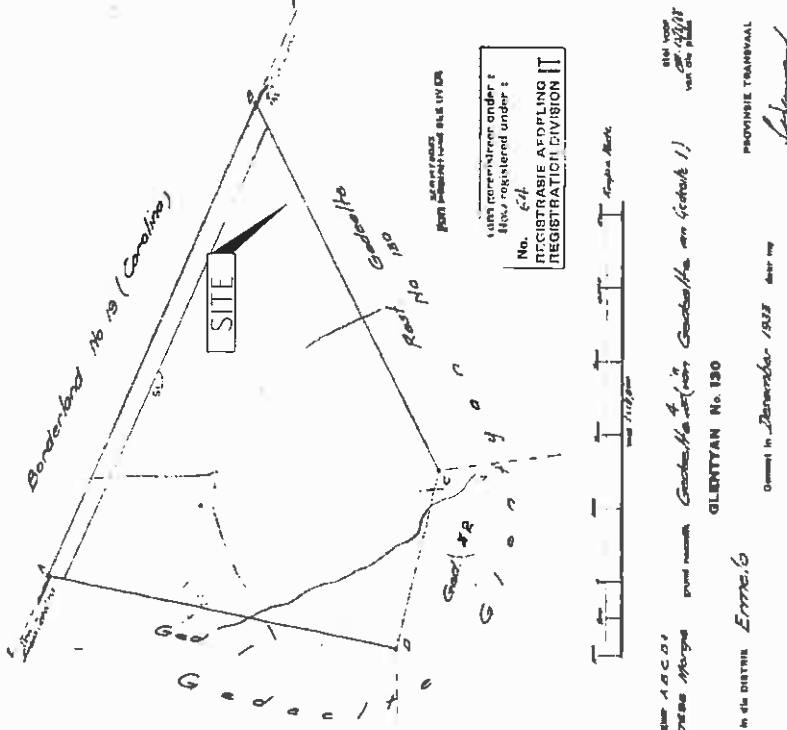


LG. No. A. 182/34

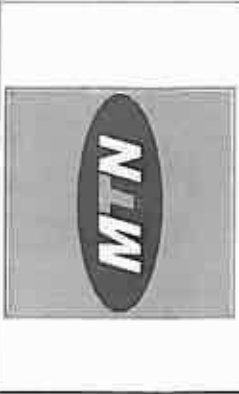
1807/182/34
 1807/182/34
 1807/182/34

HTC	NOTE	BOOKSHEET
AB	2022.8	27
BC	2027.9	27
CD	2033.0	27
DA	2038.1	27
EA	2043.2	27
EB	2048.3	27
EC	2053.4	27
ED	2058.5	27
EA	2063.6	27
EB	2068.7	27
EC	2073.8	27
ED	2078.9	27
EA	2084.0	27
EB	2089.1	27
EC	2094.2	27
ED	2099.3	27
EA	2104.4	27
EB	2109.5	27
EC	2114.6	27
ED	2119.7	27

Backsighting measurements
 A: 2022.8
 B: 2027.9
 C: 2033.0
 D: 2038.1
 E: 2043.2
 F: 2048.3
 G: 2053.4
 H: 2058.5
 I: 2063.6
 J: 2068.7
 K: 2073.8
 L: 2078.9
 M: 2084.0
 N: 2089.1
 O: 2094.2
 P: 2099.3
 Q: 2104.4
 R: 2109.5
 S: 2114.6
 T: 2119.7



GLENELG No. 130
 Created in December 1928
 Original map by...
 1:25,000 scale
 1:25,000 scale
 1:25,000 scale



1807/182/34
 1807/182/34
 1807/182/34

SITE NAME: **GLENTYAN FARM**

BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
A	15/02/2012	HM	FIRST ISSUE

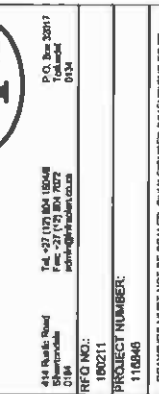
NOTES:
 OWNER: UTS NICOLAAS JOHANNES JANSE

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 4117

COORDINATES:
 LAT : 20° 10' 00.70" S
 LONG : 30° 20' 30.80" E

PROJECT:
 NEW 840m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

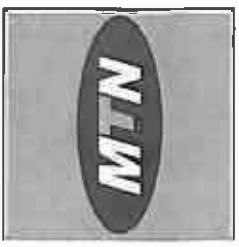
ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPMUNJANGA



444 Bunkers Road,
 MPMUNJANGA
 P.O. Box 28017,
 Tlokweng
 0154

REF NO.: 180211
 PROJECT NUMBER: 118046
 DRAWN: HENDRICK MAKINTA / DATE: 13/02/2012
 SCALE: MTS
 REF. NO: 612/18238

CADAstral INFO
 SHEET 2 OF 9



1877 Avenida Breeze
 Block 9, Phase 10a, Carolina
 Westlake, Q333
 Tel: +27 (12) 543 7533
 Fax: +27 (12) 343 2209
 P.O. Box 32017
 Pretoria, 015
 MTN Group

SITE NAME:
GLENTYAN FARM

BASE STATION NUMBER:
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: LYS MCCLELLAN-JOHANES JANSE

STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 29° 10' 05.70" S
 LONG : 30° 20' 30.80" E

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPUMALANGA



144 Bule's Road
 Bhebeville
 0154
 Tel: +27 (12) 804 1504/8
 Fax: +27 (12) 804 7072
 info@ipsplanning.co.za

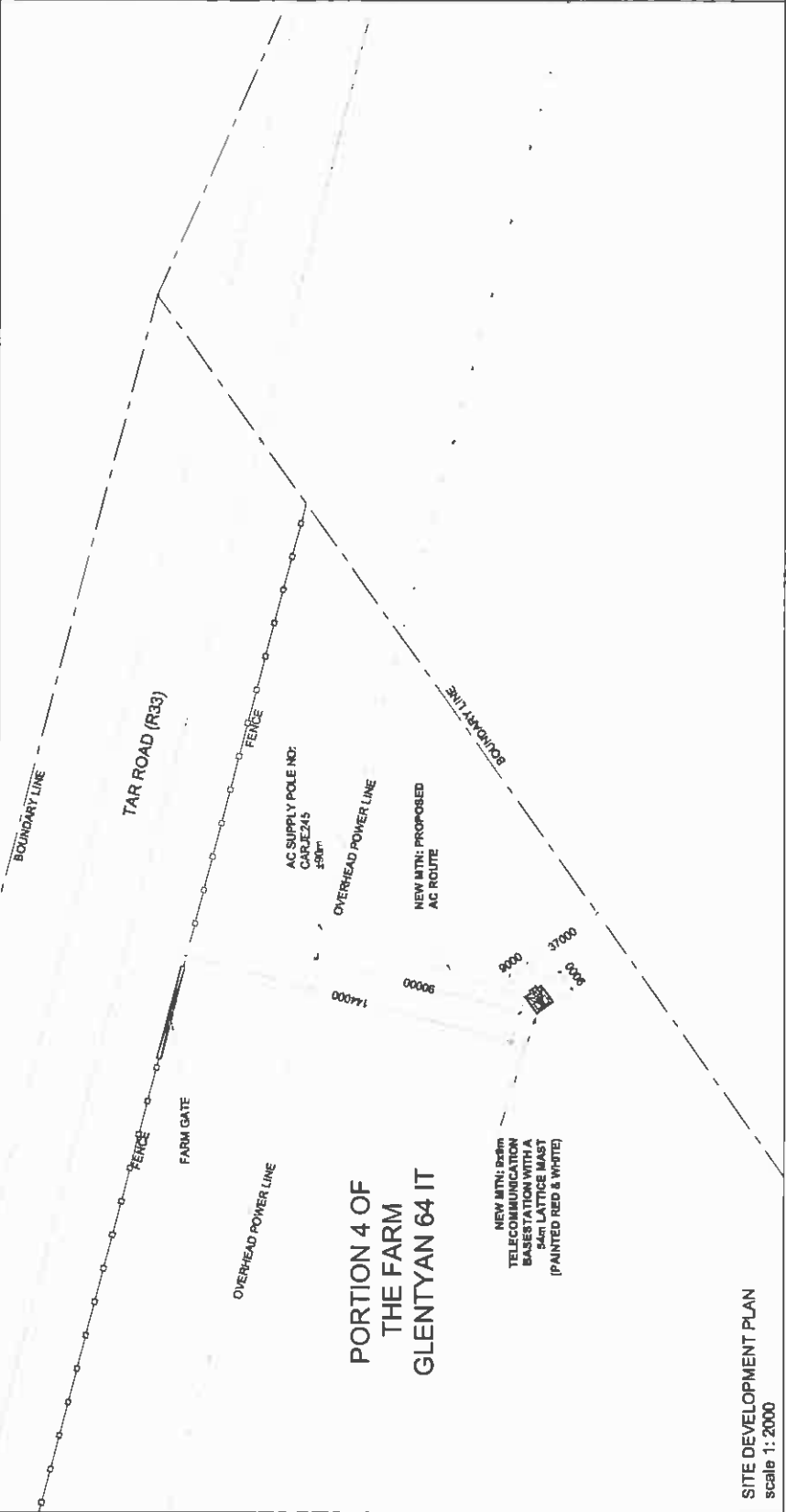
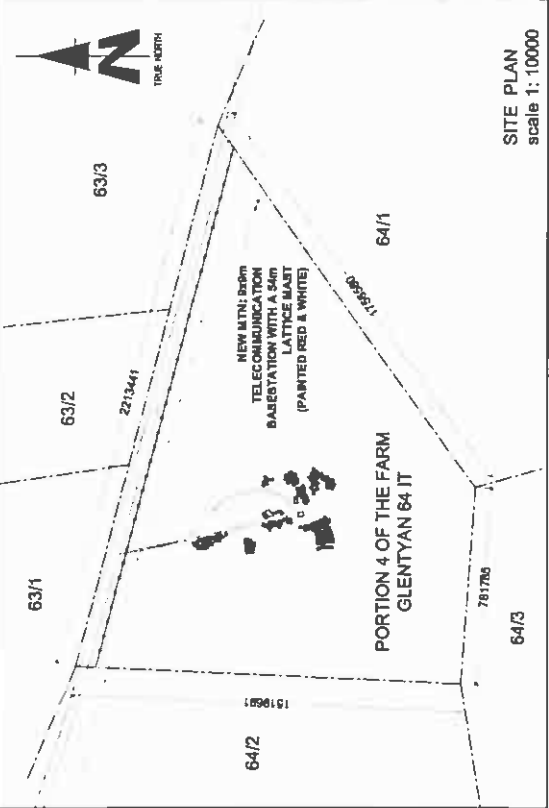
RFO NO.:
 160211

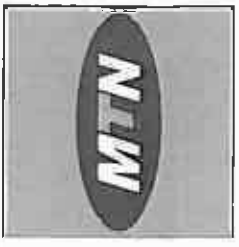
PROJECT NUMBER:
 110840

DRAWN: HENDRICK MAKINTA / DATE: 13/02/2012
 SCALE: 1:2000 / REF. NO: 812/19238

DRAWINGS MUST NOT BE SEALS. ONLY QUALIFIED ENGINEERS TO BE
 USED. ENGINEERS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE
 INFRASTRUCTURE SPECIFICATION (R001/001)
 ISSUE 1 (REVISION 01) (MAY 2007)

SITE DEVELOPMENT PLAN
 SHEET 3 OF 9





1287 Peninsula Street
 Block 8, Industria Corner
 Hillside, 00831
 P.O. Box 32017
 Telephone 212
 Website: www.mtn.com

14-27 (12) BM 10048
 F.M. - 27 (12) BM 7072
 414 (4) Grids Based
 on
 14-27 (12) BM 10048
 F.M. - 27 (12) BM 7072
 414 (4) Grids Based
 on
 14-27 (12) BM 10048
 F.M. - 27 (12) BM 7072
 414 (4) Grids Based
 on

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 HPOUMALANGA

INFRASTRUCTURE
 PLANNING SERVICES



PROJECT NUMBER:
 169211
 110646

DATE: 13/02/2012
 REF. NO: 812/18238

SCALE: 1:2000

CURRENT LAND USE
 SHEET 4 OF 9

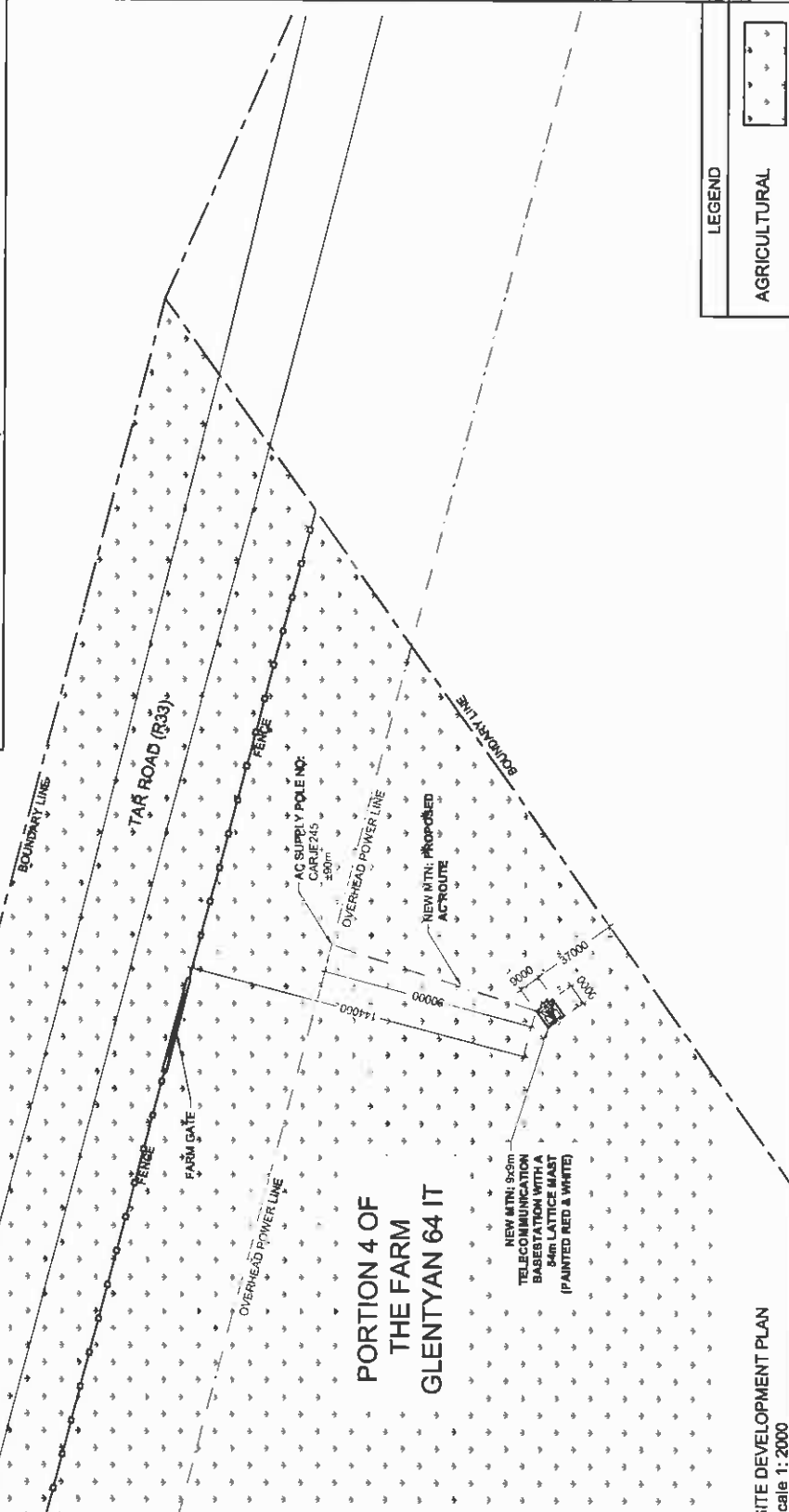
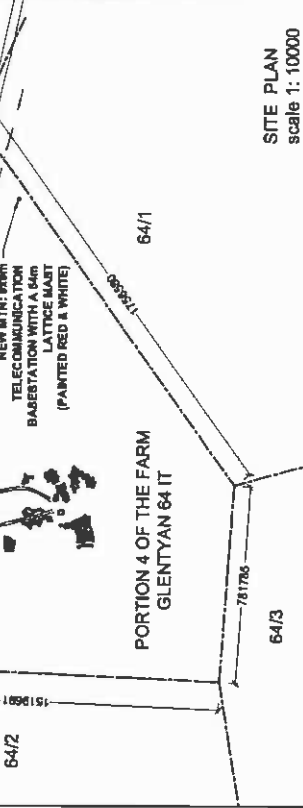
STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION:
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 28° 10' 05.70" S
 LONG : 30° 20' 30.80" E

NOTES:
 OWNER: UYS MCCOOLAS-JOHANNES JANSE

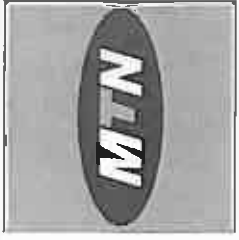
REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

BASE STATION NUMBER:
 T9238



LEGEND
 AGRICULTURAL

SITE DEVELOPMENT PLAN
 scale 1:2000



15/1 Pretoria Road
 Block 8, Vanderbijlpark
 Vanderbijlpark, 0153

Tel: +27 (0) 165 5000
 Fax: +27 (0) 165 5001
 Mobile: 0833

Private Office, 1st
 Floor, 15/1 Pretoria Road
 Vanderbijlpark, 0153

SITE NAME: **GLENTYAN FARM**
 BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
1A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: UYS NICOLAAS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION:
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT: 26° 16' 08.70" S
 LONG: 30° 20' 30.60" E

PROJECT:
 NEW 945m TELECOMMUNICATION BASESTATION WITH A
 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 NPUMALANGA



INFRASTRUCTURE
 PLANNING SERVICES

414 Bule Street
 Silverdale
 0184
 Tel: +27 (0) 164 18048
 Fax: +27 (0) 164 1072
 Email: info@ipsinfra.co.za

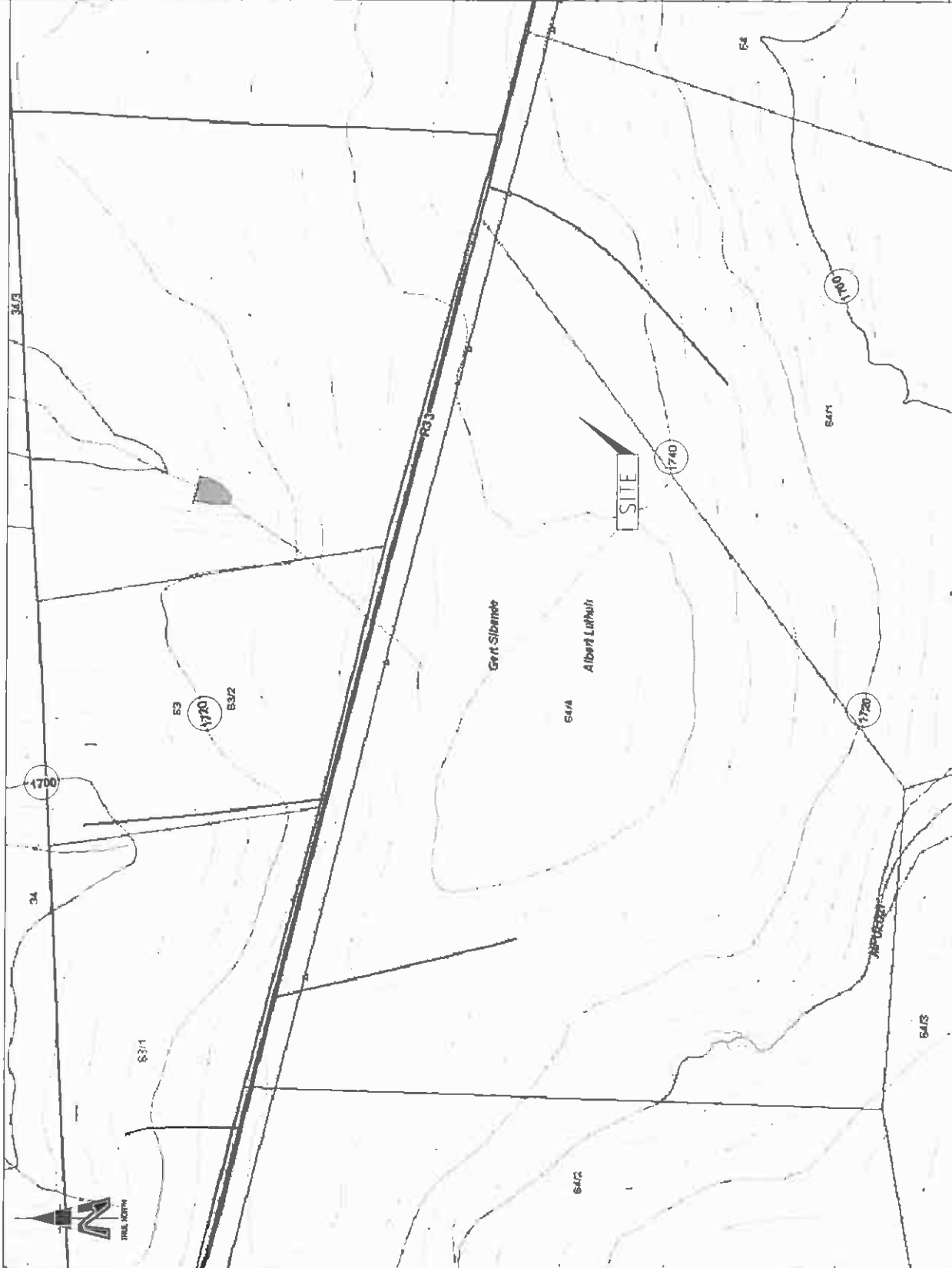
P.O. Box 22817
 Yorkland
 0154

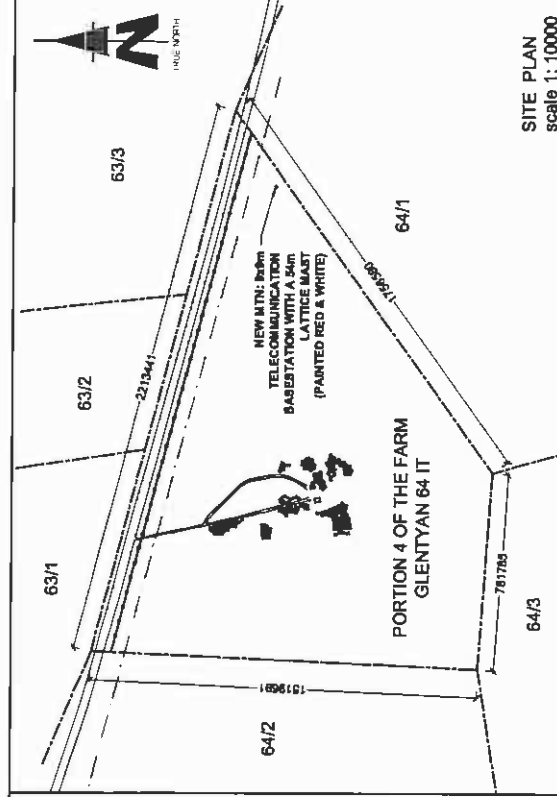
RFC NO.: 190211
 PROJECT NUMBER: 118846

DRAWINGS MUST NOT BE SEALD. ONLY FIGURED DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED BEFORE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE
 INFRASTRUCTURE SPECIFICATION (MS1) (S1)
 ISSUE 1 (REVISION NUMBER 007)

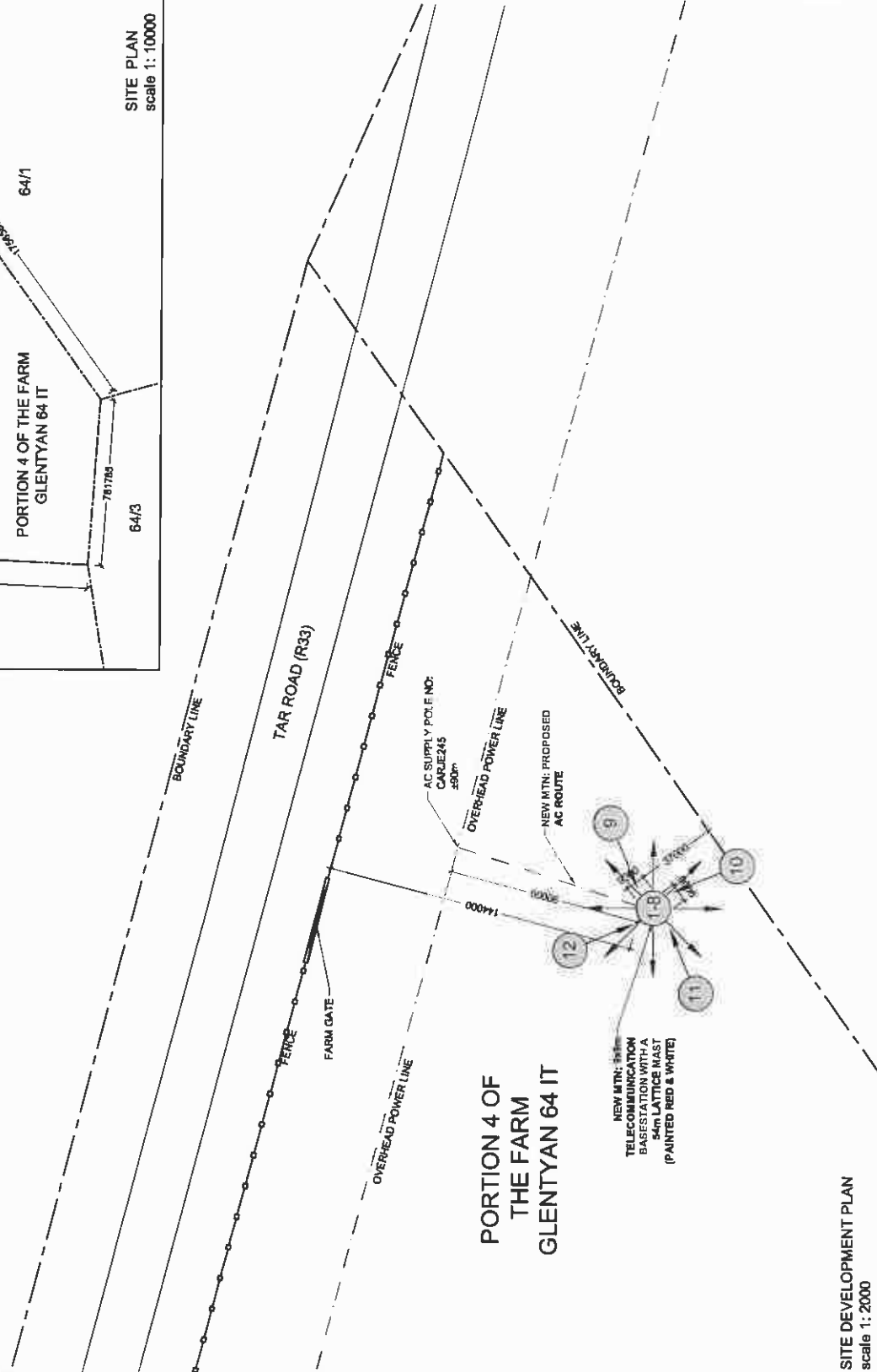
DRAWN: HENDRICK MAKINTA DATE: 13/02/2012
 SCALE: NTS REF. NO: 612/18238

CONTOUR INTERVAL
 SHEET 5 OF 9



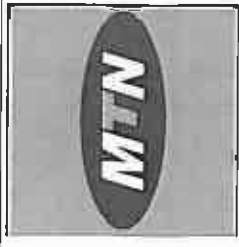


SITE PLAN
scale 1:10000



PORTION 4 OF
THE FARM
GLENTYAN 64 IT

SITE DEVELOPMENT PLAN
scale 1:2000



1287 Riverside Drive
Morningside, 2003
Tel: +27 (0) 342 3000
Fax: +27 (0) 342 6288
www.mtn.co.za

SITE NAME: **GLENTYAN FARM**
BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HMI	FIRST ISSUE

NOTES:
OWNER: UYS NICOLAAS JOHANNES JANS

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION:
PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
LAT : 26° 10' 05.70" S
LONG : 30° 20' 30.80" E

PROJECT:
NEW 8x6m TELECOMMUNICATION BASESTATION WITH A 5m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
GLENTYAN FARM,
OFF THE R33 TOWARDS CAROLINA,
IMPUMALANGA



441 Park Road
Morningside
Cape
Tel: +27 (0) 344 15408
Fax: +27 (0) 344 10722
www.ipsafrica.com

P.O. Box 30077
Park Road
0154

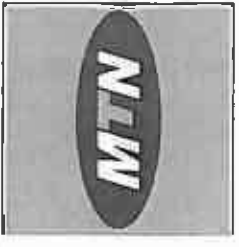
RFO NO:
180211

PROJECT NUMBER:
110848

DRAWINGS MUST NOT BE SCALED. ONLY FEARED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK. ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R801/1001 ISSUE 1 (REVISION 0 NOVEMBER 2007)

DRAWN: HENDRICK MAKINTA DATE: 13/02/2012
SCALE: 1:2000 REF. NO: 812/19238

SITE PHOTOGRAPHS
SHEET 6 OF 9



1877 Pretoria Street
 Block B, Midrand
 Midrand, 2009
 Tel: +27 (0) 202 2000
 Fax: +27 (0) 202 2000
 Private Bag 115
 Midrand, 2009

SITE NAME: **GLENTYAN FARM**
 BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

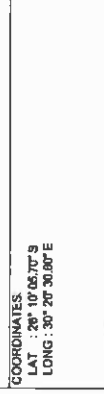
NOTES:
 OWNER: UYS NICOLAAS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 84 IT

COORDINATES:
 LAT : 28° 10' 06.70" S
 LONG : 30° 20' 30.80" E

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

ADDRESS:
 GLENTYAN FARM,
 OFFERS TOWARDS CAROLINA,
 MIDRAND



414 Riebeeck Road
 Sandtonville
 Sandton, 2004
 Tel: +27 (0) 210 804 1504/8
 Fax: +27 (0) 210 804 1972
 admin@ipsa.co.za

RFO NO.: 180211
 PROJECT NUMBER: 116646

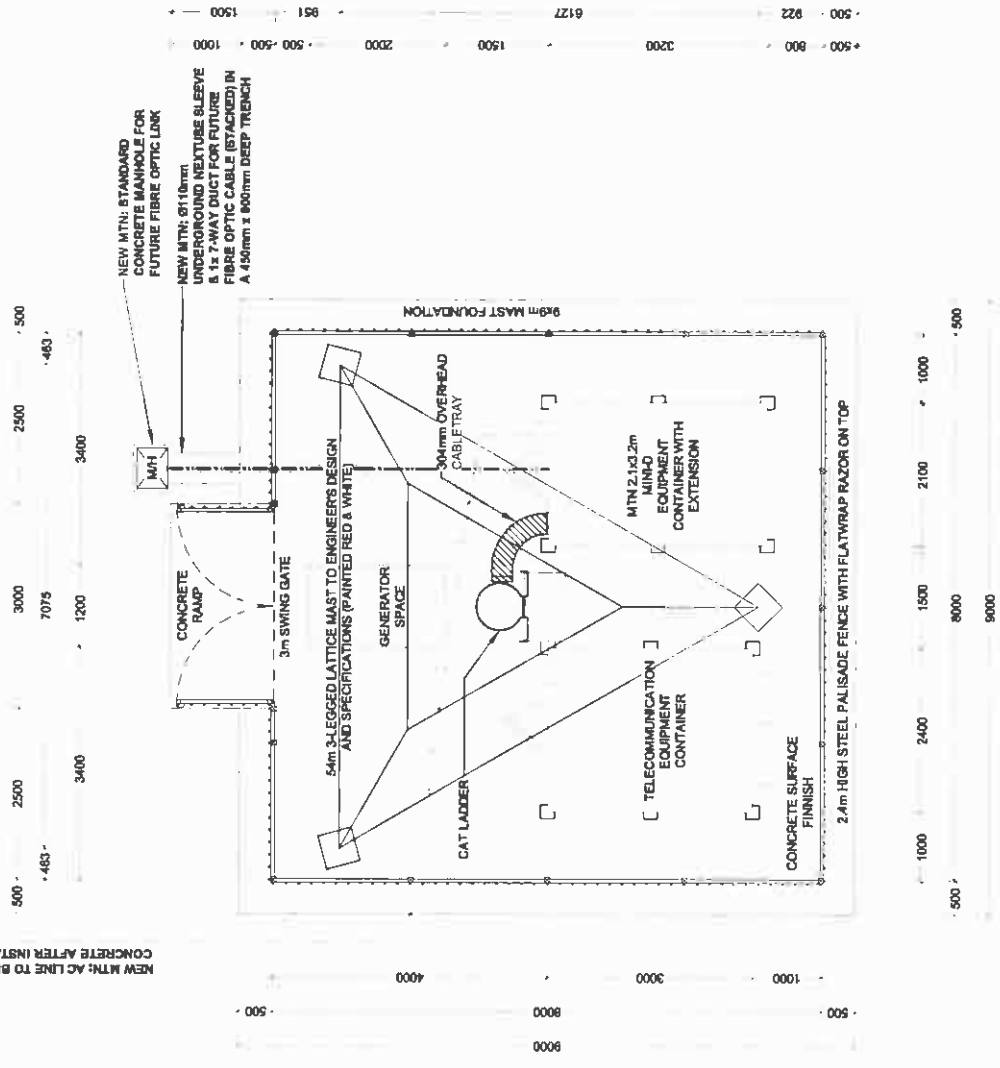
DRAWN: HENDRICK MAKINTA DATE: 13/02/2012
 SCALE: 1:75 REF. NO: 912/19238

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE
 INSTALLATION SPECIFICATIONS (ISSUE 1)
 INFRASTRUCTURE DIVISION (04/2011/01)

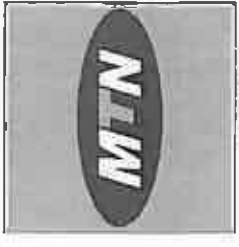
SITE DETAIL
 SHEET 7 OF 9

PORTION 4 OF THE FARM
 GLENTYAN 84 IT

NEW MTN AC LINE TO BE CAST IN
 CONCRETE AFTER INSTALLATION



- NOTES:**
1. HIGH RISK SITE
 2. CONTAINER TO HAVE SECURITY GATE
 3. AC LINE TO BE CAST IN CONCRETE AFTER INSTALLATION
 4. ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION



157 Persada Selayang
 Block D, Heliport Complex
 Heliport Road
 The 57th Sky View
 Tel: +61 (0) 8 941 1800
 Perth, Australia
 Perth Office
 Tel: +61 (0) 8 941 1800
 Perth Office

SITE NAME: **GLENTYAN FARM**

BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: URS NICOLAUS JOHANNES JANSE

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 30° 10' 06.70" S
 LONG : 30° 20' 30.60" E

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPUMALANGA

INFRASTRUCTURE
 PLANNING SERVICES



414 Ruffels Road
 Midrand
 0184
 P.O. Box 32017
 Johannesburg
 0194

RFQ NO:
 180211
 PROJECT NUMBER:
 118846

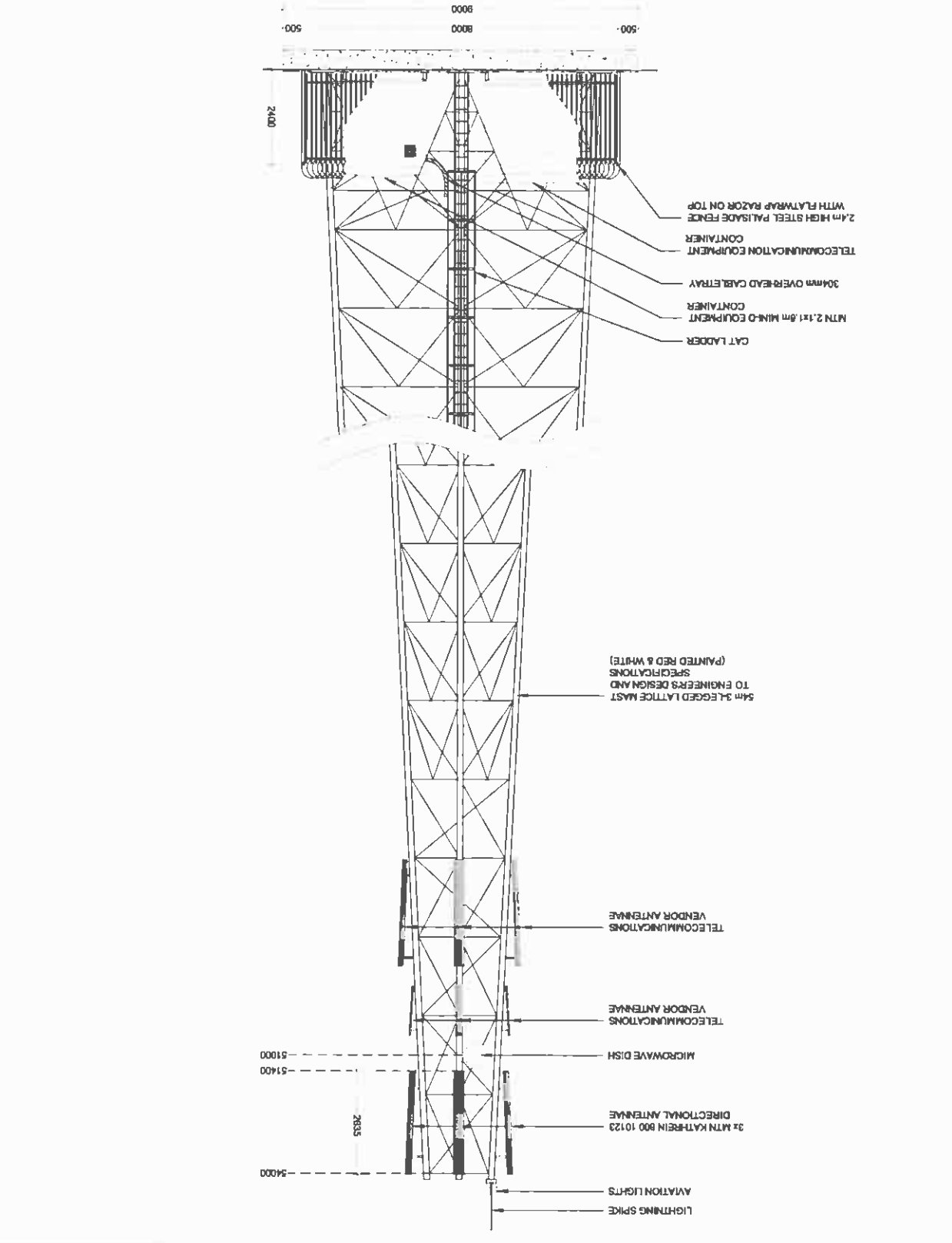
DRAWINGS MUST NOT BE SAVED OR REPRODUCED OR DIMENSIONS TO BE
 USED UNLESS SPECIFICALLY STATED ON SITE BEFORE COMMENCEMENT
 OF WORK.
 ALL WORKS TO BE PERFORMED ACCORDING TO IPRM P15 SITE
 INFRASTRUCTURE SPECIFICATION (REVISED)
 ISSUE 1 (REVISION 01/05/17/2012)

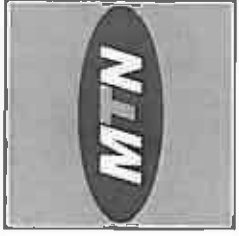
DRAWN: HENDRICK MAKINTA DATE: 13/02/2012
 SCALE: 1:100 REF. NO: 812/T9238

SOUTH WEST ELEVATION
 SHEET 8 OF 9

MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	800 10123	51.4		7/8°	7/8"	± 55
2	120°	800 10123	51.4		7/8°	7/8"	± 55
3	240°	800 10123	51.4		7/8°	7/8"	± 55





414 Duikse Road
 Black B. Hendrikse Complex
 Hendrikse Dam
 Tel: +27 (17) 342 8000
 Fax: +27 (17) 342 8008
 P.O. Box 23017
 Pretoria 0001
 Mafikeng

SITE NAME:
GLENTYAN FARM

BASE STATION NUMBER:
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	MM	FIRST ISSUE

NOTES:
 OWNER: UYS NICOLAAS JOHANNES JAMSE

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 141 IT

COORDINATES:
 LAT : 28° 10' 05,70" S
 LONG : 30° 20' 30,60" E

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPMALANGA

RFQ NO.:
 160211
 115946

PROJECT NUMBER:
 115946

SCALE: NTS
DATE: 13/02/2012
REF. NO: 612/78238

DRAWN: HENDRICK MAKINTA
ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWINGS MUST NOT BE SEALED UNLESS ALL DIMENSIONS TO BE USED, DIMENSIONS TO BE VERIFIED AND BEFORE COMMENCEMENT OF WORK.
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R800/1001

INFRASTRUCTURE PLANNING SERVICES

IPS

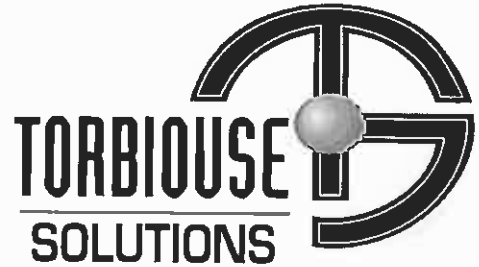
414 Duikse Road
Mafikeng
0184
Tel: +27 (17) 342 8000
Fax: +27 (17) 342 8008
services@ips.co.za
P.O. Box 23017
Pretoria
0134

TYPICAL LATTICE MAST PAINTED RED & WHITE



Our Reference:
T9238 / 17/2/3GS-116

Your Reference:



21 June 2012

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

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Attention: J.S Mbhele
Councillor: Ward 23

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Facsimile: +27 (0) 17 843 4001

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 IT

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

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

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

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

Kind Regards,

WA VAN'T FOORT

For: Torbious Solutions cc

Comments:

Destination	Start Time	Time	Prints	Result	Note
0114502294	06-25 08:28	00:12:59	010/010	OK	

Note TWR: 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, SB: Special original, FCODE: F-code, RTX: Re-TX, RLV: Relay, MEX: Confidential, BUL: Bulletin, SIP: SIP Fax, IPADR: IP Address Fax, I-FAX: Internet Fax

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

Our Reference:
 T9238 / 17/2/3GS-118

Your Reference:

21 June 2012

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

Attention: J.S Mbhele
 Councillor: Ward 23

Facsimile: +27 (0) 17 843 4001



Reg. No. 2001/080535/23
 PO Box 32017, Totterdell, 0134
 414 Rustic Road
 Silvertondale, 0184
 Pretoria
 Tel: (012) 804 1804/6
 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 (CC) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 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,

P. P. van't Foort

WA VAN'T FOORT
 For: Torbious Solutions co

Comments:

Destination	Start Time	Time	Prints	Result	Note
0114502294	06-22 12:56	00:12:59	010/010	OK	

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

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

Our Reference:
T9238 / 17/2/3GS-118

Your Reference:

21 June 2012

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

Attention: J.S Mbhele
Councillor: Ward 23

Facsimile: +27 (0) 17 843 4001



Reg. No. 2001/060535/23
PO Box 32017, Totterdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Tel: (012) 504 1504/6
Fax: (012) 504 7072
e-mail: admin@torblousesolutions.co.za

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (GG) IN REGULATION 548: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 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.

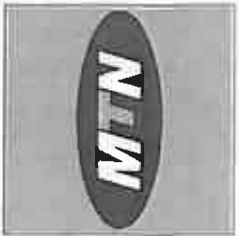
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

P. P. van't Foort

WA VAN'T FOORT
For: Torblouse Solutions cc

Comments:



1877 Planning Service
 Block B, Woodlands Corporate
 Woodlands, CO813
 Tel: +27 (0) 21 543 5000
 Fax: +27 (0) 21 543 5200
 Private Bag 109
 Woodlands 7800

SITE NAME
GLENTYAN FARM

PROJECT NUMBER
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	MM	FIRST ISSUE

NOTES
 OWNER: URB NICOLAAS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION:
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES
 LAT : 28° 10' 00.70" S
 LONG : 30° 20' 30.80" E

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPUNALWANA



454 Public Road
 Woodlands
 0154
 Tel: +27 (0) 21 544 10249
 Fax: +27 (0) 21 544 7072
 www@ipsplanning.co.za

P.O. Box 22017
 Woodlands
 0154

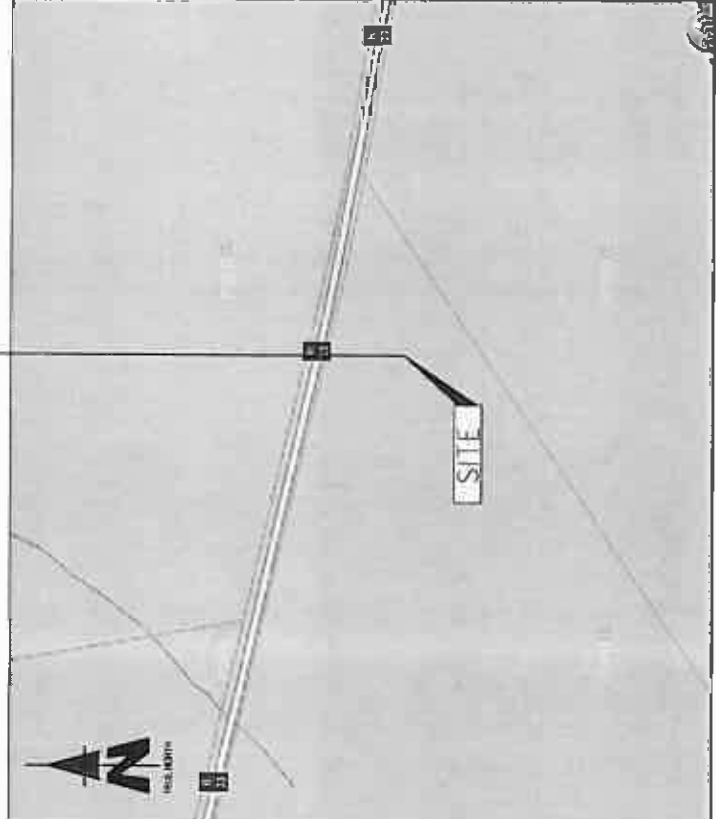
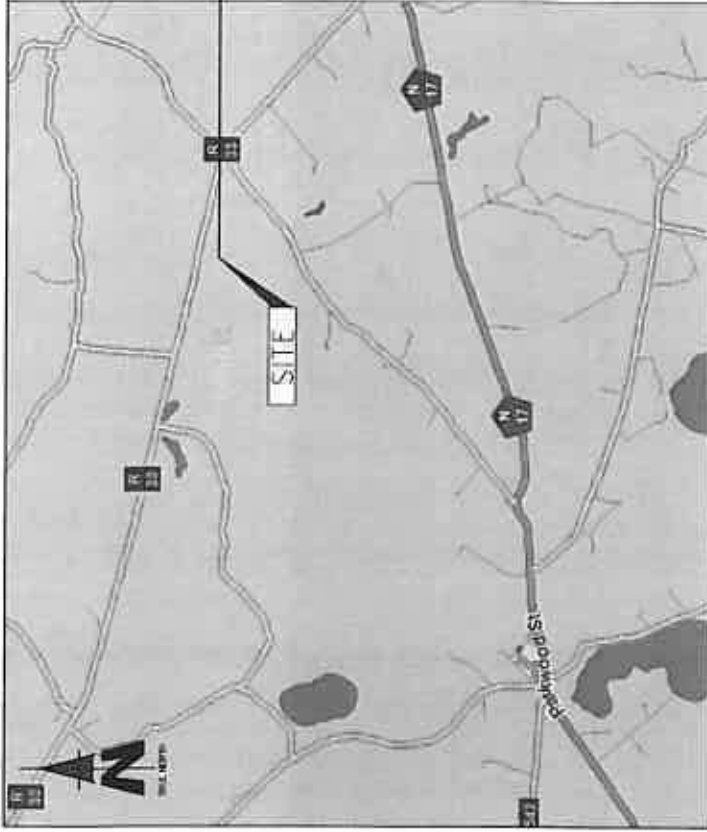
RFQ NO.:
 160211

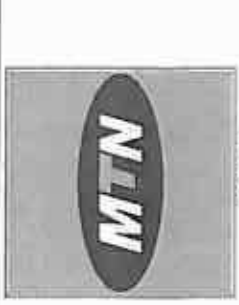
PROJECT NUMBER
 110840

DRAWINGS MUST NOT BE SEALED. ONLY ISSUED NUMBERS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE. SET OUT CORNER NUMBERS
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE
 INFRASTRUCTURE SPECIFICATION R01/101
 ISSUE: 13/02/2012

DRAWN: HENDRICK MAKINTA DATE: 13/02/2012
 SCALE: NTS REF. NO: 812/T9238

LOCALITY MAP
 SHEET 1 OF 9





2501 Peninsula Drive
 14000 Highway 101
 Head Office, Toronto
 Tel: 416-714-3400
 Fax: 416-714-3401
 Project Office, 100
 Mountain Road
 Toronto, ON
 M1S 5B6
 Tel: 416-714-3400
 Fax: 416-714-3401

SITE NAME:
 GLENTYAN FARM

BASE STATION NUMBER:
 T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	MM	FIRST ISSUE

NOTES:
 OWNER: URS NICOLAAS JOHANNES JANSE

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN PT

COORDINATES
 LAT : 20° 10' 05.70" S
 LONG : 30° 20' 30.80" E

PROJECT
 NEW 800m TELECOMMUNICATION BASESTATION WITH A
 5m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 GLENTYAN FARM
 OFF THE RGS TOWARDS CAROLINA
 KIPUMALANGA

INFRASTRUCTURE PLANNING SERVICES

IPS

444 Bule Road
 Sandton
 0194
 Tel: +27 (11) 884 18048
 Fax: +27 (11) 804 7072
 info@ipsafrica.com

REG NO:
 180211

PROJECT NUMBER
 118848

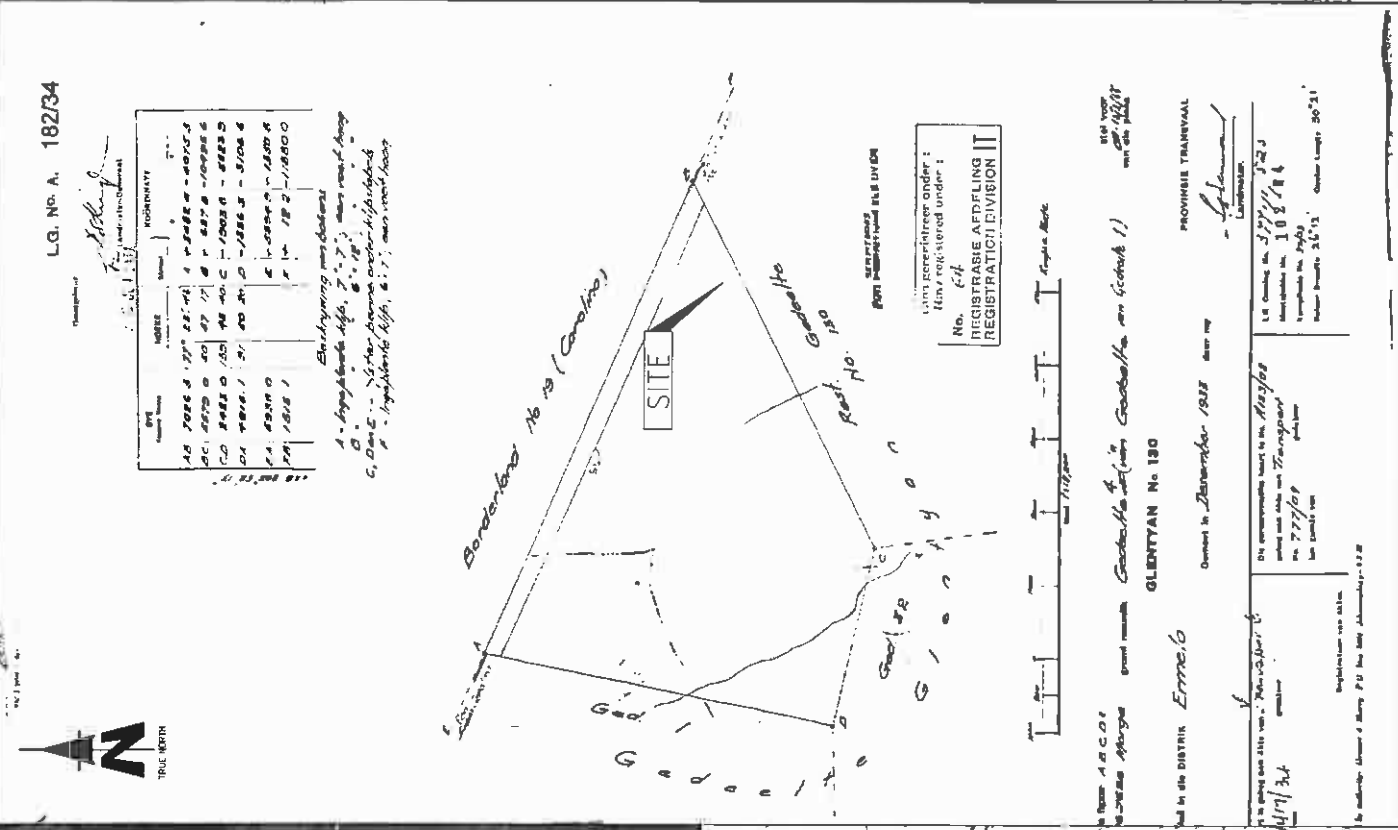
DRAWINGS MUST NOT BE SCALED. ONLY RELEVANT DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION (REV 1/00) ISSUE 1 (REVISED NOVEMBER 2007)

DRAWING: HENDRICK MAKINTA | DATE: 13/02/2012

SCALE: NTS | REF. NO: 812/8238

CADASTRAL INFO
 SHEET 2 OF 9



L.G. No. A. 182/34

13/02/2012

URS

180211

118848

13/02/2012

Hendrick Makinta

13/02/2012

118848

13/02/2012

Hendrick Makinta

13/02/2012

118848

13/02/2012

Hendrick Makinta

13/02/2012

118848

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Hendrick Makinta

13/02/2012

118848

13/02/2012

Hendrick Makinta

13/02/2012

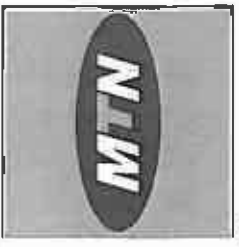
118848

13/02/2012

Hendrick Makinta

13/02/2012

118848



1441 Hendrick Drive
 Mark B. Hendrick, Company
 Phone: 812 320 2200
 Fax: 812 320 2208
 Mobile: 812 320 2201
 Website: www.mtn.com

SITE NAME:
 GLENTYAN FARM

BASE STATION NUMBER:
 T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: UYS NICOLAAS JOHANNES JANSE

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 29° 10' 05.70" S
 LONG : 30° 20' 30.80" E

PROJECT:
 NEW 84m TELECOMMUNICATION BASESTATION WITH A
 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPUMALANGA



414 Rusk Road
 Silvertonville
 C184
 P.O. Box 32017
 Tlokeleng
 0154
 Tel: +27 (12) 804 18248
 Fax: +27 (12) 804 7072
 admin@ipsinfra.com

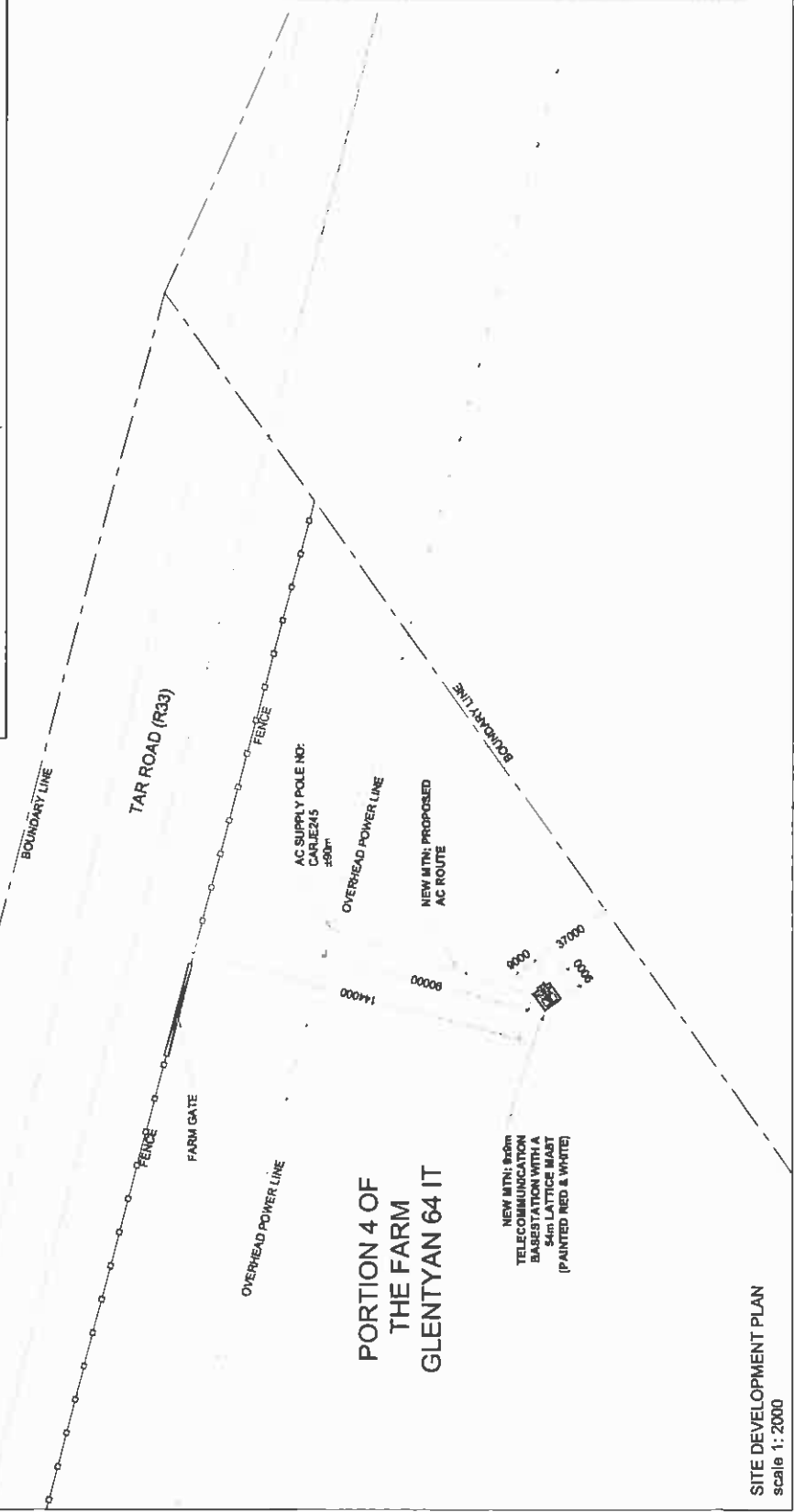
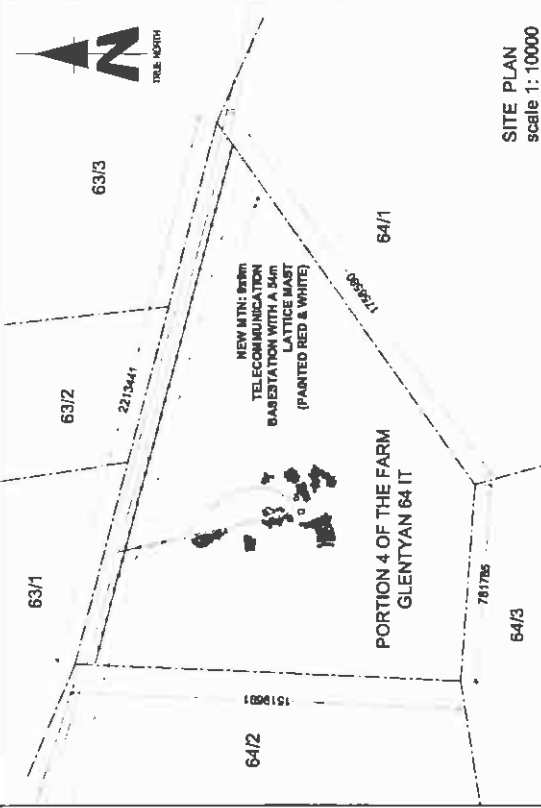
RFO NO.:
 180211

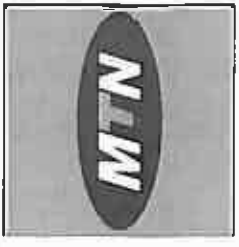
PROJECT NUMBER:
 118M46

DRAWN: HENDRICK MAKINTA
DATE: 13/02/2012
SCALE: 1:2000

REF. NO.: 812/T9238

SITE DEVELOPMENT PLAN
SHEET 3 OF 9





1287 Pineside Drive
 Block 8, Helderberg Corridor
 Helderberg, COAD3

Tel: +27 (0) 21 542 2000
 Fax: +27 (0) 21 542 2000
 Private Mail Bag 3115
 Mairitz Park

SITE NAME: **GLENTYAN FARM**
 BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: UYS NICOLAAS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION:
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 29° 10' 05.70" S
 LONG : 30° 20' 30.80" E

PROJECT
 NEW 8x8m TELECOMMUNICATION BASESTATION WITH A
 8x4m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPUMALANGA

IPS
 INFRASTRUCTURE
 PLANNING SERVICES

434 Parkle Road
 Blydenburg
 0154

Tel: +27 (0) 84 18348
 Fax: +27 (0) 84 7072
 admin@ipsinfra.com

P.O. Box 22017
 Telford
 0134

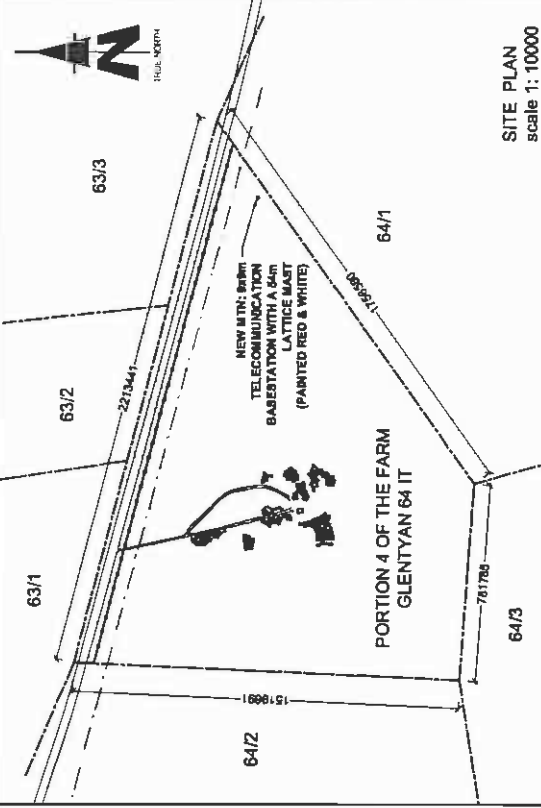
RFO NO.:
 160211

PROJECT NUMBER:
 110849

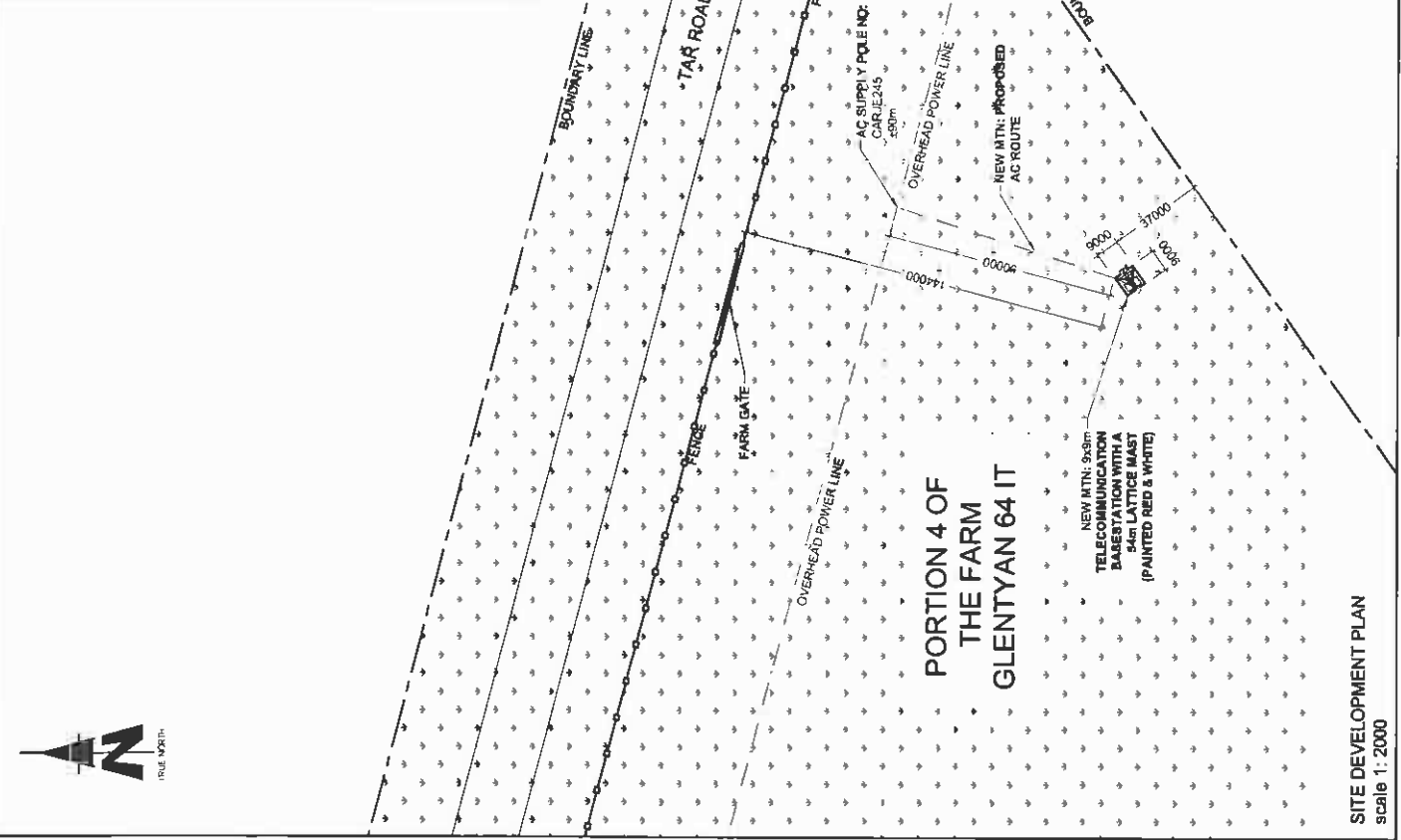
DRAWINGS MUST NOT BE SCALED. ONLY REFERRED DIMENSIONS TO BE
 USED. DIMENSIONS TO BE VERIFIED ON SITE. SET-OUTS FOR COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN'S SITE
 INFRASTRUCTURE SPECIFICATION (R001/001
 ISSUE 1 (REVISED 04/01/2007))

DRAWN: HENDRICK MAKINTA DATE: 13/02/2012
 SCALE: 1:2000 REF. NO: 812/19238

CURRENT LAND USE
 SHEET 4 OF 9



SITE PLAN
 scale 1: 10000

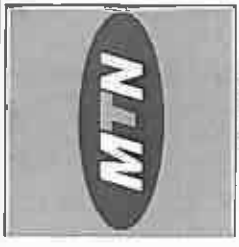


**PORTION 4 OF
 THE FARM
 GLENTYAN 64 IT**

SITE DEVELOPMENT PLAN
 scale 1: 2000

LEGEND

AGRICULTURAL



1571 Republic Street
 7th Floor, Hillside Building
 Hillside, Durban
 4013
 Phone: +27 (0) 31 200 1000
 Fax: +27 (0) 31 200 1000
 www.mtn.com

SITE NAME: **GLENTYAN FARM**
 BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: UYS NICOLAAS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION:
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 29° 10' 02.70" S
 LONG : 30° 20' 30.80" E

PROJECT:
 NEW 800m TELECOMMUNICATION BASESTATION WITH A
 5m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPUMALANGA

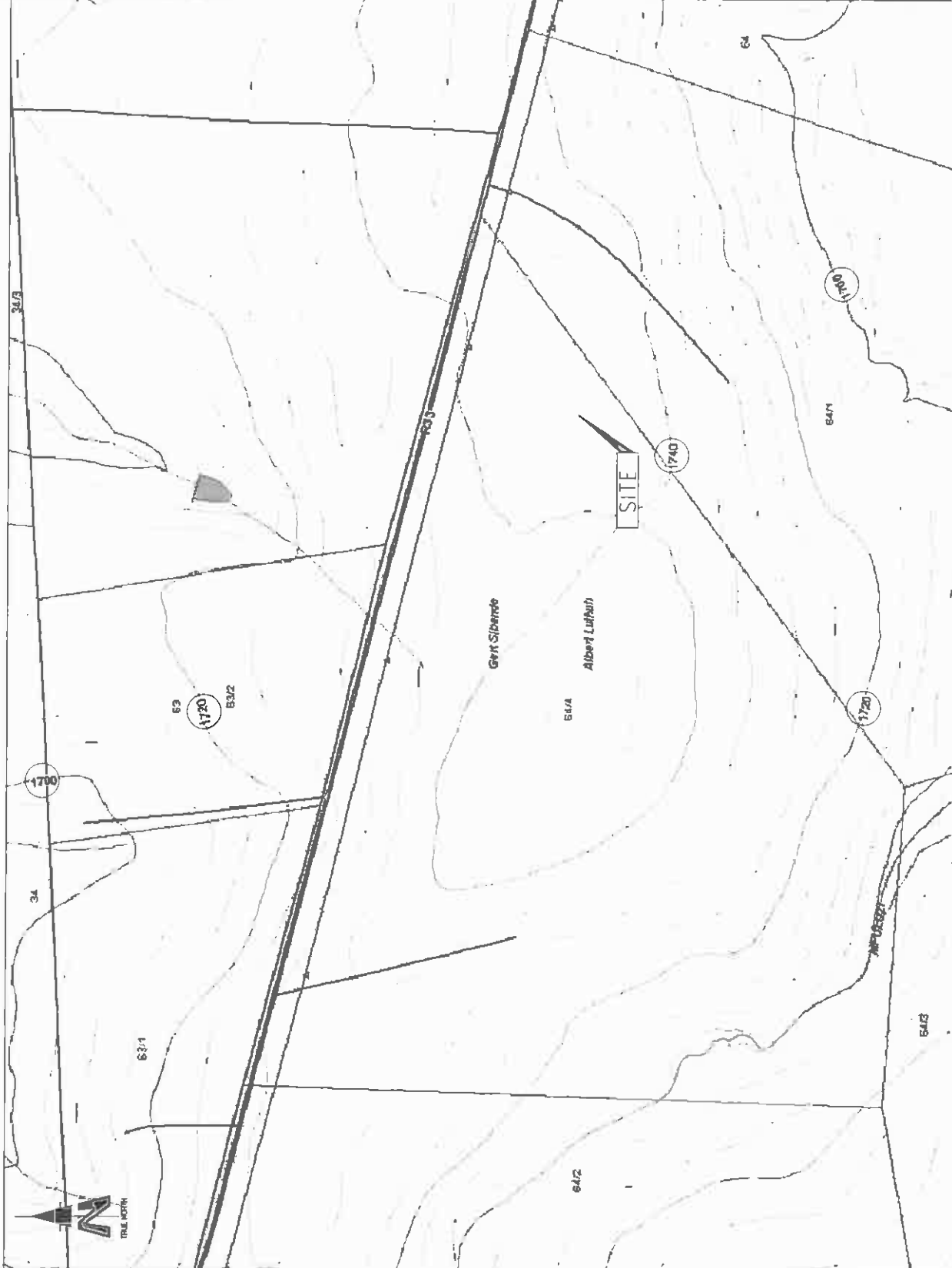


154 South Road
 Shearwater
 Durban
 4013
 Tel: +27 (0) 31 200 1000
 Fax: +27 (0) 31 200 1000
 www.ipsafrica.com

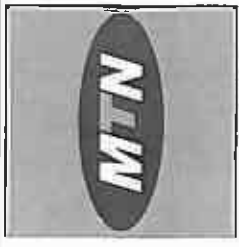
PROJECT NUMBER:
 110849

DRAWING: HENDRICK MAKINTA
 DATE: 13/02/2012
 REF. NO: 812/T9238

CONTOUR INTERVAL
 SHEET 5 OF 9



1700
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 1740
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 3000



123 Pretoria Street
Newcastle 6017
Head Office: 031 261 2000
Fax: 031 261 2001
www.mtn.co.za

Project Title: 144
New Mtn Base Station
at 64 IT

SITE NAME: **GLENTYAN FARM**

BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
OWNER: UYS NICOLAAS JHANNES JANSZ

STRICTLY COMPANY CONFIDENTIAL
PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
LAT : 29° 10' 00.70" S
LONG: 30° 20' 30.80" E

PROJECT:
NEW 800m TELECOMMUNICATION BASESTATION WITH A
5m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
GLENTYAN FARM,
OFF THE R33 TOWARDS CAROLINA,
MIDWALANDA

INFRASTRUCTURE
PLANNING SERVICES



P.O. Box 33017
Midrand
16001
Tel: +27 (11) 804 1000
Fax: +27 (11) 804 1003
info@infrastructure.co.za

RFO NO.: 180211

PROJECT NUMBER: 110848

DRAWN: HENDRICK MAKINTA | DATE: 13/02/2012

SCALE: 1:2000 | REF. NO: 812/10238

SITE PHOTOGRAPHS
SHEET 6 OF 9

DRAWINGS MUST NOT BE SCALED. ONLY FEATURE DIMENSIONS TO BE
USED. DIMENSIONS TO BE PERFORMED ON SITE BY GPR. COMMENCEMENT
OF WORK
ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE
INFRASTRUCTURE SPECIFICATION (REV 1/1001
ISSUE 1) (VERSION 01 NOVEMBER 2007)

123 Pretoria Street
Newcastle 6017
Head Office: 031 261 2000
Fax: 031 261 2001
www.mtn.co.za

Project Title: 144
New Mtn Base Station
at 64 IT

SITE NAME: **GLENTYAN FARM**

BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
OWNER: UYS NICOLAAS JHANNES JANSZ

STRICTLY COMPANY CONFIDENTIAL
PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
LAT : 29° 10' 00.70" S
LONG: 30° 20' 30.80" E

PROJECT:
NEW 800m TELECOMMUNICATION BASESTATION WITH A
5m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
GLENTYAN FARM,
OFF THE R33 TOWARDS CAROLINA,
MIDWALANDA

INFRASTRUCTURE
PLANNING SERVICES

P.O. Box 33017
Midrand
16001
Tel: +27 (11) 804 1000
Fax: +27 (11) 804 1003
info@infrastructure.co.za

RFO NO.: 180211

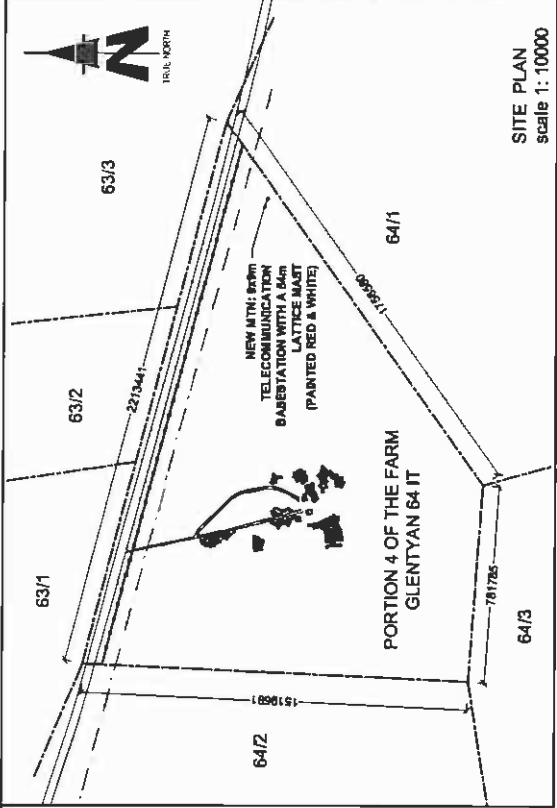
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DRAWN: HENDRICK MAKINTA | DATE: 13/02/2012

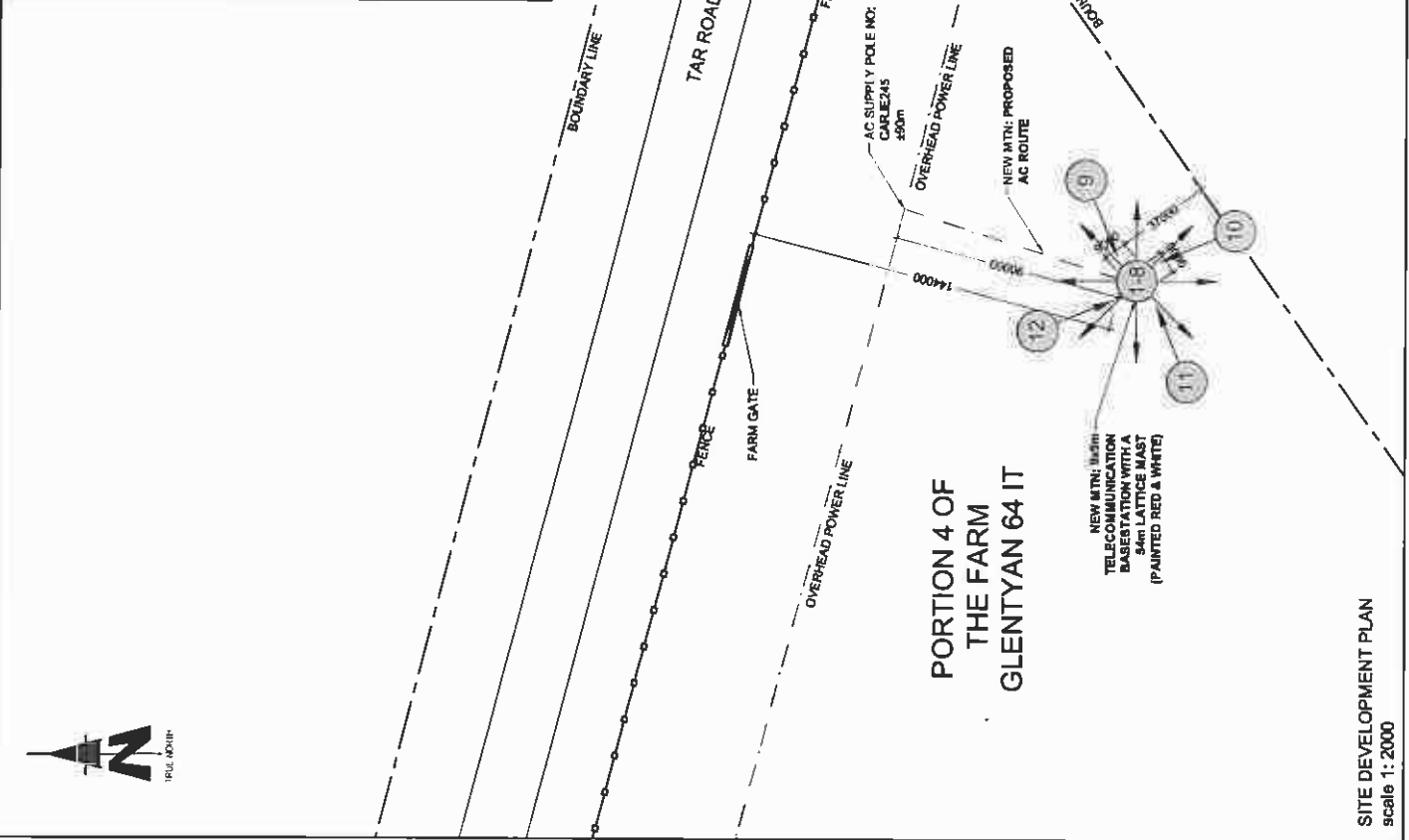
SCALE: 1:2000 | REF. NO: 812/10238

SITE PHOTOGRAPHS
SHEET 6 OF 9

DRAWINGS MUST NOT BE SCALED. ONLY FEATURE DIMENSIONS TO BE
USED. DIMENSIONS TO BE PERFORMED ON SITE BY GPR. COMMENCEMENT
OF WORK
ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE
INFRASTRUCTURE SPECIFICATION (REV 1/1001
ISSUE 1) (VERSION 01 NOVEMBER 2007)

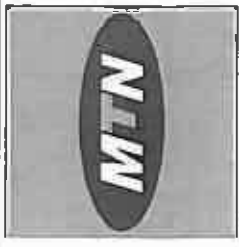


SITE PLAN
scale 1:10000



PORTION 4 OF
THE FARM
GLENTYAN 64 IT

SITE DEVELOPMENT PLAN
scale 1:2000



2501 Springside Drive
 Springside
 Midrand 1601
 Tel: +27 (0) 11 252 2000
 Fax: +27 (0) 11 252 1000
 www.mtn.co.za

SITE NAME:
GLENTYAN FARM

BASE STATION NUMBER:
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: UYS NICOLAAS JOHANNES JANSE

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 28° 10' 05.70" S
 LONG : 30° 20' 30.50" E

PROJECT:
 NEW 649m TELECOMMUNICATION BASESTATION WITH A
 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 GLENTYAN FARM
 OFF THE R33 TOWARDS CAROLINA,
 MPUMALANGA



454 Quile Road
 Springside
 Midrand
 Tel: +27 (0) 11 252 2000
 Fax: +27 (0) 11 252 1000
 www.ipsinfra.com

RFC NO.:
 180211

PROJECT NUMBER:
 110540

DRAWN: HENDRICK MAKINTA
DATE: 13/02/2012

SCALE: 1:75
REF. NO.: 812/18/238

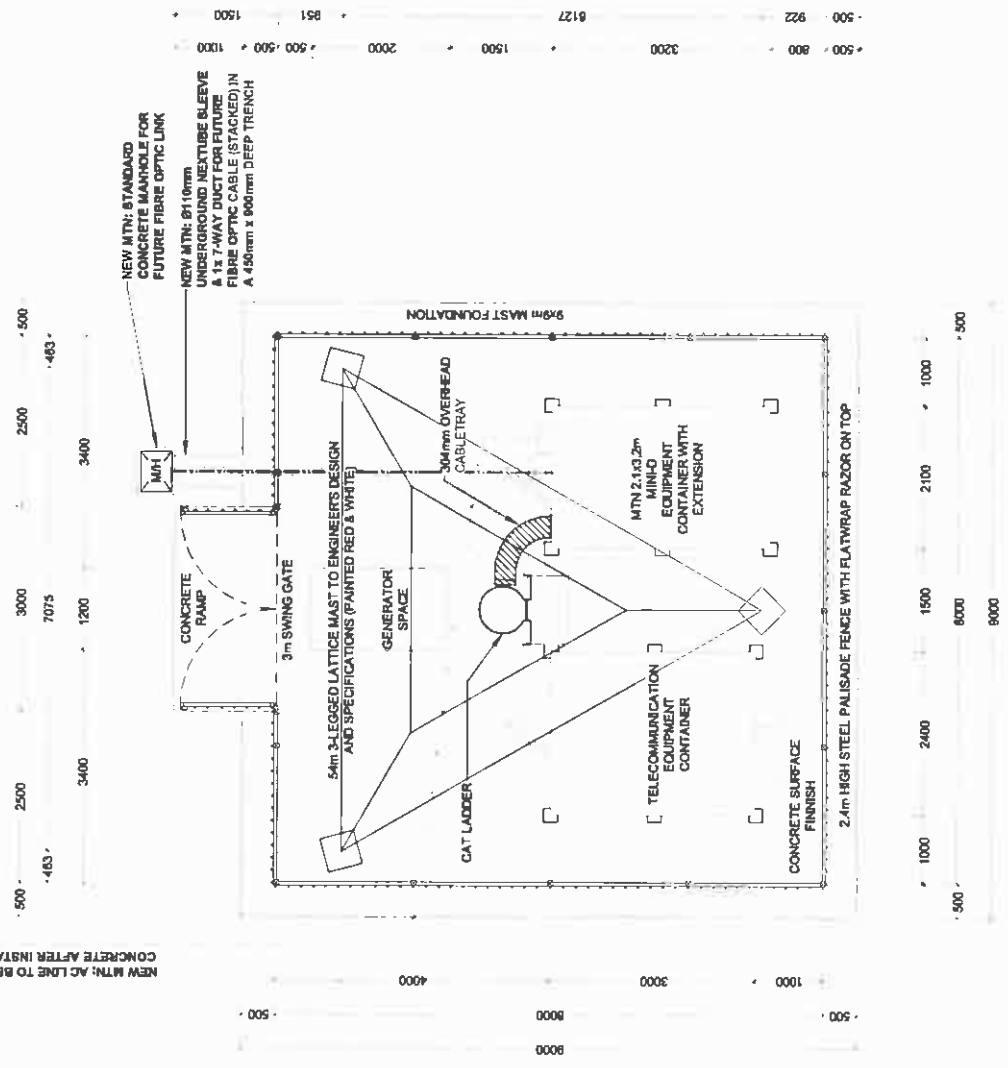
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R011/001 ISSUE 1 (REVISION 01/NOVEMBER 2007)

SITE DETAIL
SHEET 7 OF 9

**PORTION 4 OF THE FARM
 GLENTYAN 64 IT**

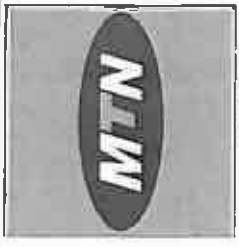
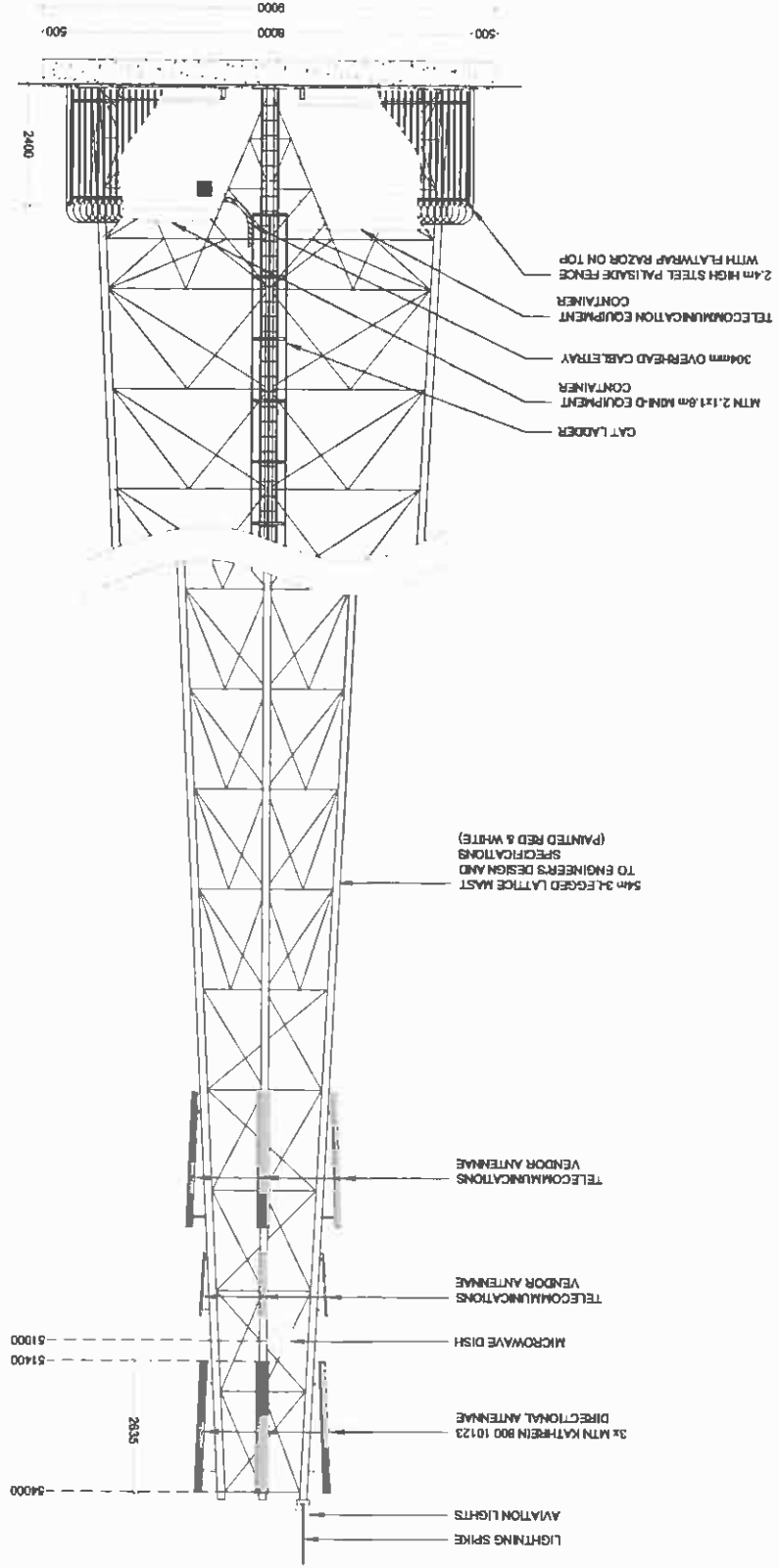
NEW MTN AC LINE TO BE CAST IN CONCRETE AFTER INSTALLATION



- NOTES:**
1. HIGH RISK SITE
 2. CONTAINER TO HAVE SECURITY GATE
 3. AC LINE TO BE CAST IN CONCRETE AFTER INSTALLATION
 4. ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION

MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	800 10123	51.4			7/8"	±.55
2	120°	800 10123	51.4			7/8"	±.55
3	240°	800 10123	51.4			7/8"	±.55



1307 Peninsula Drive
Block 8, Middelburg Campus
Middelburg 6001

14-0117 (01) (01) (01)
14-0117 (01) (01) (01)
14-0117 (01) (01) (01)

Project Built by
Middelburg 210
Middelburg

SITE NAME:
GLENTYAN FARM

BASE STATION NUMBER:
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
OWNER: UYS NICOLAAS JOHANNES JANSE

PROPERTY DESCRIPTION:
STRICTLY COMPANY CONFIDENTIAL
PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
LAT : 29° 10' 05.70" S
LONG : 30° 20' 30.80" E

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

ADDRESS:
GLENTYAN FARM,
OFF THE R33 TOWARDS CAROLINA,
MIDMALLANGA

INFRASTRUCTURE PLANNING SERVICES

444 Bule's Road
Midmalla
0154

Tel: +27 (12) 804 1000
Fax: +27 (12) 804 7073
www.ipsinfra.com

P.O. Box 32017
Ficksburg
0154

REF ID NO:
180211

PROJECT NUMBER:
118848

DRAWN: HENDRICK MAKINTA
DATE: 13/02/2012

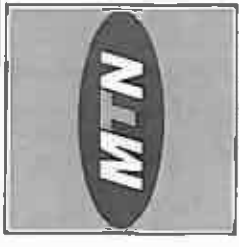
SCALE: 1:100

REF. NO: 812/19238

DRINKING WATER: NOT BE SCALED. ONLY MEASURED DIMENSIONS TO BE USED. UMS RESPON TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN BITS SITE IN-FASTRAUC LUMP SPECIFICATION 4001/1001 ISSUE 1. TELEVISION MODEL MILLER 2007

SOUTH WEST ELEVATION
SHEET 8 OF 9



151 Pekaia Street
 2nd Floor, 2nd Floor Computer
 Hardware, CBD
 Tel: +27 (11) 343 3000
 Fax: +27 (11) 343 3008
 Poyntz Square 146
 Hardware, Poyntz AT 15
 Harare Park

SITE NAME: **GLENTYAN FARM**
 BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: UYS HODDLAG JOHANNES JARBE

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 26° 10' 05.70" S
 LONG : 30° 20' 30.60" E

PROJECT:
 NEW 945m TELECOMMUNICATION BASESTATION WITH A
 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPUMALANGA



INFRASTRUCTURE
 PLANNING SERVICES

444 South Street
 Johannesburg
 2194
 Tel: +27 (11) 804 4900
 Fax: +27 (11) 804 7072
 info@ipsplanning.co.za

P.O. Box 20617
 Johannesburg
 20134

RFQ NO.:
 180211

PROJECT NUMBER:
 118648

DRAWN: HENDRICK MANKOTA DATE: 13/02/2012

SCALE: NTS REF. NO: 812/T9238

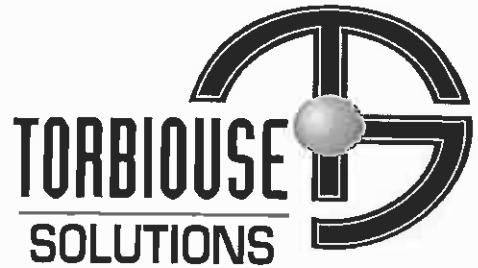
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS BITE INFRASTRUCTURE SPECIFICATION 8001/1801 ISSUE 1 REVISION 6 NOVEMBER 2007

TYPICAL LATTICE MAST PAINTED RED & WHITE



Our Reference:
T9238 / 17/2/3GS-116



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

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Attention: Mr Mbuleleni Ambrose Ngcobo

Environmental Management Section

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Facsimile (017) 631 1607

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 IT

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

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

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

Kind Regards,

WA VAN'T FOORT

For: Torbious Solutions cc

Comments:

TX Result Report

P 1
 25/06/2012 10:59
 Serial No. A02E041005510
 TC: 954235

Destination	Start Time	Time	Prints	Result	Note
0178111207	06-25 10:56	00:02:37	010/010	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,
 MX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FWD: Forward, PC: PC-Fax,
 BND: Double-Sided Binding Direction, SP: Special Original, FCODE: F-Code, RTX: Re-TX,
 RLV: Relay, MCF: 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:
 T9238 / 17/2/3GS-118



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

Reg. No. 2001/080535/23
 PO Box 32017, Totodsdal, 0134

414 Rustic Road
 Silvertondale, 0184
 Pretoria

Attention: Mr Mbuleleni Ambrose Ngcobo
 Environmental Management Section

Tel: (012) 804 1804/8
 Fax: (012) 804 7872
 e-mail: admin@torbiousolutions.co.za

Facsimile (017) 631 1607

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 IT

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

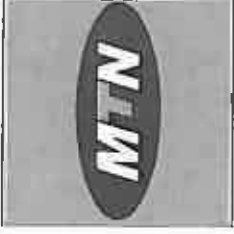
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application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

P. P. J. van't Foort
WA VAN'T FOORT
 For: Torbious Solutions cc

Comments:



1287 Pretorius Street
 Hillcrest, 7955
 Telephone: 031 812 1000
 Fax: 031 812 361288
 E-mail: info@mtn.co.za
 Website: www.mtn.co.za

SITE NAME:
 GLENTYAN FARM

BASE STATION NUMBER:
 T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: URS NICOLAAS JOHANNES JANSE.

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT : 29° 10' 08.70" S
 LONG : 30° 20' 30.80" E

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE R103 TOWARDS CAROLINA,
 MPUMALANGA



**INFRASTRUCTURE
 PLANNING SERVICES**

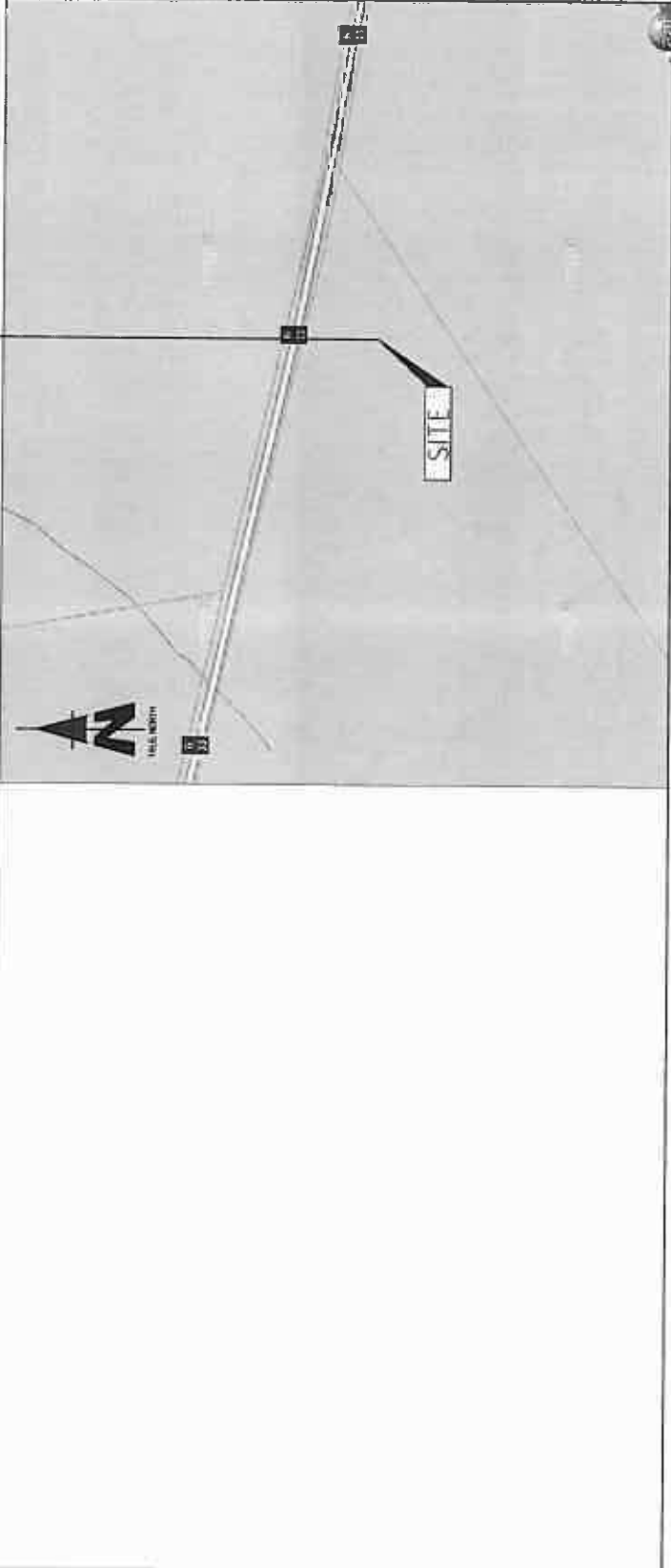
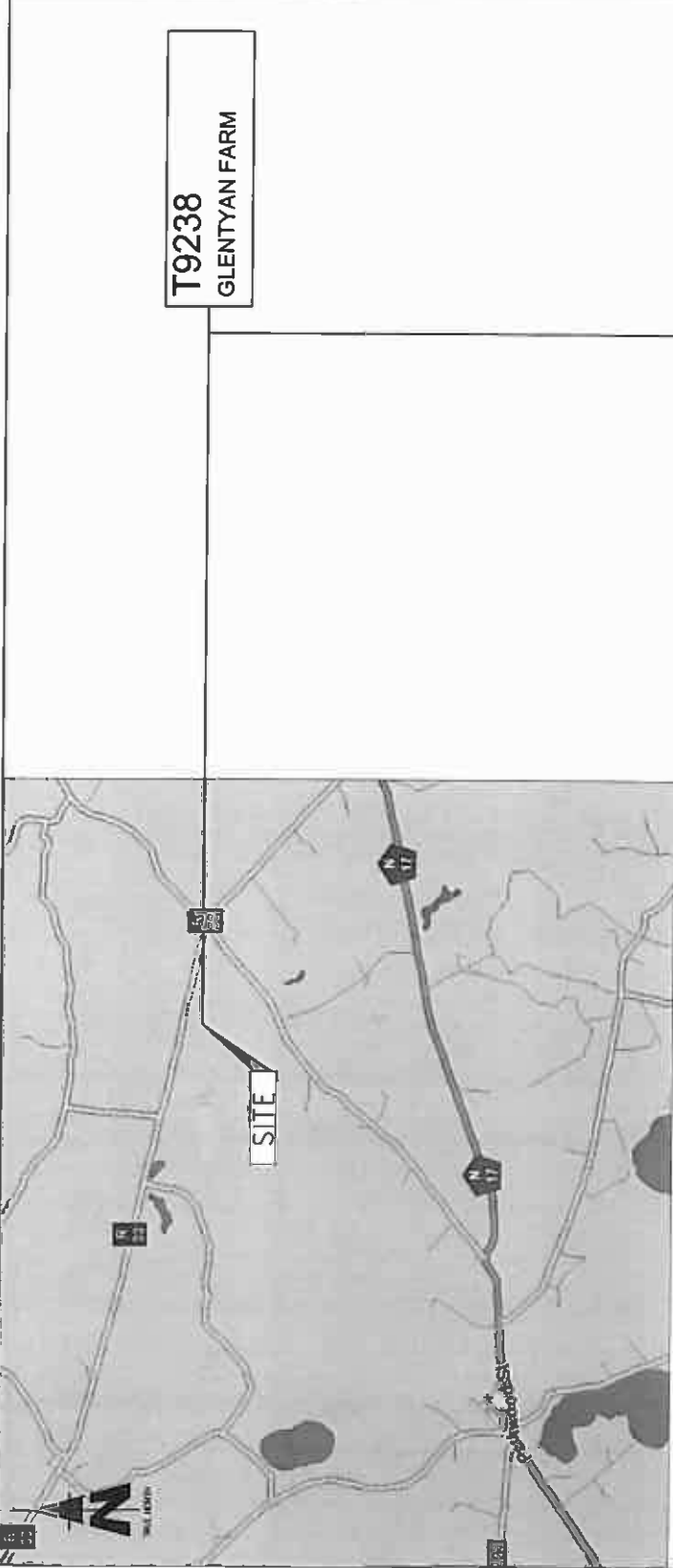
414 Pacific Street
 Sandtonville
 DTB
 Telephone: 011 812 1000
 Fax: 011 812 361288
 E-mail: info@ips.co.za

RFC NO.:
 160211

PROJECT NUMBER:
 110846

DRAWN: HENDRICK MAKINTA
DATE: 13/02/2012
SCALE: NTS
REF. NO.: 812/19238

LOCALITY MAP
SHEET 1 OF 9

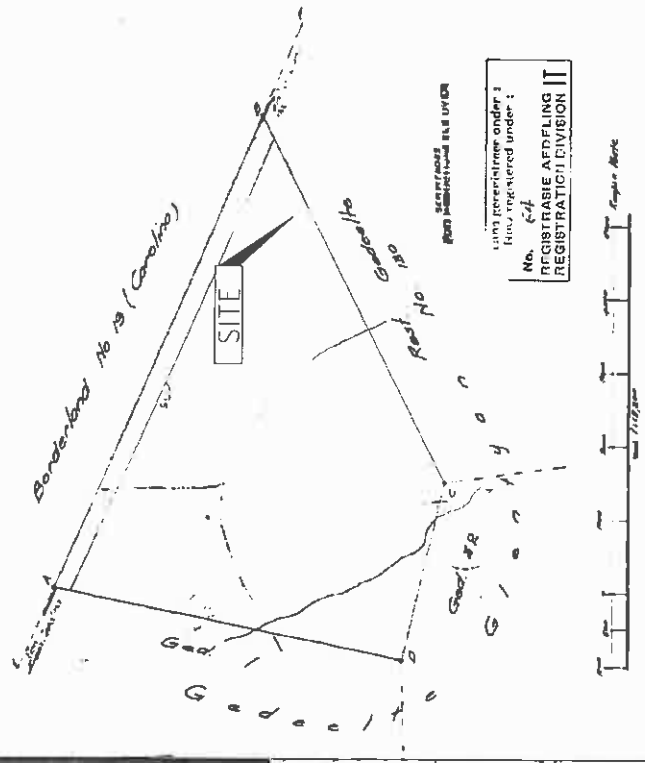


LG. No. A. 182/34

[Handwritten signature]
[Handwritten name]

NO.	DATE	BY	DESCRIPTION
1	12/20/12	MM	FIRST ISSUE

Bechuying was done at 12/20/12
A. Koppelaar, 12/20/12, was not here
C. Danc. 12/20/12, was not here
P. Koppelaar, 12/20/12, was not here



125540
 1740
 1720
 1700
 84/3
 84/4
 84/5



182/34
 182/34
 182/34
 182/34

GLENTYAN FARM
 T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	MM	FIRST ISSUE

NOTES:
 OWNER: URS NICOLAAS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 6417

COORDINATES
 LAT : 29° 10' 06.70" S
 LONG : 30° 27' 30.80" E

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 BIFUMALANGA

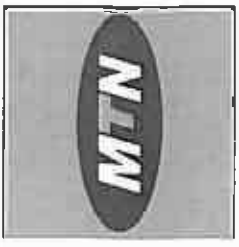


414 Bule Blvd
 Sandton
 2194
 Tel: +27 (0) 21 534 1544
 Fax: +27 (0) 21 534 7072
 info@ipsinfrastructure.co.za

RFO NO.
 180211
 PROJECT NUMBER
 110640

DRAWN: HENDRICK MARINTA | DATE: 13/02/2012
 SCALE: 1:1250
 REF. NO: 812/18238

CADASTRAL INFO
 SHEET 2 OF 9



1811 Pinnacle Blvd
 Meridian, MS 39301
 Phone: 601.424.1000
 Fax: 601.424.1001
 Website: www.mtn.com

SITE NAME:
 GLENTYAN FARM

BASE STATION NUMBER:
 T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: UYS MCCLELLAN JOHANNES JENSE

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES
 LAT : 29° 10' 05.70" S
 LONG : 90° 20' 30.80" E

PROJECT
 NEW 949m TELECOMMUNICATION BASESTATION WITH A
 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPUMALANGA



414 Ruysho Road
 Johannesburg
 G.P. No. 2007
 Tel: +27 (0) 11 7072 0100
 Fax: +27 (0) 11 7072 0104
 www.ipsinfra.com

RFC NO.:
 160211

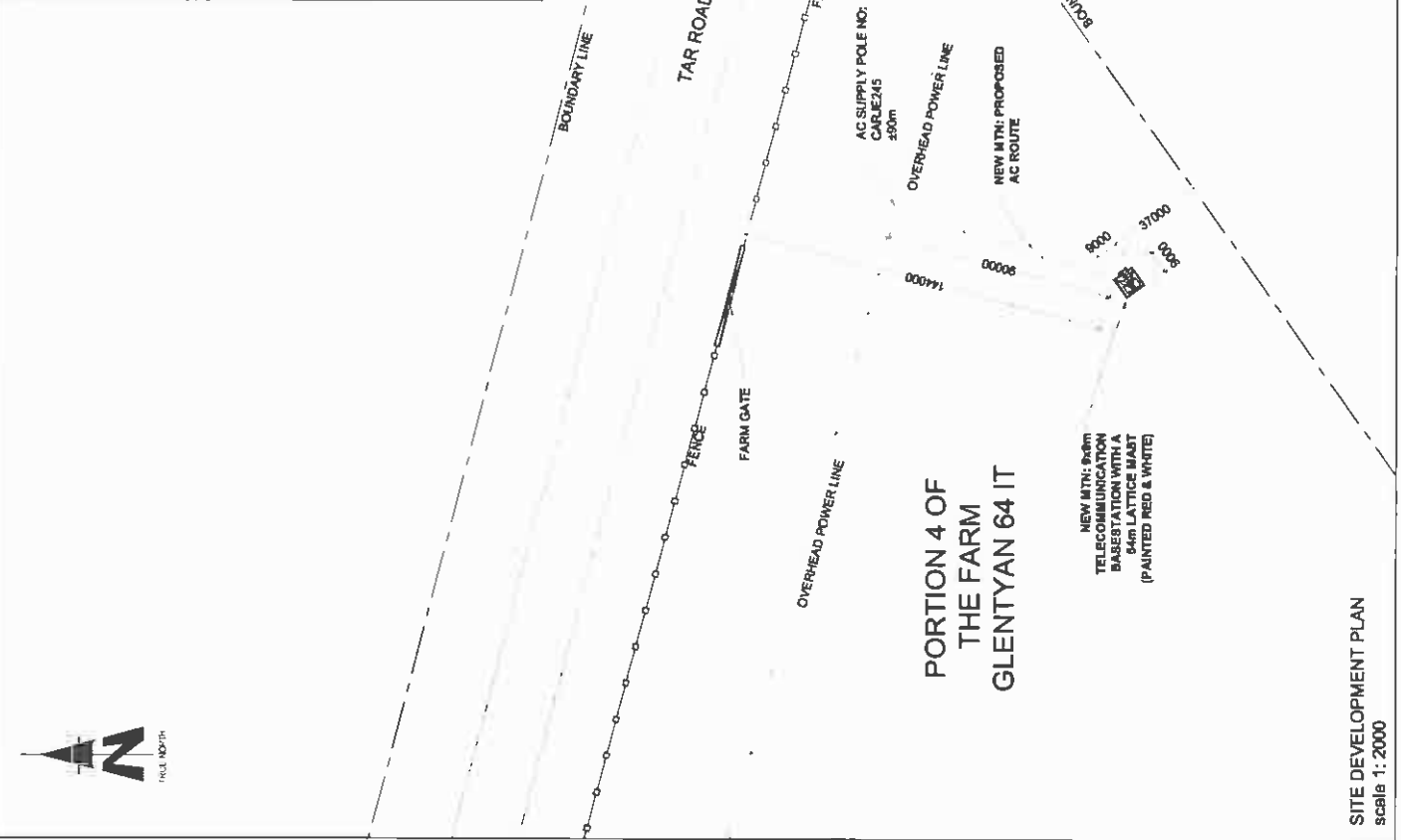
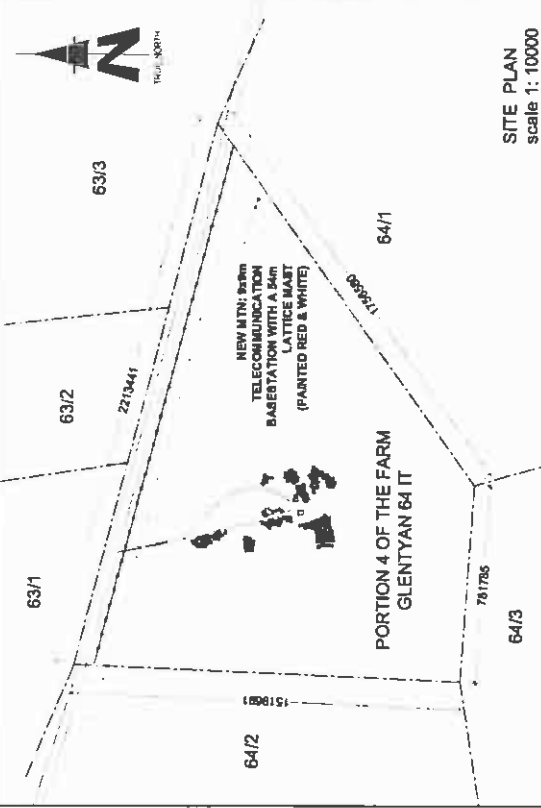
PROJECT NUMBER:
 115946

DRAWN: HENDRICK MAKINTA
DATE: 13/02/2012
SCALE: 1:2000

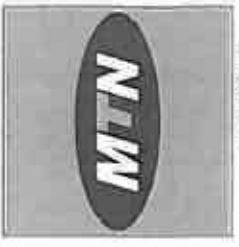
REF. NO.: 812/T9238

SITE DEVELOPMENT PLAN
 SHEET 3 OF 9

DISCLAIMER: THIS PLAN IS A PRELIMINARY DESIGN AND SHOULD NOT BE USED FOR CONSTRUCTION OR FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN APPROVAL OF IPS. ALL WORK TO BE PERFORMED ACCORDING TO THE SPECIFICATIONS AND STANDARDS OF THE SOUTH AFRICAN TELECOMMUNICATIONS REGULATORY AUTHORITY (ICSA).



SITE DEVELOPMENT PLAN
 scale 1: 2000



1387 Pretoria Street
Block 8, Trade Centre
Hemloft, 0103

Tel: +27 (0) 11 240 0281
Fax: +27 (0) 11 240 0289

Project Ref: 148
Private Reg: 213
Marty Park

SITE NAME:
GLENTYAN FARM

BASE STATION NUMBER:
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
OWNER: UYS NICOLAAS JOHANNES JANSE

PROPERTY DESCRIPTION:
STRICTLY COMPANY CONFIDENTIAL
PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
LAT : 28° 10' 05.70" S
LONG : 30° 20' 30.80" E

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

ADDRESS:
GLENTYAN FARM
OFFICE 101 TOWARDS CAROLINA,
MPUMALANGA



414 Riebee Road
Blenheimville
0184

Tel: +27 (0) 84 18048
Fax: +27 (0) 84 18072
admin@ipsplan.com

P.O. Box 32017
Toll-free
0124

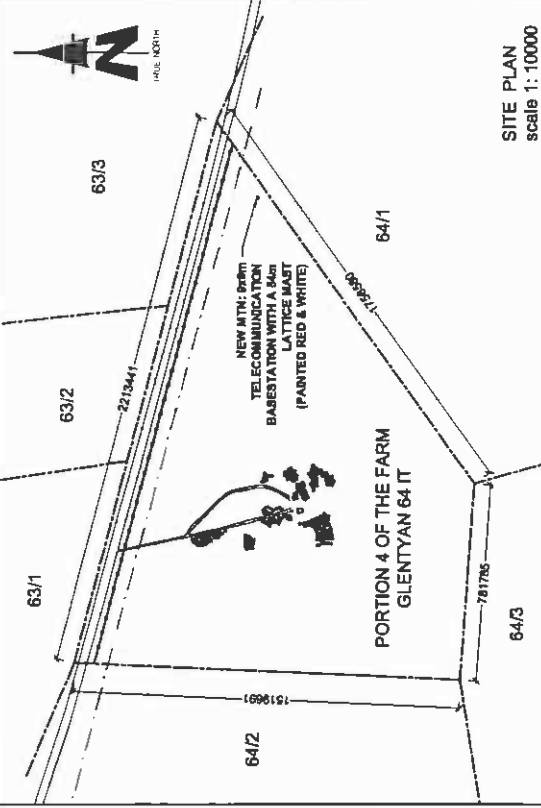
RFQ NO.:
180211

PROJECT NUMBER:
110946

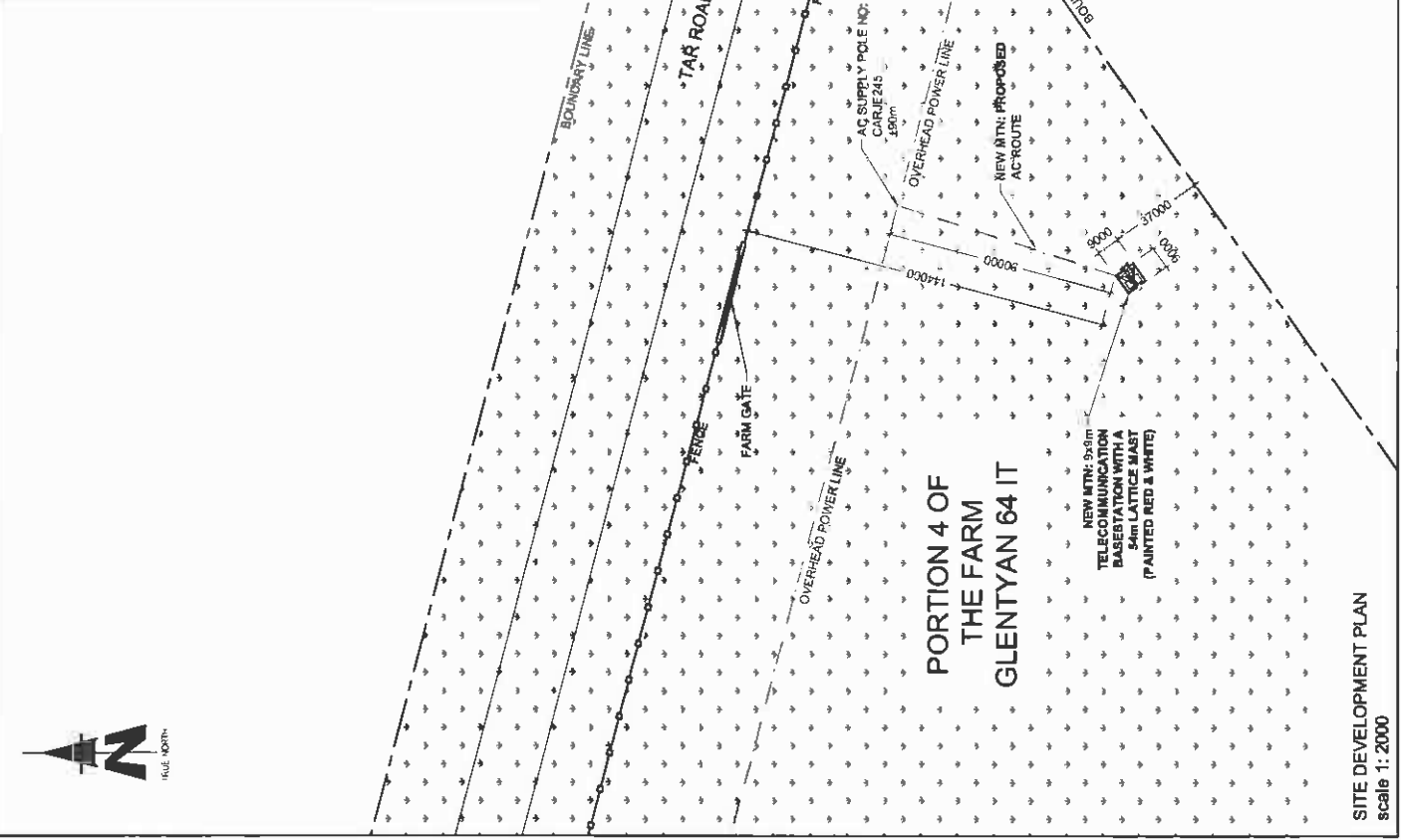
DRAWN: HENDRICK MAKINTA
DATE: 13/02/2012

SCALE: 1:2000
DATE: 13/02/2012

CURRENT LAND USE:
SHEET 4 OF 9



SITE PLAN
scale 1:10000



SITE DEVELOPMENT PLAN
scale 1:2000

LEGEND

[Symbol]	AGRICULTURAL
[Symbol]	CURRENT LAND USE

DRAWN: HENDRICK MAKINTA
DATE: 13/02/2012

SCALE: 1:2000
DATE: 13/02/2012

CURRENT LAND USE:
SHEET 4 OF 9

PROJECT NUMBER:
110946

RFQ NO.:
180211

ADDRESS:
GLENTYAN FARM
OFFICE 101 TOWARDS CAROLINA,
MPUMALANGA

PROPERTY DESCRIPTION:
STRICTLY COMPANY CONFIDENTIAL
PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
LAT : 28° 10' 05.70" S
LONG : 30° 20' 30.80" E

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

NOTES:
OWNER: UYS NICOLAAS JOHANNES JANSE

SITE NAME:
GLENTYAN FARM

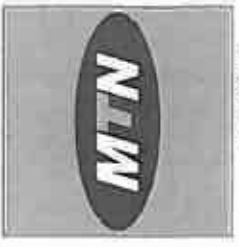
BASE STATION NUMBER:
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

1387 Pretoria Street
Block 8, Trade Centre
Hemloft, 0103

Tel: +27 (0) 11 240 0281
Fax: +27 (0) 11 240 0289

Project Ref: 148
Private Reg: 213
Marty Park



SITE NAME:
GLENTYAN FARM

BASE STATION NUMBER:
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
OWNER: UYS NICOLAAS JOHANNES JANSE

PROPERTY DESCRIPTION:
STRICTLY COMPANY CONFIDENTIAL
PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
LAT : 28° 10' 05.70" S
LONG : 30° 20' 30.80" E

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

ADDRESS:
GLENTYAN FARM
OFFICE 101 TOWARDS CAROLINA,
MPUMALANGA



414 Riebee Road
Blenheimville
0184

Tel: +27 (0) 84 18048
Fax: +27 (0) 84 18072
admin@ipsplan.com

P.O. Box 32017
Toll-free
0124

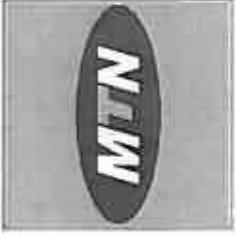
RFQ NO.:
180211

PROJECT NUMBER:
110946

DRAWN: HENDRICK MAKINTA
DATE: 13/02/2012

SCALE: 1:2000
DATE: 13/02/2012

CURRENT LAND USE:
SHEET 4 OF 9



1201 Riverside Street
 Block 8, Middleburg Campus
 Middleburg, 0033

Tel: +1 (813) 343 2300
 Fax: +1 (352) 311 1999

Registered Office: 148
 Phoenix Way, 15
 Merthyr Tydfil

SITE NAME:

GLENTYAN FARM

BASE STATION NUMBER:

T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:

OWNER: URS NICOLAUS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:

LAT : 26° 17' 05.70" S
 LONG : 30° 20' 30.80" E

PROJECT:
 NEW 8km TELECOMMUNICATION BASESTATION WITH A
 5km LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 GLENTYAN FARM
 OFF THE EAST TOWARDS CAROLINA,
 MPUMALANGA



INFRASTRUCTURE
 PLANNING SERVICES

414 Rialto Road
 Silverdale
 0134

Tel: +27 (12) 804 15848
 Fax: +27 (12) 804 7072
 admin@ipsm.com
 0134

P.O. Box 22017
 Tullerstrand
 0134

RFCI NO.:

180211

PROJECT NUMBER:

116946

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

ALL WORK TO BE PERFORMED ACCORDING TO MTN'S SITE
 INSTALLATION MANUAL (SITM) 2011
 ISSUE 1 (REVISION 0) NOVEMBER 2007

DRAWN: HENDRICK MARINTA

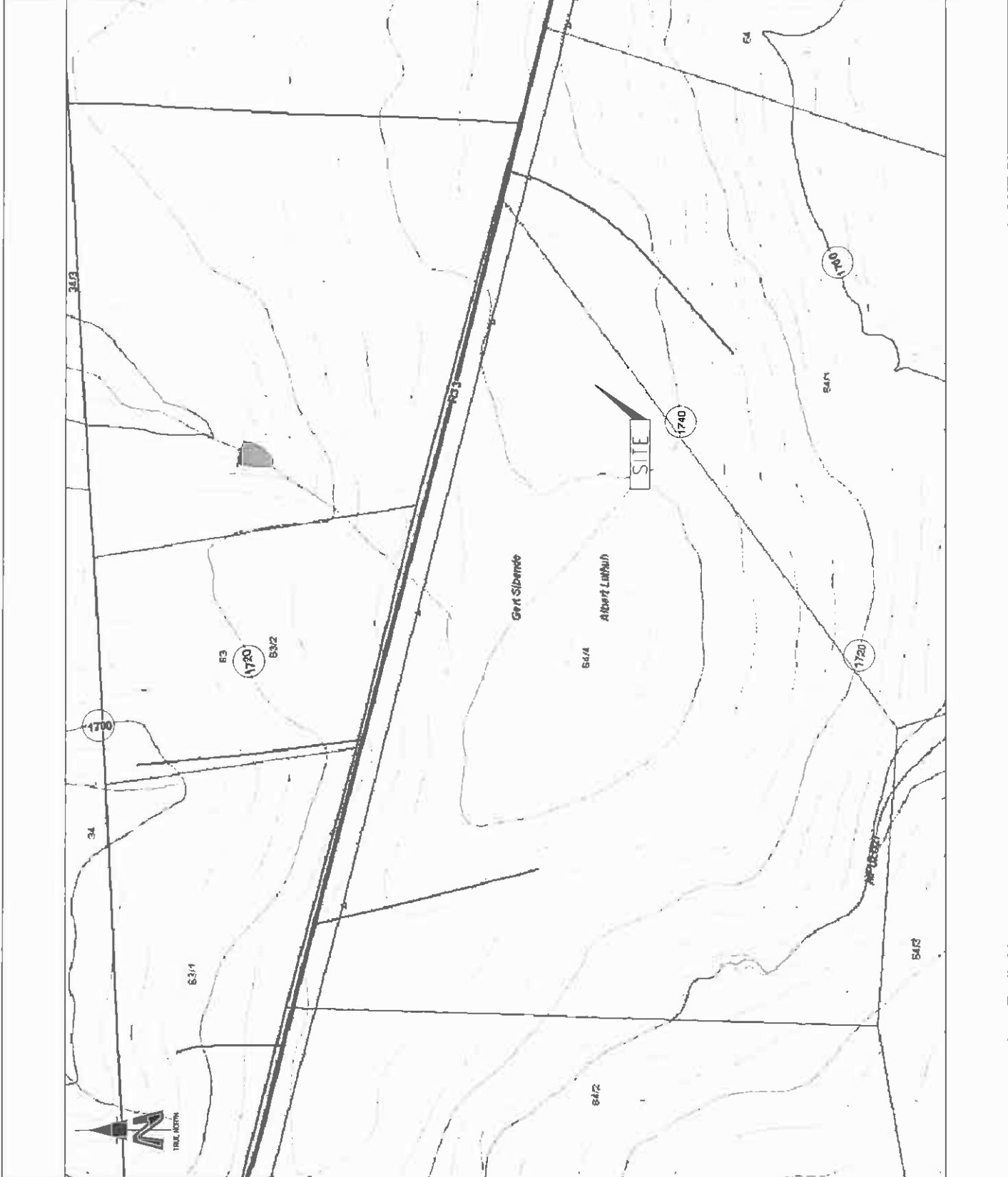
DATE: 13/02/2012

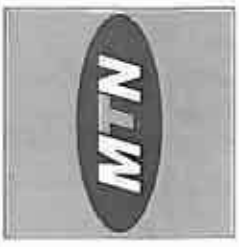
SCALE: NTS

REF. NO: 812/T9238

CONTOUR INTERVAL

SHEET 5 OF 9





1871 Pheasant Run
 1871 Pheasant Run
 Hillside, 1600
 Hillside, 1600

TEL: +27 (0) 21 543 500
 FAX: +27 (0) 21 543 500
 P.O. Box 22017
 Tlokweng
 0154

MTN Infrastructure Services
 414 Rusk Road
 Midrand
 1600

TEL: +27 (0) 21 543 500
 FAX: +27 (0) 21 543 500
 P.O. Box 22017
 Tlokweng
 0154

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

ADDRESS: GLENTYAN FARM, OFF THE R33 TOWARDS CAROLINA, MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES

IPS

PROJECT NUMBER: 180211
 116648

DATE: 13/02/2012
 REF. NO: B12/T9238

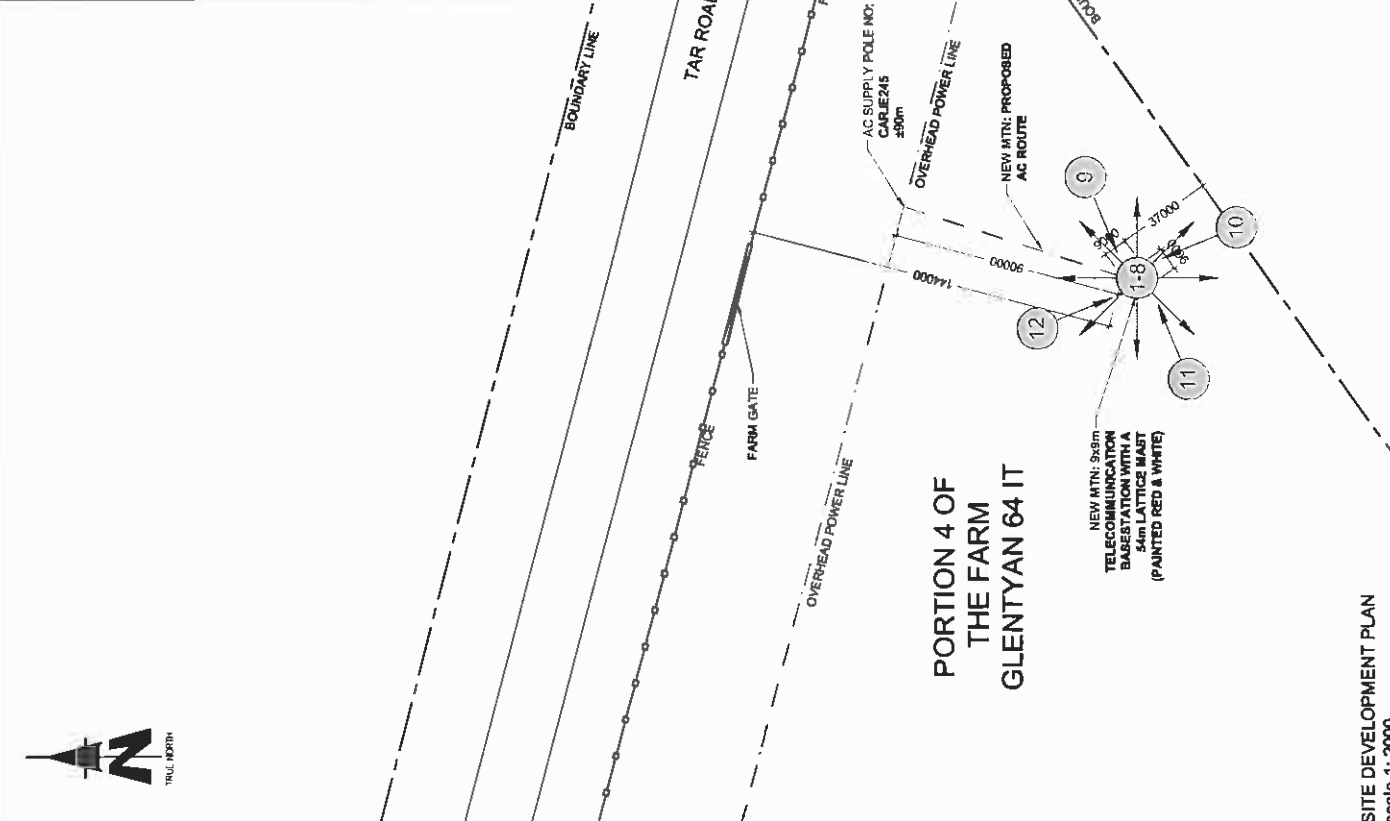
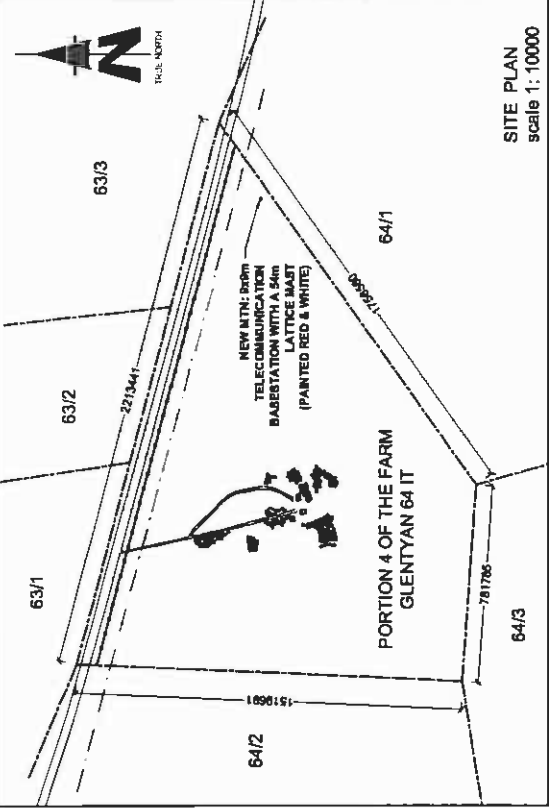
SCALE: 1:2000

SITE PHOTOGRAPHS
 SHEET 6 OF 9

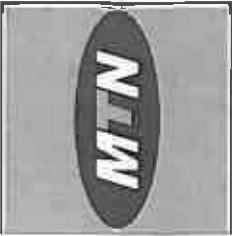
OWNER: UYS NICOLAAS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT: 26° 10' 00.70" S
 LONG: 30° 20' 30.65" E



SITE DEVELOPMENT PLAN
 scale 1:2000



1207 Pimpri Road
Block B, Hyderabad Computer
Hub, Hyderabad, 500081
Tel: +91 (0) 78 962 0000
Fax: +91 (0) 78 962 0000
Website: www.mtn.co.in

SITE NAME:
GLENTYAN FARM

BASE STATION NUMBER:
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	RM	FIRST ISSUE

NOTES:
OWNER: URBAN NICOLAAS JOHANNES JANSE

PROPERTY DESCRIPTION:
STRICTLY COMPANY CONFIDENTIAL
PORTION 4 OF THE FARM GLENTYAN 84 IT

COORDINATES:
LAT : 28° 10' 06.707 S
LONG : 30° 20' 30.807 E

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

ADDRESS:
GLENTYAN FARM,
MUPJALANGA



414 Nankiville Road
Midrand, Gauteng
1709
Tel: +27 (0) 800 100000
Fax: +27 (0) 800 7072
Admin@infrastructure.co.za

PROJECT NUMBER:
180211
110846

DATE: 13/02/2012
REF. NO: 812/7928

SCALE: 1:75

DRAWN: HENDRICK MAKINTA
DATE: 13/02/2012

REF. NO: 812/7928

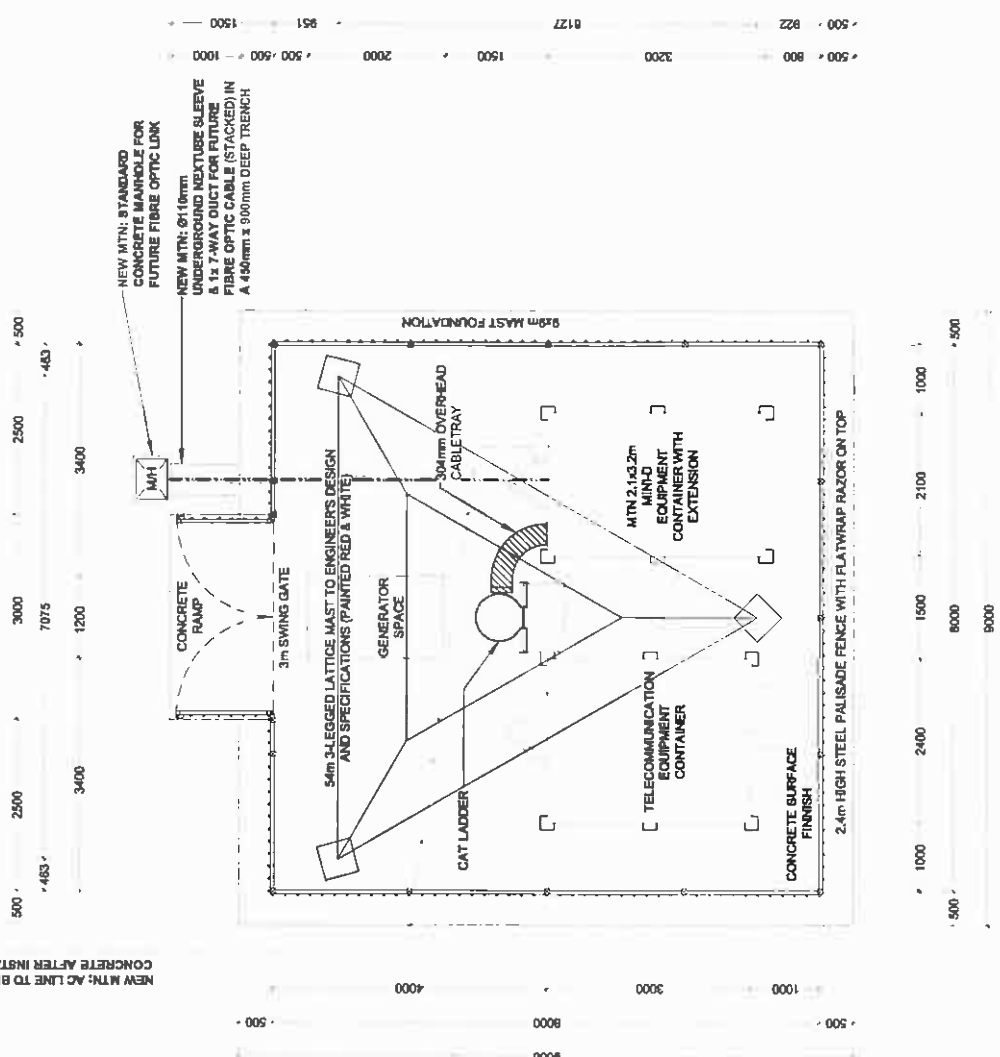
SITE DETAIL
SHEET 7 OF 9

NOTES:
1. HIGH RISK SITE
2. CONTAINER TO HAVE SECURITY GATE
3. AC LINE TO BE CAST IN CONCRETE AFTER INSTALLATION
4. ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION

ALL WORK TO BE PERFORMED ACCORDING TO MTN'S BITC
THE NETWORKING STANDARDS (NMS) 1001
(ISSUE 1) REVISION 01 NOVEMBER 2007

**PORTION 4 OF THE FARM
GLENTYAN 84 IT**

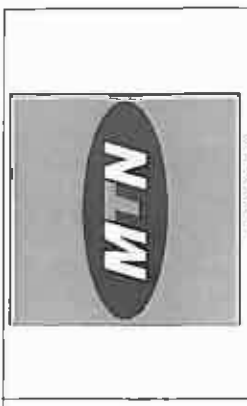
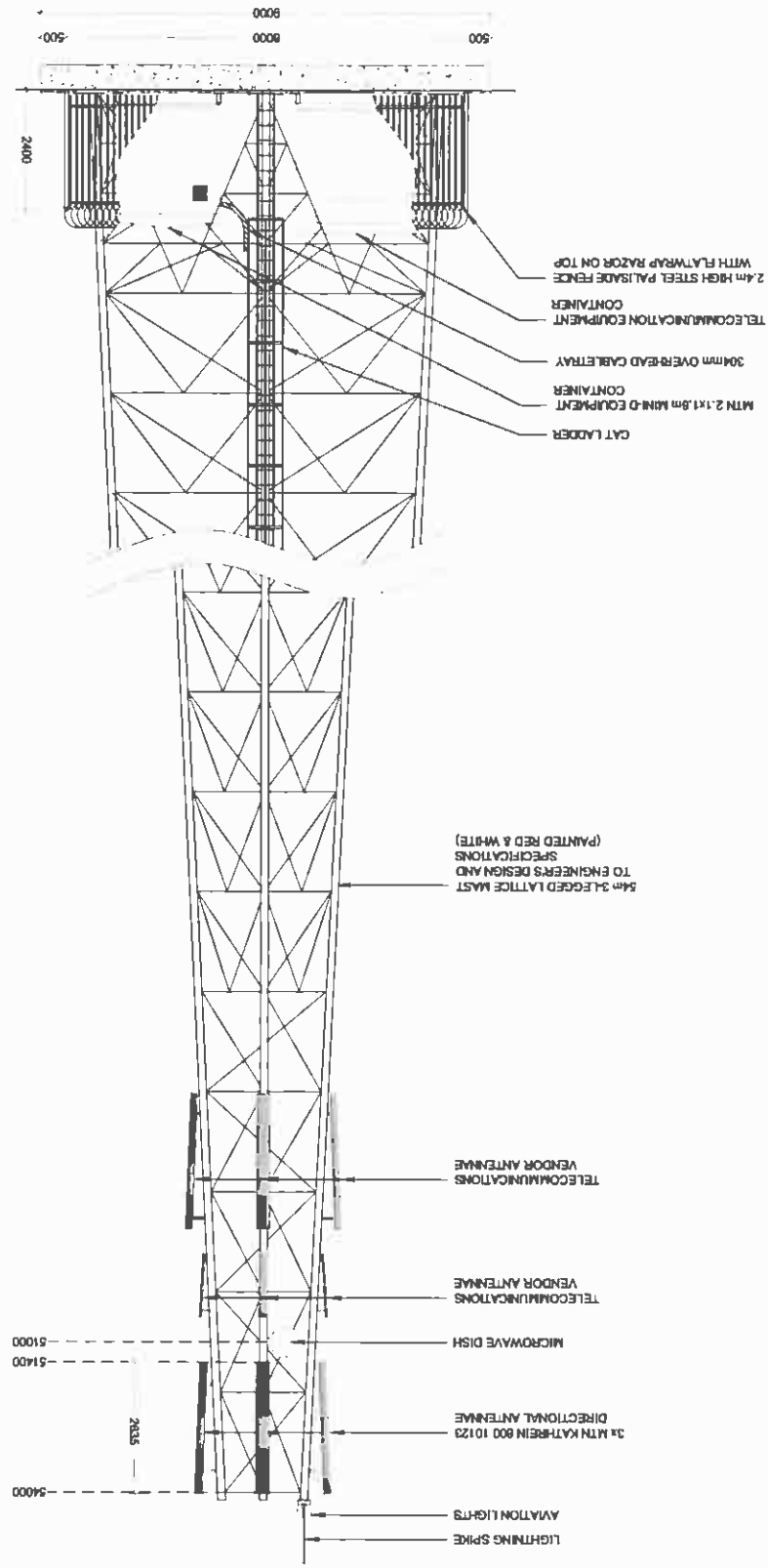
NEW MTN: AC LINE TO BE CAST IN
CONCRETE AFTER INSTALLATION



- 1. HIGH RISK SITE
- 2. CONTAINER TO HAVE SECURITY GATE
- 3. AC LINE TO BE CAST IN CONCRETE AFTER INSTALLATION
- 4. ALL EXISTING UNDERGROUND SERVICES TO BE VERIFIED BEFORE CONSTRUCTION

MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	800 10123	51.4			7/8"	±.55
2	120°	800 10123	51.4			7/8"	±.55
3	240°	800 10123	51.4			7/8"	±.55



1287 Pinnacle Drive
Black & Whiteville Corridor
Hunters Hill, NSW
Tel: +61 (0) 243 700 000
Fax: +61 (0) 243 700 000
Email: mtncustomer@mtn.com.au
Registered Office: 14/5
Pinnacle Way, R15
Hunters Hill, NSW

SITE NAME:
GLENTYAN FARM

BASE STATION NUMBER:
T9238

REV	BY	DATE	DESCRIPTION
A		13/02/2012	HM FIRST ISSUE

NOTES:
OWNER: UFS NICOLAUS JOHANNES JANSE

PROPERTY DESCRIPTION:
STRICTLY COMPANY CONFIDENTIAL
PORTION 4 OF THE FARM GLENTYAN 84 IT

COORDINATES:
LAT : 28° 10' 08.70" S
LONG : 30° 20' 30.80" E

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

ADDRESS:
GLENTYAN FARM
OFF THE R33 TOWARDS CAROLINA
MURUMBidgee



414 Raffle Road
Beverly Hills
NSW
Tel: +61 (0) 84 18048
Fax: +61 (0) 84 7072
Email: admin@ipsplanning.com.au
P.O. Box 13017
Tullahoma
TN 37460
USA

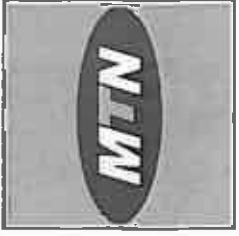
RFID NO.:
180211

PROJECT NUMBER:
118946

DRAWING INFORMATION:
DRAWING 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 8175 SITE INSTALLATION SPECIFICATIONS (ISSUE 1, REVISION 0 NOVEMBER 2007)

DRAWN: HENDRICK MAKINTA
DATE: 15/02/2012
SCALE: 1:100
REF. NO.: 8172/T9238

SOUTH WEST ELEVATION
SHEET 8 OF 9



1811 Pridmore Blvd
 Block B, Havelock Complex
 Havelock, 0683
 Tel: +27 (12) 542 9845
 Fax: +27 (12) 542 9828
 P.O. Box 2017
 Pridmore Bldg 7415
 Maraisburg

SITE NAME:
GLENTYAN FARM

BASE STATION NUMBER:
T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: UYS NICOLAAS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:
 PORTION 4 OF THE FARM GLENTYAN RA IT

COORDINATES:
 LAT : 28° 10' 05,70" S
 LONG : 30° 20' 30,80" E

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 IMPUNJONGA

414 Tumbes Road
 Springerville
 0184
 Tel: +27 (12) 664 19048
 Fax: +27 (12) 664 7072
 www.ipsinfrastructure.co.za

P.O. Box 2017
 Tumbesville
 0134

REF NO:
 160211

PROJECT NUMBER:
 119848

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

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE
 INFRASTRUCTURE SPECIFICATION (R0011001)
 ISSUE 1 (REVISION 1) (NOVEMBER 2007)

DRAWN: HEENDRICK MARINTA | DATE: 13/02/2012

SCALE: NTS | REF. NO: 612/T9238

FACILITY ILLUSTRATION
 SHEET 9 OF 9

TYPICAL LATTICE MAST PAINTED RED & WHITE



Our Reference:
T9238 / 17/2/3GS-116

Your Reference:

21 June 2012



Mpumalanga Tourism and Parks Agency
Private Bag x11338
Nelspruit
1200

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

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

e-mail: admin@torblousesolutions.co.za

DEAR SIR/MADAM

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 IT

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 4 of the farm Glentyan 64 IT**

Attached hereto find:

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

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

Yours faithfully

WA VAN'T FOORT
For: Torblouse Solutions CC

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3GS-116

Regulation 546 activity 3 (a) & (b) : (a) ii (cc) and (ee) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: **T9238 Glentyan Farm**

Location: **Portion 4 of the farm Glentyan 64 IT**

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

Alternative 1: **Latitude:26° 10' 05.70" S Longitude: 30° 20' 30.60" 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 and promulgated in terms of the National Environmental Management Act 1998 (Act No. 107 of 1998) as amended ("NEMA").

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

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

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

Environmental Assessment Practitioner (EAP):

Torbious Solutions CC.

P.O. Box 32017, Totiusdal, 0134

Attention: W van't Foot

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

E-mail: admin@torbiousolutions.co.za

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

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

Notice publication date:

21 June 2012

UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3GS-116

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) ii (cc) and (ee) Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: **T9238 Glentyan Farm**

Indawo: **Portion 4 of the farm Glentyan 64 IT**

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

Esihlukile 1: **Ububanzi:26° 10' 05.70"S Ubude: 30° 20' 30.60"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 yamenyazelwa ngokuhambisana Nomithetho Wokuphatha Ezenhlobo Kuzwelonke (i-National Environmental Management Act) ka-1998 (Umthetho weNombolo-107 ka-1998) njengoba uchibiyelwe (i-"NEMA").

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

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

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

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

kuqondiswe ku- W van't Foot

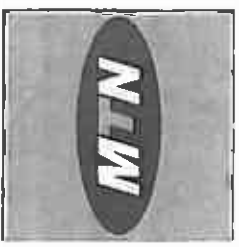
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072.

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

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

Usuku lokushicilelwa kweSaziiso:

21 June 2012



1271 Peninsula Street
 Block 3, Northshore Corporate
 Building, 0281
 Tel: +27 (0) 343 2600
 Fax: +27 (0) 343 2208
 Private Bag 3415
 Menlo Park

SITE NAME:
 GLENTYAN FARM

BASE STATION NUMBER:
 T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:
 OWNER: D'RS NICOLAAS JOHANNES JANSE

PROPERTY DESCRIPTION:
 STRICTLY COMPANY CONFIDENTIAL
 PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
 LAT: 28° 10' 06.70" S
 LONG: 30° 20' 30.80" E

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

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPUUMALANGA

INFRASTRUCTURE PLANNING SERVICES



P.O. Box: 32017
 10844
 0154
 Tel: +27 (0) 661 18448
 Fax: +27 (0) 661 1072
 info@ipsinfrastructure.co.za

REF NO.:
 160211

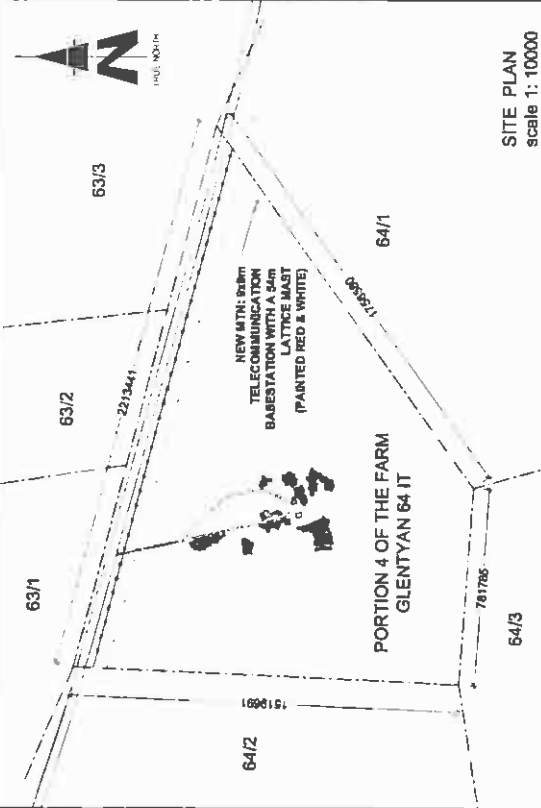
PROJECT NUMBER:
 116846

DRAWN: HENDRICK MAKINTA
DATE: 13/02/2012

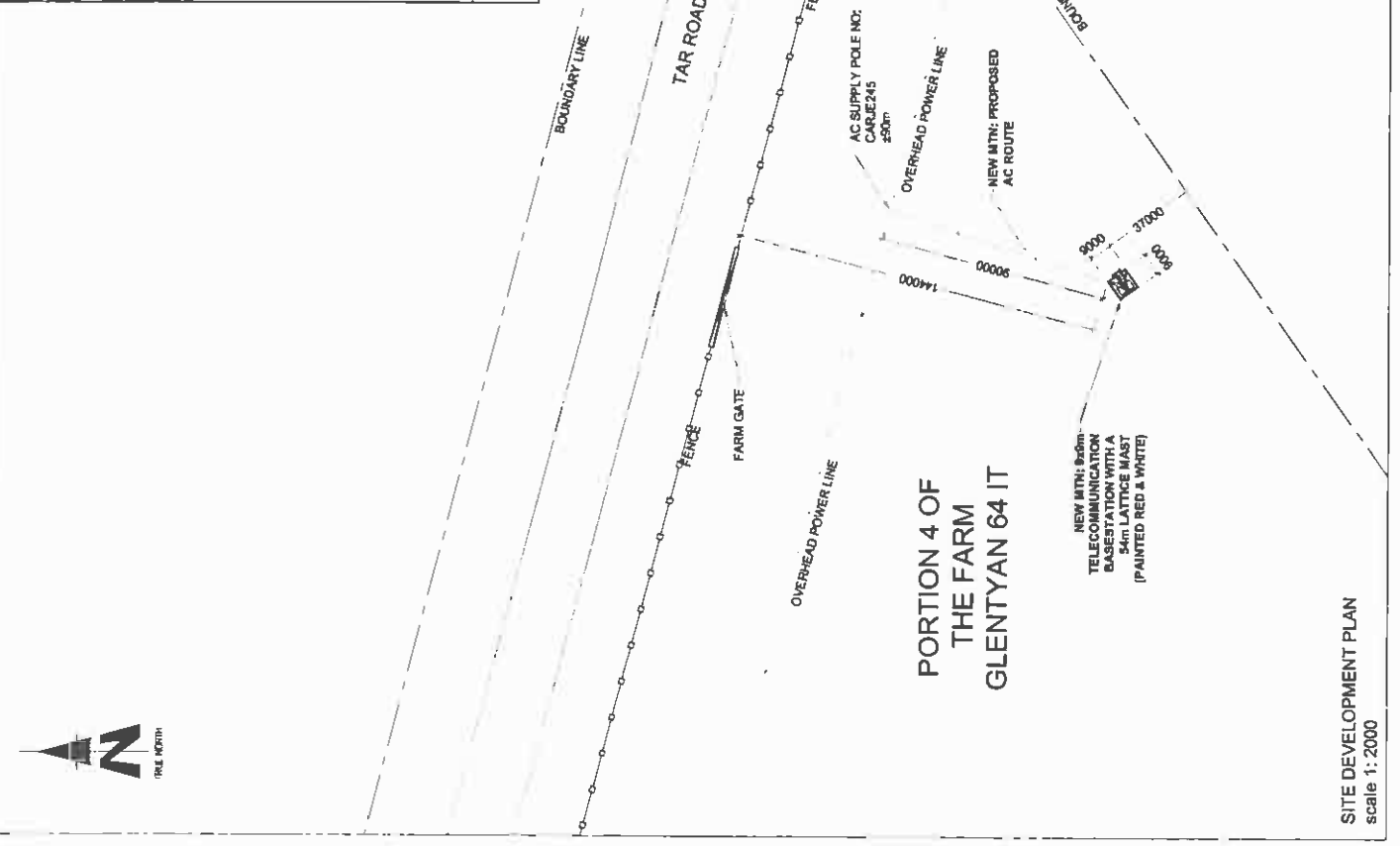
SCALE: 1:2000
REF. NO.: 812/T9238

SITE DEVELOPMENT PLAN
 SHEET 3 OF 9

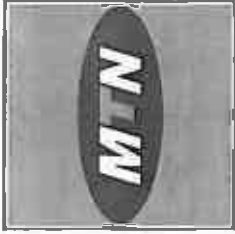
DISCLAIMER: THIS PLAN MUST NOT BE SCALE AS ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS FOR BELIEVED TO BE CORRECT. ALL WORK TO BE PERFORMED ACCORDING TO THE SITE SPECIFICATION (RFP/RFI) ISSUE: TELEVISION/02/01/02/07



SITE PLAN
 scale 1: 10000



SITE DEVELOPMENT PLAN
 scale 1: 2000



1207 Pretorius Street
Block B, Newlands Complex,
Halfway 7807
Tel: +27 (12) 342 7000
Fax: +27 (12) 342 8008
Private Bag 113
Meridale Park

SITE NAME:

GLENTYAN FARM

BASE STATION NUMBER: **T9238**

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HM	FIRST ISSUE

NOTES:

OWNER: DVS NICOLAAS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION:
PORTION 4 OF THE FARM GLENTYAN 84 IT

COORDINATES:
LAT : 28° 10' 05.70" S
LONG : 30° 20' 30.50" E

PROJECT:
NEW 950m TELECOMMUNICATION BASESTATION WITH A
5m LATTICE MAST FOR MTN (PT) LTD

ADDRESS:
GLENTYAN FARM
OFF THE R33 TOWARDS CAROLINA,
MPUMALANGA



414 Roodt Road
Stellenbosch
Cape
Tel: +27 (12) 864 9266
Fax: +27 (12) 864 9072
info@ipsplanning.co.za

P.O. Box 12017
Toll-free
0134

REF: NO.:

180211

PROJECT NUMBER:

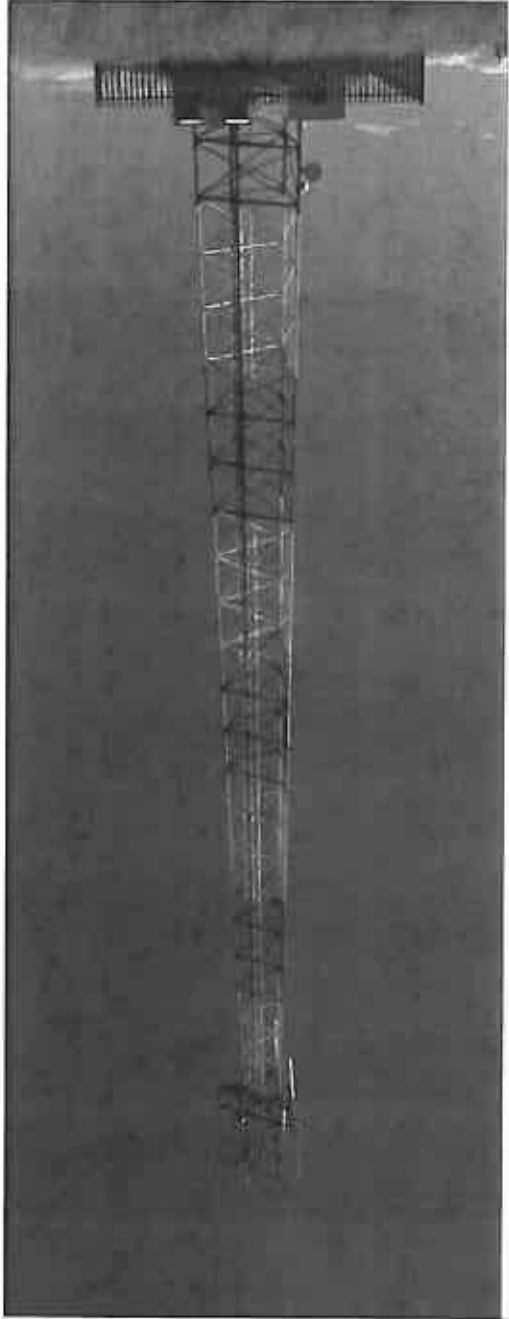
118948

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'S SITE
SPECIFICATIONS (ISSUE 1 REVISION 0 NOVEMBER 2007)

DRAWN: HENDRICK MANINTA DATE: 13/02/2012

SCALE: NTS REF. NO: 812/T9238

FACILITY ILLUSTRATION
SHEET 9 OF 9



TYPICAL LATTICE MAST PAINTED RED & WHITE

Our Reference:
T9238 / 17/2/3GS-116

Your Reference:

21 June 2012



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

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

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

e-mail: admin@torbiousolutions.co.za

DEAR SIR/MADAM

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (CC) AND (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM GLENTYAN 64 IT

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 4 of the farm Glentyan 64 IT**
Attached hereto find:

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

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

Yours faithfully



WA VAN'T FOORT
For: Torbious Solutions CC

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3GS-116

Regulation 546 activity 3 (a) & (b) : (a) ii (cc) and (ee) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9238 Glentyan Farm

Location: Portion 4 of the farm Glentyan 64 IT

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

Alternative 1: Latitude: 26° 10' 05.70" S Longitude: 30° 20' 30.60" E
(Lattice type mast painted red and white)

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

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

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

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

Environmental Assessment Practitioner (EAP):

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

Attention: W van't Foort

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

E-mail: admin@torbiosesolutions.co.za

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

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

Notice publication date:

21 June 2012

UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3GS-116

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) ii (cc) and (ee) Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: T9238 Glentyan Farm

Indawo: Portion 4 of the farm Glentyan 64 IT

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

Esihlukile 1: Ububanzi: 26° 10' 05.70" S Ubude: 30° 20' 30.60" E
Induku ye-lattice ependwe ngokubomvu nokumhlophe

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

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

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

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

Torbiose Solutions CC., P.O. Box 32017, Totiusdal, 0134
kuqondiswe ku- W van't Foort

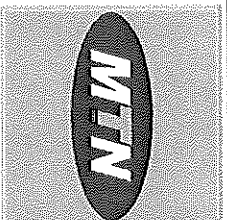
Ucingo: (012) 804 1504/6. Ifeksi: (012) 804 7072.

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

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

Usuku lokushicilelwa kweSaziso:

21 June 2012



1207 Paradise Drive
 Mountain View, MO 64061
 Mobile: 800-368-5848
 Fax: 817-352-2205
 Tel: 817-352-9331
 Thomas Daley, PE
 Mobile: 817-352-9331

GLENTYAN FARM

BASE STATION NUMBER:
 79238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	HMI	FIRST ISSUE

NOTES:
 OWNER: VNS NICOLAUS JOHANNES JANSE

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION:
 PORTION 4 OF THE FARM GLENTYAN BA 1T

COORDINATES
 LAT : 28° 18' 05.77" S
 LONG : 10° 20' 30.60" E

PROJECT:
 NEW 800MHz TELECOMMUNICATION BASESTATION WITH A 30m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS:
 GLENTYAN FARM,
 OFF THE R33 TOWARDS CAROLINA,
 MPUMALANGA



1144 Bule Road
 Sandton
 2194
 Tel: +27 (0)11 804 1004
 Fax: +27 (0)11 804 7072
 email: info@infrastructure.co.za

P.O. Box 20077
 Toronto
 2010

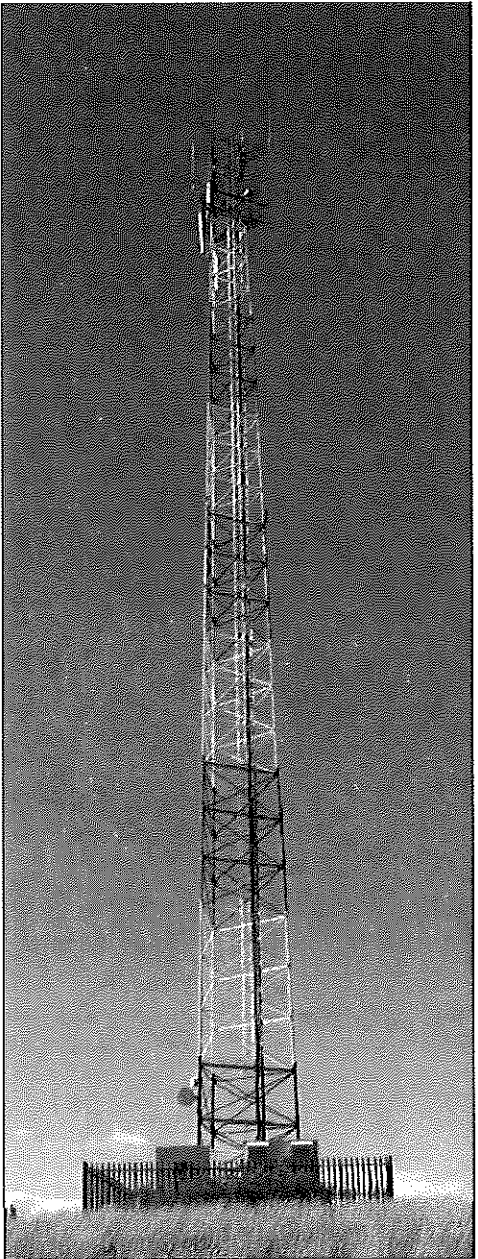
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 116846

REF:Q NO.:
 100211

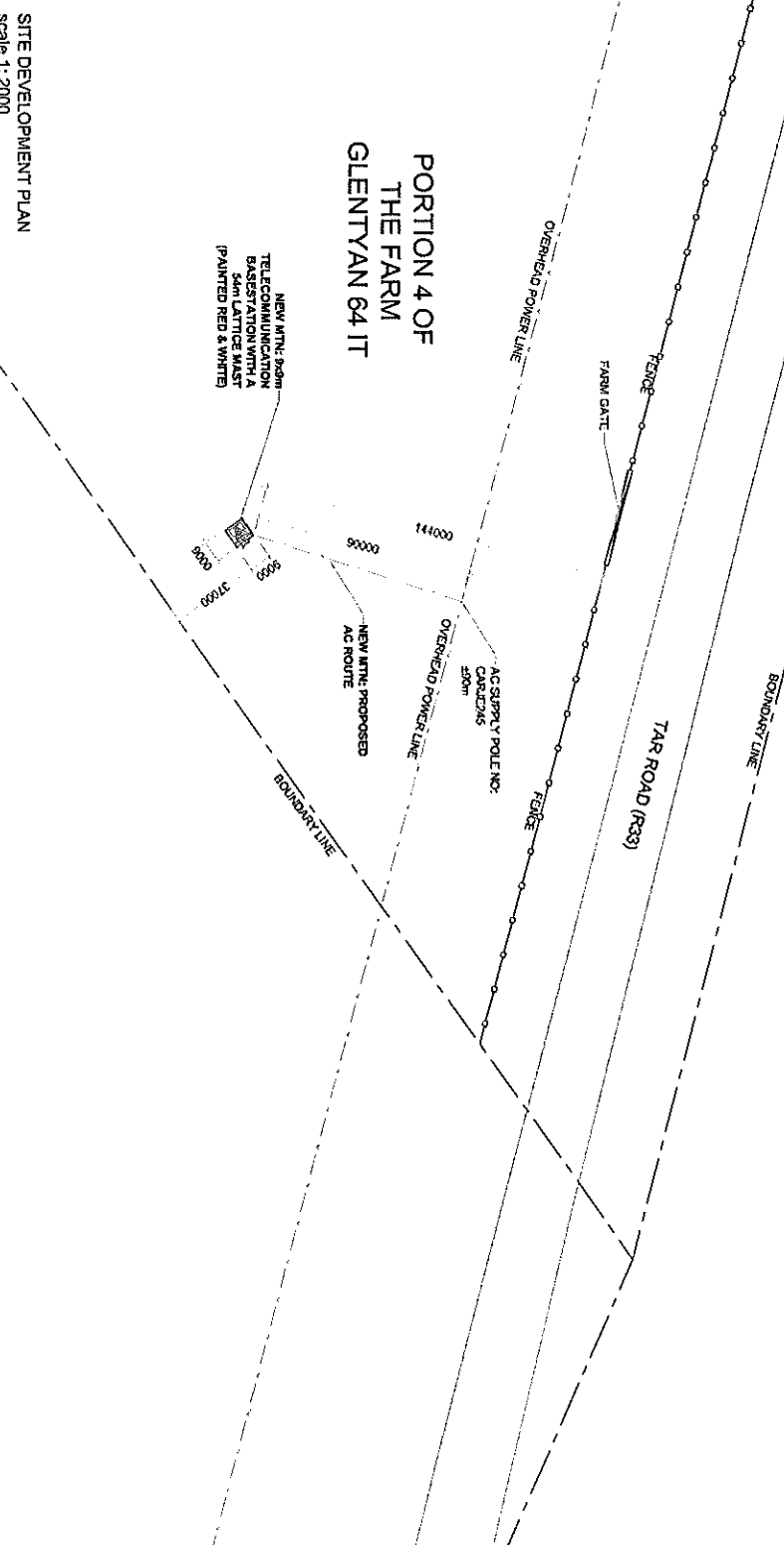
DRAWN: HENDRICK MAKINTA **DATE:** 13/02/2012

SCALE: NTS

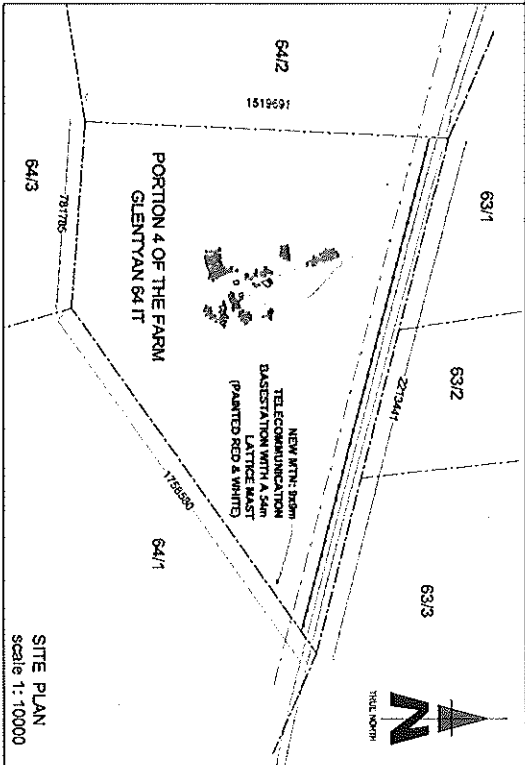
FACILITY ILLUSTRATION
SHEET 9 OF 9



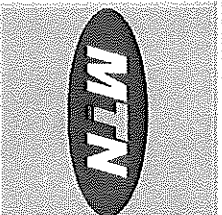
TYPICAL LATTICE MAST PAINTED RED & WHITE



SITE DEVELOPMENT PLAN
Scale 1:2000



SITE PLAN
Scale 1:10000



1207 Pineside Street
Melville 2008
Phone: 27 120 245 2000
Facsimile: 27 120 245 2008
Internet: www.mtn.com

PROJECT NAME: GLENTYAN FARM
PROJECT NUMBER: T9238

REV	DATE	BY	DESCRIPTION
A	13/02/2012	MH	FIRST ISSUE

NOTES:
OWNER: LYS NICOLOAU JOHANNESBURG

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION:
PORTION 4 OF THE FARM GLENTYAN 64 IT

COORDINATES:
LAT : 28° 10' 56.07" S
LONG : 30° 20' 30.89" E

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

ADDRESS:
GLENTYAN FARM,
OFF THE ROAD TOWARDS CAROLINA,
WINDMILLVALE

INFRASTRUCTURE
PLANNING SERVICES



414 Baurer Road
P.O. Box 20017
Melville 2008
Tel: +27 (0) 21 564 1206
Fax: +27 (0) 21 564 1206
www.infrastructure.com

PROJECT NUMBER: 118966
DRAWN: HENDRICK WANNINJA DATE: 13/02/2012
SCALE: 1:2000 REF. NO: 81270228

SITE DEVELOPMENT PLAN
SHEET 3 OF 9

G1(c) – SACAA Approval

SOUTH AFRICAN



**CIVIL AVIATION
AUTHORITY**

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

Postal Address:
Private Bag X 73
Halfway House
1685

Telephone Number:
+27 11 545 1000

Fax Number:
+27 11 545 1465

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

Website address:
www.caa.co.za

Enquiry's: Lizell Ströh
strohl@caa.co.za
Tel. 011 545 1232
Fax. 011 545 1451

23 April 2007

Turbiose Solutions
P O Box 32017
Totiosdal
0134

To: Mr Wim Anholts

Communication structure,

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

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

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

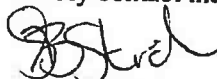
Intermediate lights shall be placed at a position midway between the top of the structure and the ground and shall consist of at least three steady burning red aeronautical obstruction lights of at least 32 candela each, on the same vertical plane and spaced not more than 120 degree horizontally. At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

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

Note-.

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

Kindly contact the writer if more information is required.



Lizell Stroh

AERODROME SAFETY OVERSIGHT

G1(d) – Proof of Newspaper Advertisement

G2: Motivation for Exemption of assessing alternatives

Our Reference:

T9238 Glentyan Farm

Your Reference:

17/2/3GS-116

T9238

5 October 2012

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



Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Attention: **Bulelwa Shabalala,**
Tel: 017 811 3951/4830

Dear Madam/Sir,

MOTIVATION FOR EXEMPTION FROM ASSESSING ALTERNATIVES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 IN REGULATION 546: ESTABLISHMENT OF A 54M HIGH MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 4 OF THE FARM GLENTYAN 64 IT.

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

Motivation:

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

The Portion 4 of the farm Glentyan 64 IT, where the establishment is proposed was identified by the radio planners of MTN as the best position to place the mast to reach the transmission coverage on the MTN network. The site is on a farm with disturbed grassland. Environmental impact at this site and on this property will be limited to the visual aspect, as well as the grass that need to be removed from the 81m² footprint area. The development is planned within open grassland where no large trees or any endangered plants will need to be removed. The neighbouring properties were not regarded as feasible site alternatives due to more limitations on the network coverage, as well as possible increased impact on the site footprint area where more indigenous vegetation would have to be removed. The environmental impact on the footprint area would most probably be of much higher significance if the site was moved to another locality within a certain radius from the proposed site.

(b) The type of activity to be undertaken:

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

(c) The design or layout of the activity:

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

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

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

(e) The operational aspects of the activity:

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

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

Kind Regards,



Wilbert van't Foort

For: Torbious Solutions cc

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



PostNet Name: **INNOVATIONHUB**

Tel. No.: **(012) 841 2405** CIT Acc. No.:



POD

T9238

PN5753597

From: (Sender) (Company Name)

Street Address: **TOROOT**

Suburb: **Torbouse Solutions**

City/Town: **(012) 804 1504** Code:

Contact: **Wilbert van't Foort** Tel:

E-mail:

To: (Receiver) (Company Name) **Mr. M. S. Ngcobo**

Street Address: **The District Municipality Sibande**

Suburb: **co. Jaubert & Oosthuise Streets**

City/Town: **Ermelo** Code: **2350**

Contact: **Mr. M. S. Ngcobo** Tel: **017 801 7000**

E-mail:

Insurance: Yes No If yes, state value

Domestic OVERNIGHT COURIER 11H00 ECONOMY (48 HRS-72HRS) DAWN COURIER 09H00 SATURDAY NEXT DAY (24 - 48 HRS) SAMEDAY COURIER OTHER SPECIFY PUBLIC HOLIDAY/ AFTER HOURS

SPECIAL INSTRUCTIONS

International DOCUMENTS NON-DOCUMENTS

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

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

EXPRESS PACK SECURITY NUMBER ON LIP OF FLYER

SENDER

Name: **D. Devereux** Date: **09/10/2012**

Signature: **Devereux** Time:

PROOF OF DELIVERY

Name: Date:

Signature: Time:

ID No.:

Total No. of Parcels Total Vol Total Mass

POSTNET Courier

ACCEPTED BY POSTNET

Name: **Charles**

Signature: **[Signature]**

Date: **9-10-12** Time:

Shipment in Motion 10/05 14:00:04 0311 72150 0311

PostNet Name: **INNOVATIONHUB**
 Tel. No.: **(012) 841 2405** CIT Acc. No.: **70301**

POD

T9038

PN5753598

From: (Sender)
 (Company Name) **TORDD01**
 Street Address: **Torhouse Solutions**
 Suburb: **(012) 804 1504**
 City/Town: _____ Code: _____
 Contact: **Wilbert van't Foot** Tel: _____
 E-mail: _____

To: (Receiver)
 (Company Name) **Mr. D.R. Mango**
 Street Address: **The Municipal Manager Silbert**
 Suburb: **Luthuli Local Municipality**
 City/Town: **28 kerk street, Carolina** Code: **1185**
 Contact: **Mr. D.P. Mango** Tel: **017 843 1631**
 E-mail: _____

Insurance Yes No If yes, state value: _____

Domestic

OVERNIGHT COURIER 11H00 **ECONOMY (48 HRS-72HRS)** **DAWN COURIER 09H00** **SATURDAY**

NEXT DAY (24 - 48 HRS) **SAMEDAY COURIER** **OTHER SPECIFY** **PUBLIC HOLIDAY/ AFTER HOURS**

SPECIAL INSTRUCTIONS

International **DOCUMENTS** **NON-DOCUMENTS**

No. of Parcels	Description	Length in cm	Breadth in cm	Height in cm	Mass in kg
1	Draft BAE				
◀ Total No. of Parcels Total Vol ▶		▶ Total Mass ▶			

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

EXPRESS PACK SECURITY NUMBER ON LIP OF FLYER

SENDER

Name: **J. D. Deveraux** Date: **09/10/2012**
 Signature: *J. D. Deveraux* Time: _____

PROOF OF DELIVERY

ACCEPTED BY POSTNET

POSTNET

Courier

Name: **Charles**
 Signature: *Charles*
 Date: **9-10-12** Time: _____

Name: _____ Date: _____

Signature: _____ Time: _____

ID No.: _____

Greyhound Mailbox 70301, 148 Bpk, 0311, 70301, 0311

PostNet Name: **INNOVATIONHUB**

POD

Tel. No.: **(012) 841 2405** CIT Acc. No:



T9238

PN5753596

From: (Sender) (Company Name) **TOR001**

To: (Receiver) (Company Name) **Nicolaas JJ Uys**

Street Address **Tombhouse Solutions**

Street Address **co Kleinmans & Voortrekkerstr.**

Suburb **(012) 804 1504**

Suburb **TWK Building**

City/Town Code

City/Town **Ermelo** Code **2350**

Contact **Wilbert van't foort** Tel

Contact **Nicolaas JJ Uys** Tel **017 847 0340**

E-mail

E-mail

Insurance Yes No If yes, state value

SPECIAL INSTRUCTIONS

Domestic OVERNIGHT COURIER 11H00 ECONOMY (48 HRS-72HRS) DAWN COURIER 09H00 SATURDAY NEXT DAY (24 - 48 HRS) SAMEDAY COURIER OTHER SPECIFY PUBLIC HOLIDAY/ AFTER HOURS

International DOCUMENTS NON-DOCUMENTS

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

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

EXPRESS PACK SECURITY NUMBER ON LIP OF FLYER

Total No. of Parcels Total Vol Total Mass

SENDER

Name: **D. J. Doreux** Date: **09/10/2012**

Signature: *Doreux* Time:

POSTNET Courier

ACCEPTED BY POSTNET

Name: **Charles**

Signature: *Charles*

Date: **9-10-12** Time:

PROOF OF DELIVERY

Name: Date:

Signature: Time:

ID No.:

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Stationery in Motion, Turnover: 146,000, 0011, 12/15/11, 01 TEL

POD

PostNet Name: **INNOVATIONHUB**
Tel. No.: **(012) 841 2405** CIT. Acc. No.:



T9238

PN5753595

From: (Sender)
(Company Name) **TORG01**
Street Address **Tordiose Solutions**
Suburb **(012) 804 1504**
City/Town _____ Code _____
Contact **Wilbert Van't Foot** Tel _____
E-mail _____

To: (Receiver)
(Company Name) **Ms. Claudia Qwabe**
Street Address **Mpumalanga Tourism & Parks Agency**
Suburb **Halls Gateway N4 National Road**
City/Town **Nelspruit** Code **1200**
Contact **Ms. Claudia Qwabe** Tel **013 759 5304**
E-mail **cndakbeni@mtpa.co.za**

Insurance: Yes No If yes, state value _____

Domestic: OVERNIGHT COURIER 11H00 ECONOMY (48 HRS-72HRS) DAWN COURIER 09H00 SATURDAY
 NEXT DAY (24-48 HRS) SAMEDAY COURIER OTHER SPECIFY _____ PUBLIC HOLIDAY/AFTER HOURS

SPECIAL INSTRUCTIONS

International DOCUMENTS NON-DOCUMENTS

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

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

EXPRESS PACK SECURITY NUMBER ON LIP OF FLYER

SENDER

Name: **D. Devereux** Date: **09/10/2012**
Signature: *Devereux* Time: _____

Total No. of Parcels Total Vol Total Mass

PROOF OF DELIVERY

POSTNET Courier

ACCEPTED BY POSTNET

Name **Charles**
Signature *Charles*
Date **9-10-12** Time _____

Name: _____ Date: _____
Signature: _____ Time: _____
ID No.: _____

www.postnet.co.za To track your shipment go to: www.postnet.co.za

Stationery in Motion, Tel: 0861 46 6666, 0811 773510 (PH)

PostNet Name: **INNOVATIONHUB**
 Tel. No.: **(012) 841 2405** CIP Acc. No.: **52354**



POD
T9238
PN5753592

From: (Sender) **TOP001**
 (Company Name) **TOP001**
 Street Address **Torbiose Solutions**
 Suburb **(012) 804 1504**
 City/Town _____ Code _____
 Contact **Wilbert van't foot** Tel _____
 E-mail _____

To: (Receiver) **Mr P. Hine / Mrs. C. Schaeemeyer**
 (Company Name) **Mr P. Hine / Mrs. C. Schaeemeyer**
 Street Address **South African Heritage**
 Suburb **Resources Agency, 111 Harrington**
 City/Town **str. Cape Town** Code **8001**
 Contact **Mr. P. Hine** Tel **021 462 4509**
 E-mail **phine@sahra.org.za**

Insurance Yes No If yes, state value _____
 Domestic OVERNIGHT COURIER 11H00 ECONOMY (48 HRS-72HRS) DAWN COURIER 09H00 SATURDAY
 NEXT DAY (24 - 48 HRS) SAMEDAY COURIER OTHER SPECIFY _____ PUBLIC HOLIDAY/ AFTER HOURS

SPECIAL INSTRUCTIONS
 International DOCUMENTS NON-DOCUMENTS

No. of Parcels	Description	Length in cm	Breadth in cm	Height in cm	Mass in kg
1	Draft Box				
Total No. of Parcels		Total Vol	Total Mass		

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
EXPRESS PACK SECURITY NUMBER ON LIP OF FLYER
SENDER

Name: **D. Devereux** Date: **09/10/2012**
 Signature: **D. Devereux** Time: _____

POSTNET Courier
 ACCEPTED BY POSTNET
Charles
 Name
 Signature
9-10-12
 Date Time
 www.postnet.co.za

PROOF OF DELIVERY
 Name: _____ Date: _____
 Signature: _____ Time: _____

ID No.: _____

To track your shipment go to: www.postnet.co.za



PostNet Name: **INNOVATIONHUB**
 Tel. No.: **(012) 841 2405** CIT Acc. No.:
 From: (Sender) (Company Name) Street Address **TOR001**
 Suburb **Turbouse Solutions**
 City/Town **(012) 804 1504** Code
 Contact **Wilbert van der Fort** Tel
 E-mail



POD
T9238
PN5753593

To: (Receiver) (Company Name) **Clr. J.S Mbhele Ward 23**
 Street Address **The Ward councillor Albert**
 Suburb **Luthuli Local Municipality**
 City/Town **28 Kerk Street, Carolina** Code **1185**
 Contact **Clr. J.S Mbhele** Tel **017 843 4001**
 E-mail

Insurance Yes No If yes, state value
 Domestic OVERNIGHT COURIER 11H00 ECONOMY (48 HRS-72HRS) DAWN COURIER 09H00 SATURDAY
 NEXT DAY (24 - 48 HRS) SAMEDAY COURIER OTHER SPECIFY PUBLIC HOLIDAY/ AFTER HOURS

SPECIAL INSTRUCTIONS
 International DOCUMENTS NON-DOCUMENTS

No. of Parcels	Description	Length in cm	Breadth in cm	Height in cm	Mass in kg
1	Draft BAE				
Total No. of Parcels		Total Vol		Total Mass	

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

EXPRESS PACK SECURITY NUMBER ON LIP OF FLYER

SENDER

Name: **D. Devereux** Date: **09/10/2012**
 Signature: *Devereux* Time:

PROOF OF DELIVERY

Name: Date:

Signature: Time:

ID No.:

POSTNET Courier
 ACCEPTED BY POSTNET
 Name: **Charles**
 Signature: *Charles*
 Date: **9-10-12** Time:
 www.postnet.co.za

To track your shipment go to: www.postnet.co.za

Stationery in Motion Tel: 086 446 1818 0811 - 0815 1011