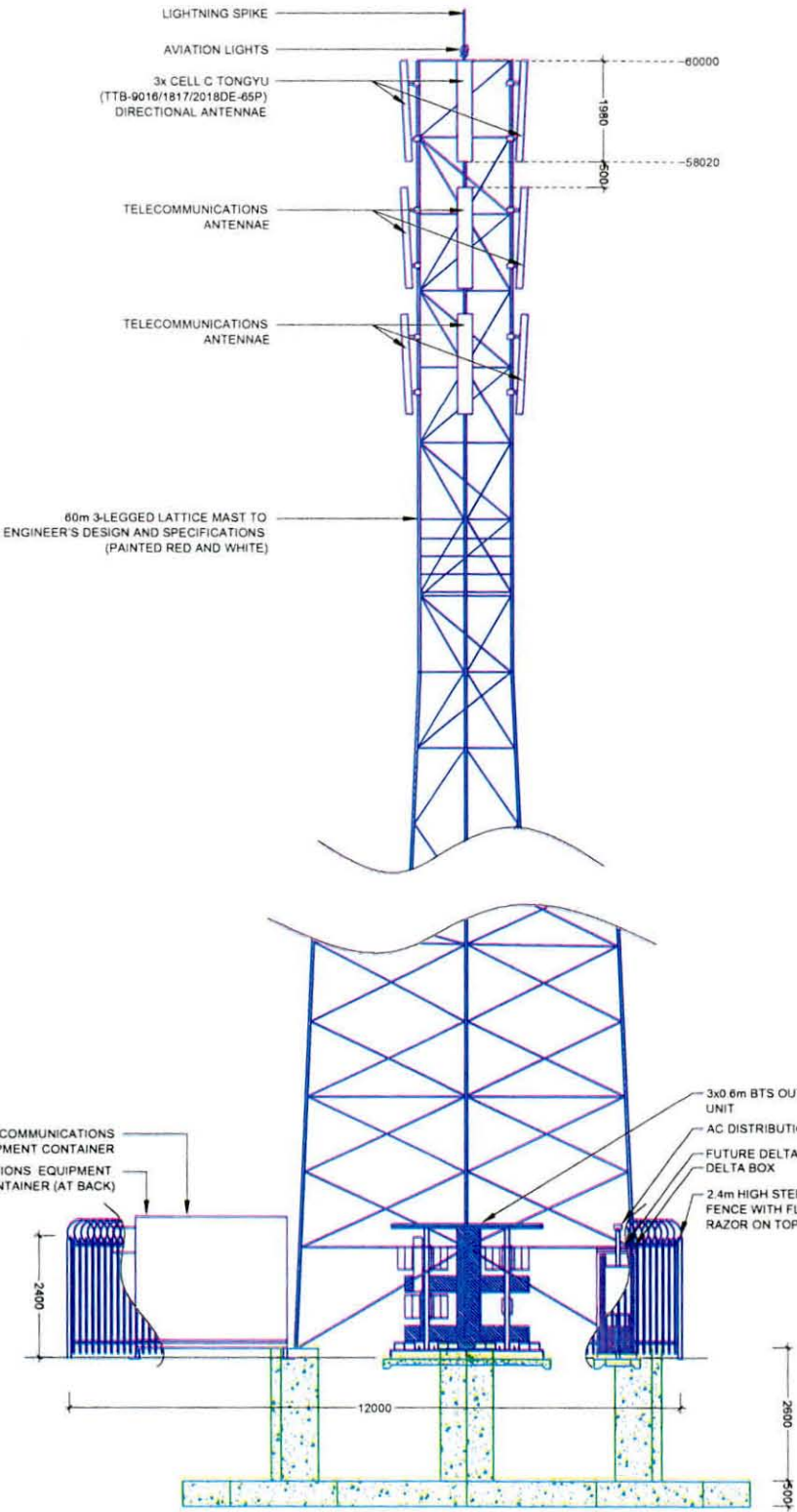


CELL C ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	17°	TONGYU (TTB-9016/1817/2018DE-65P)	58.02			7/8"	4.63
2	137°	TONGYU (TTB-9016/1817/2018DE-65P)	58.02			7/8"	4.63
3	257°	TONGYU (TTB-9016/1817/2018DE-65P)	58.02			7/8"	4.63



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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 LATEST CELL C (PTV) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS

SOUTH ELEVATION

NO.	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJECT: NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTV) LTD

PROPERTY DESCRIPTION: PORTION 9 OF THE FARM STERKSPRUIT 285 JT

DRAWN BY: LEANDRE HARMSSE

OWNER: KIAAT & ROTHS BOERDERY CC

COORDINATES: L.A.T. -25.412235° LONG 30.911654°

APPROVALS:

CELL C RF PLANNER
Signature _____
Date _____

CELL C IMPLEMENTATION
Signature _____
Date _____

CELL C REAL ESTATE CO-ORDINATOR
Signature _____
Date _____

CELL C ENGINEER
Name _____
Signature _____
Number _____

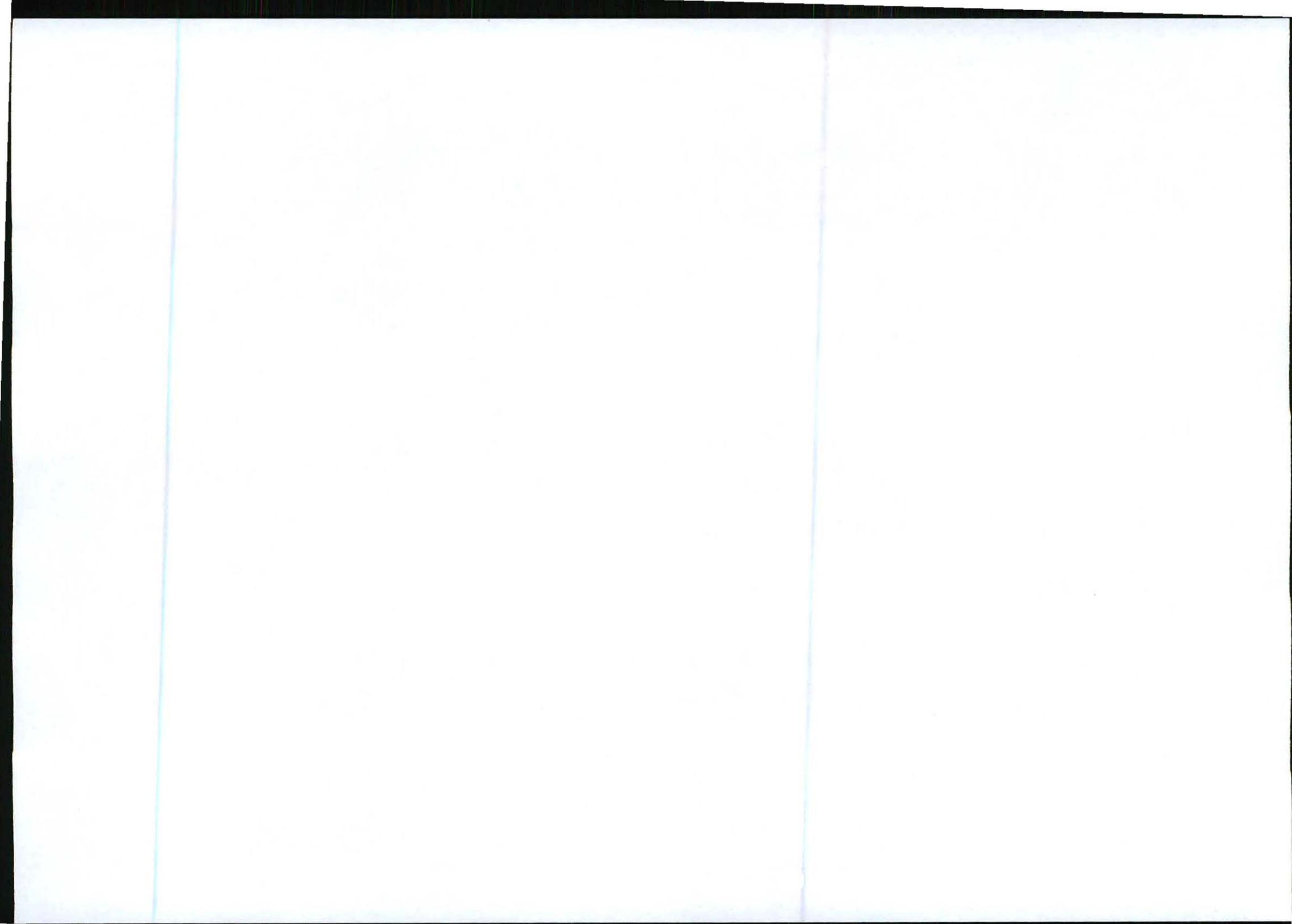
CELL C
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www.cell-c.co.za

Nokia Siemens Networks
92 Oak Avenue
Agricultural Techno Park
Capehorn, Pretoria
0001
Tel: 012 878 2000

TORBLHOUSE SOLUTIONS
414 Rusc Road
Tel: +27 (0) 824 10045
P.O. Box 20017
1154
Tel: +27 (0) 824 10726
1154

REVISION	SHEET NO.	ISSUE	SCALE
0	9 OF 10	1	1:100

SITE NO: 9842
SITE NAME AND ADDRESS: MARATHON OFF THE R37 (BETWEEN R40 & LYDENBURG), 47.3km FROM R40, STERKSPRUIT, MPUMALANGA





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

FACILITY ILLUSTRATION

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ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS

NO.	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJECT:
NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD

DRAWN BY: LEANDRE HARMSE

PROPERTY DESCRIPTION:
PORTION 9 OF THE FARM STERKSPRUIT 285 JT

OWNER:
KIAAT & ROTTS BOERDERY CC

COORDINATES:
LAT: -25.412235°
LONG: 30.911654°

APPROVALS:

CELL C RF PLANNER:

Signature: _____
Date: _____

CELL C IMPLEMENTATION:

Signature: _____
Date: _____

CELL C REAL ESTATE CO-ORDINATOR:

Signature: _____
Date: _____

CELL C ENGINEER

Name: _____
Signature: _____
Number: _____

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Marion Office Park Tel: +27 (11) 324 4000 Private Bag 836
150 Rivonia Road Sandown Fax: +27 (11) 324 4401 Benmore 2010

Nokia Siemens Networks



92 Oak Avenue Highveld Techno Park Centurion, Pretoria 0048 Tel: 012 678 2000

Consultant:

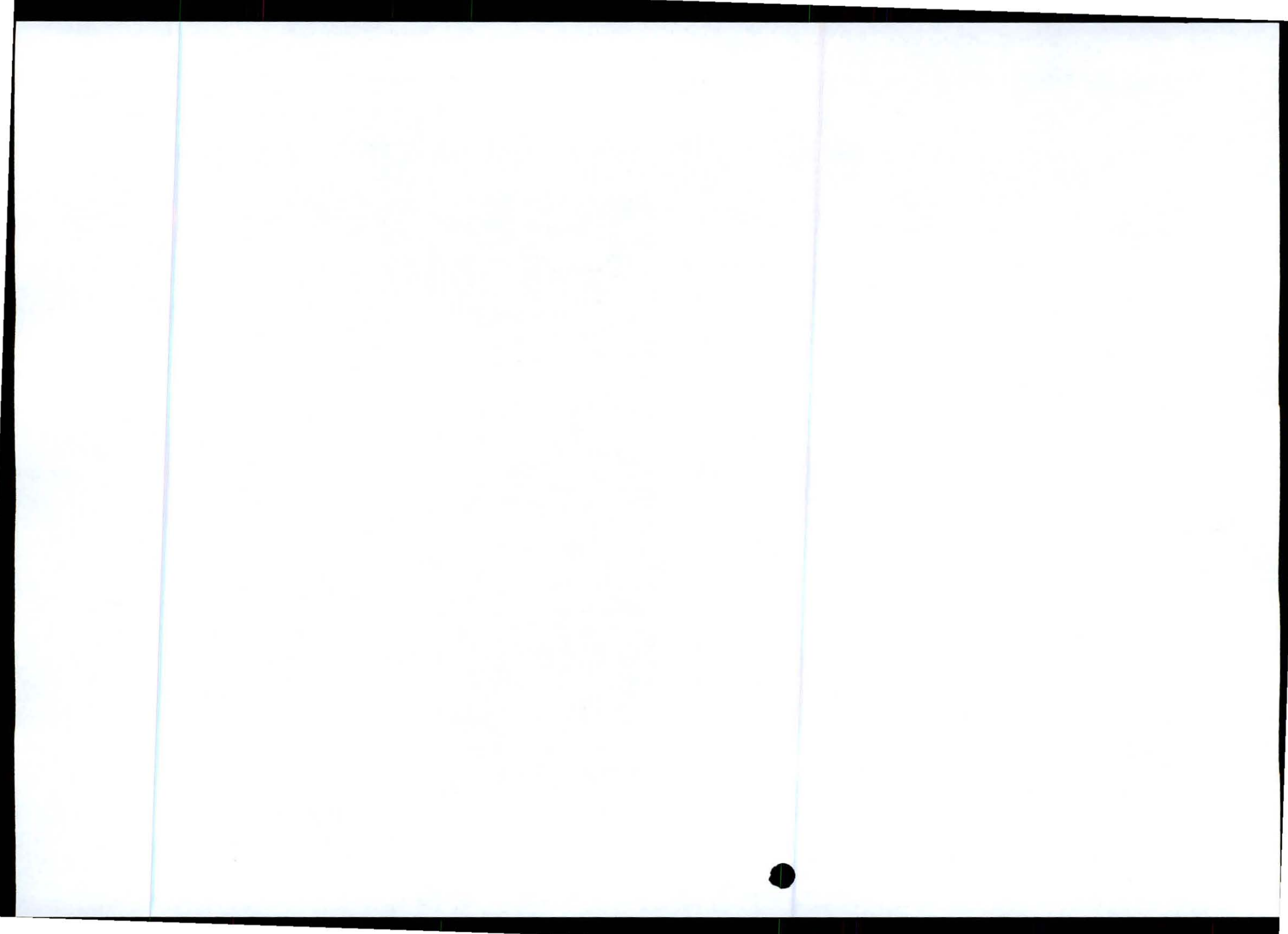


414 Rubic Road Tel: +27 (12) 804 1504/6 P.O. Box 32017
Savoylands Fax: +27 (12) 804 7072 Tolusdal
0154 admin@torbiousolutions.co.za 0154

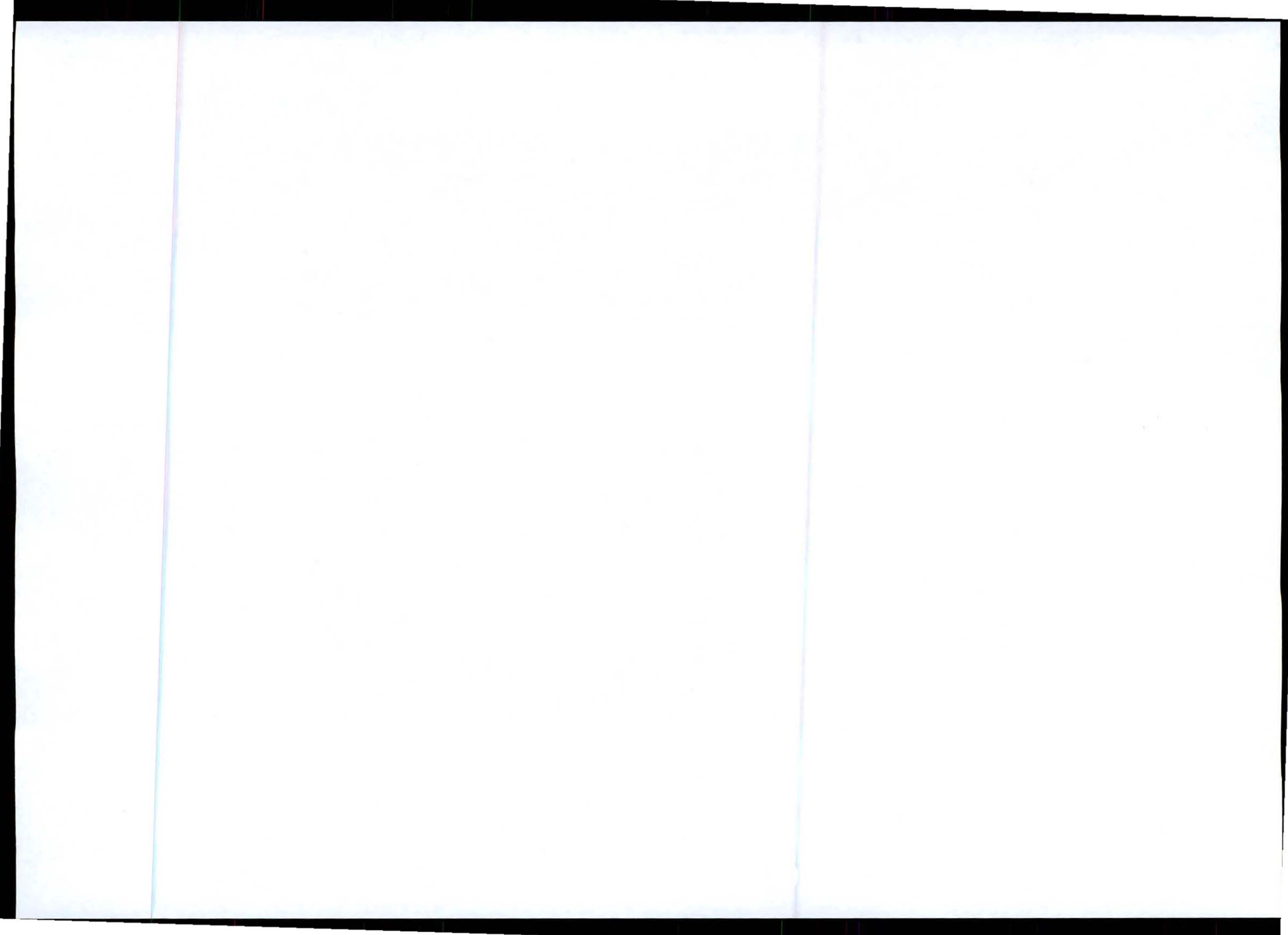
REVISION:	SHEET NO:	ISSUE:	SCALE:
0	10 OF 10	1	NTS

SITE NO:
9642

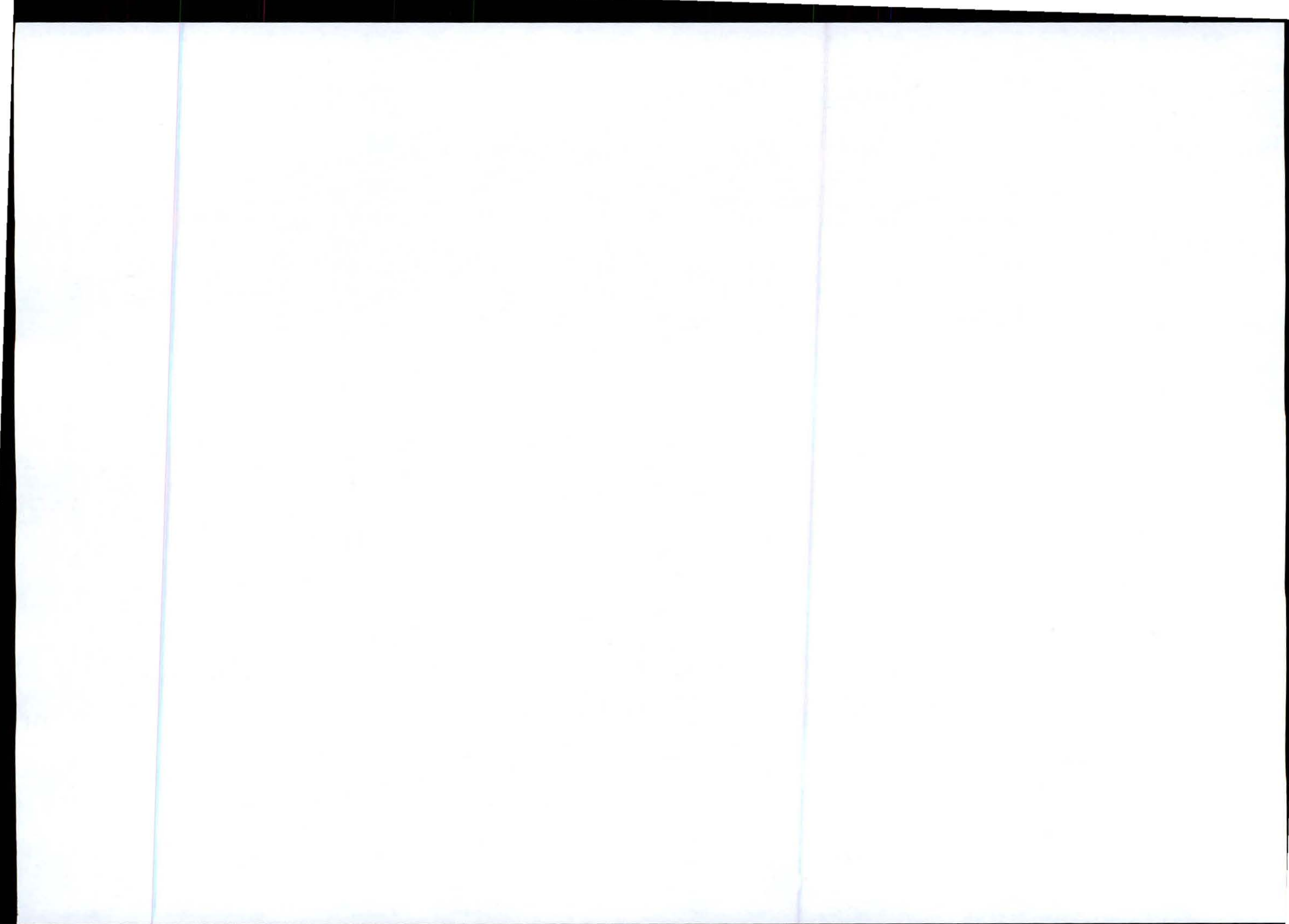
SITE NAME AND ADDRESS:
MARATHON
OFF THE R37 (BETWEEN R40 & LYDENBURG),
±7.3km FROM R40,
STERKSPRUIT,
MPUMALANGA



Appendix D: Specialist Reports – Not Applicable



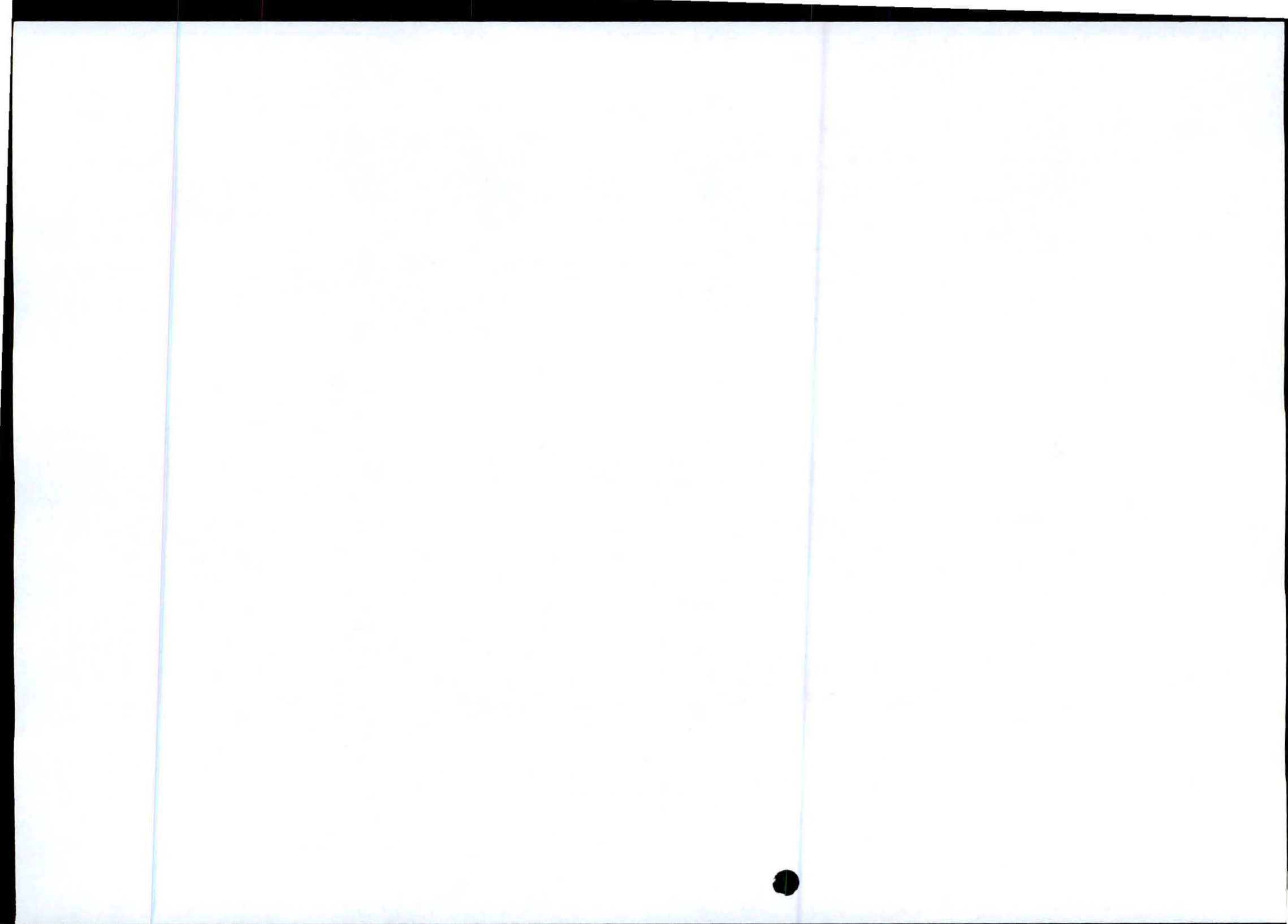
Appendix E: Comments and responses report



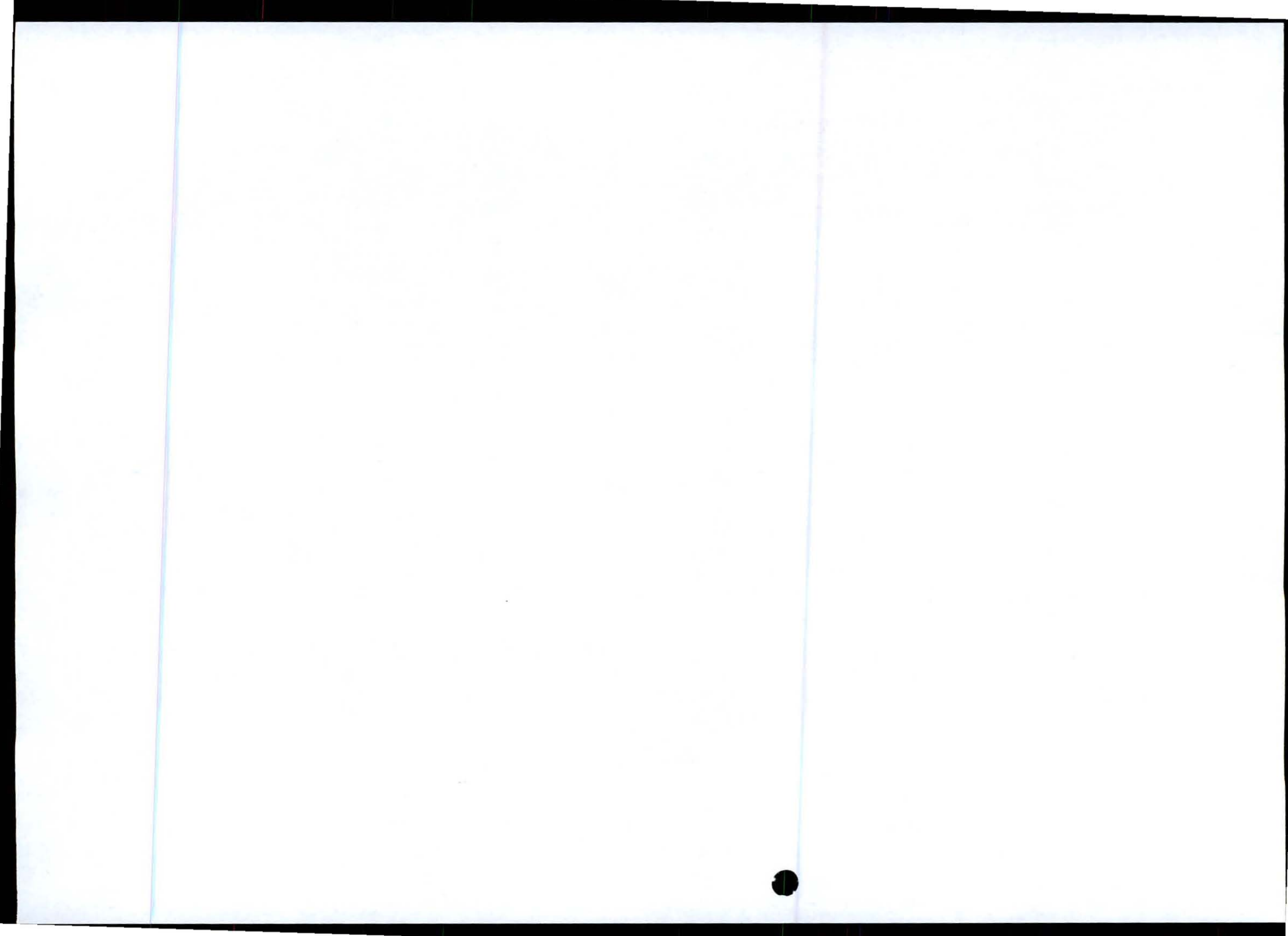
Interested & Affected Parties Register / Comments and Responses Report

Site number: 9642
 Site Name: Marathon
 EIA reference no.:17/2/3/E-109

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	2012/01/19	Mbombela Local Municipality, The Municipal Manager	PO Box 45, Nelspruit, 1200	Fax: (013) 759 2070	NA	Auto I&AP	No comments received	No comments received
2	2012/01/19	The Ward Councillor, Ward 14, C/r K M Mkhonto	PO Box 45, Nelspruit, 1200	Fax: (013) 759 2070	NA	Auto I&AP	No comments received	No comments received
3	2012/02/01	SACAA	Private Bag x73, Halfway House 1685	Tel: (011) 545 1000 Fax: (011) 545 1451	NA	Auto I&AP	No approval received yet	Submitted application
4	2012/01/19	South African Heritage Resources Agency (SAHRA)	PO Box 4637, Cape Town, 8000	phine@sahra.org.za	NA	Auto I&AP	No comments received	No comments received
5	2012/01/19	Mpumalanga Tourism and Parks Agency (MTPA)	Private Bag X11338, Nelspruit, 1200	E-mail: franskrige@telkomsa.net	NA	Auto I&AP	The MTPA was not notified initially, however a Draft Basic Assessment Report was sent to them for comment.	-
6	2012/01/19	Eskom, Adv. Ntika Maake	PO Box 1091, Johannesburg, 2000	Tel: 011 800 2780 Fax: 011 800 3917 Email: LennoxEC@eskom.co.za	Adjacent landowner notice	2012/03/02	Eskom, owner of Portion 10 of the Farm Sterkspruit 285 JT wished to inform the EAP of the two Eskom Transmission (TX) services and installations in close proximity to the mast. They do not have an objection to the proposed activity, provided that certain conditions are adhered to.	All the conditions of Eskom is concerned with the proximity of the proposed activity to the power lines. The proposed activity is located outside the servitude and is not in close proximity to the servitude as indicated on the site plans (Appendix A).



Appendix F: EMPR





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COMPANY STANDARD

Environmental Management Plan for the construction of a Base transceiver station

DOCUMENT NO: 013 08 00009 (NUMBER)

REVISION NO: 0.1

DATE: 27 October 2003

For information regarding this process guide contact:

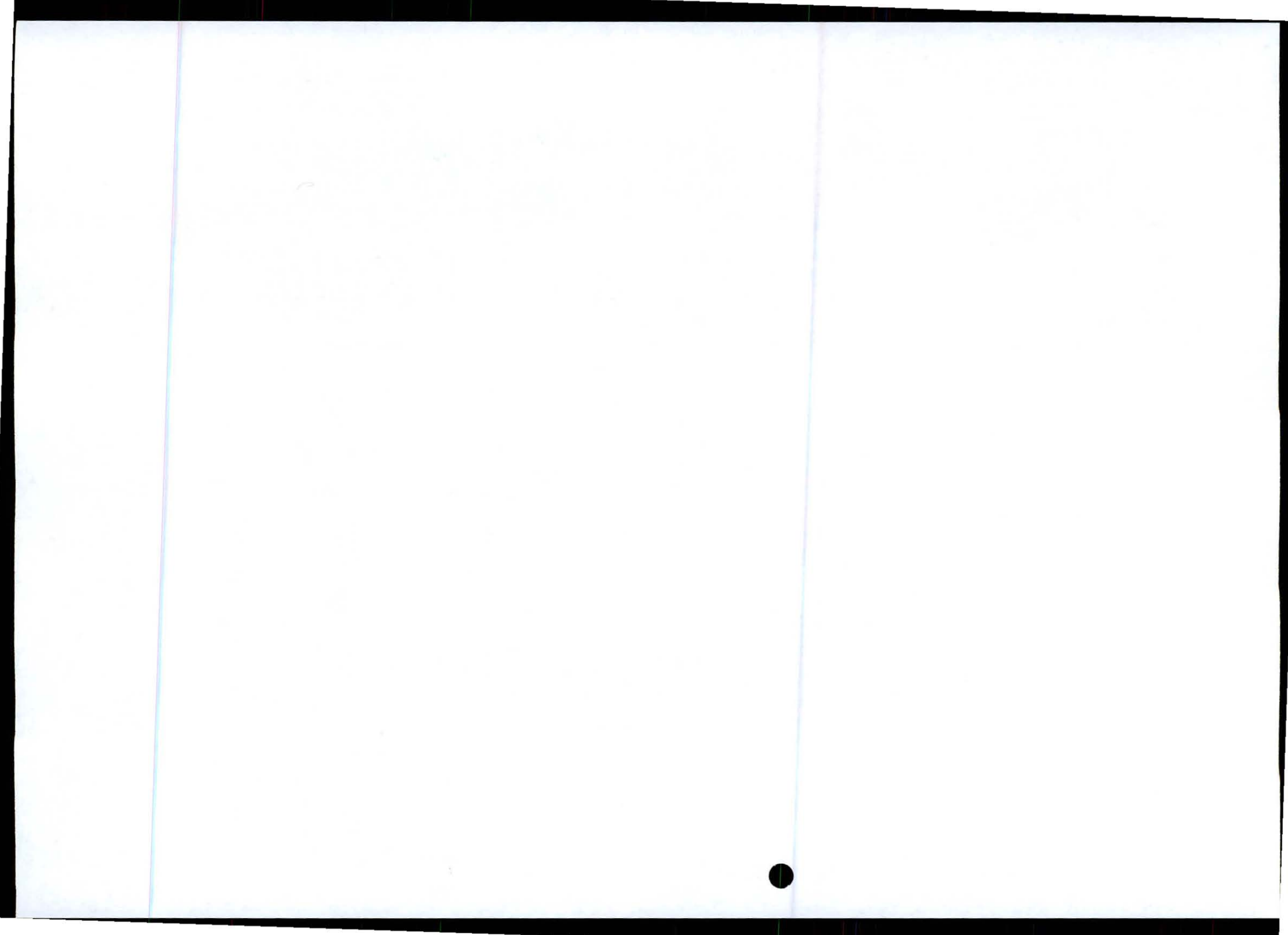
Process guide administration: Shobana Singh

Department process owner: Shobana Singh

Document owner: Shobana Singh

The official controlled copy of this document is maintained by Cell C Quality Department.
Printed versions may be used as reference documents only.

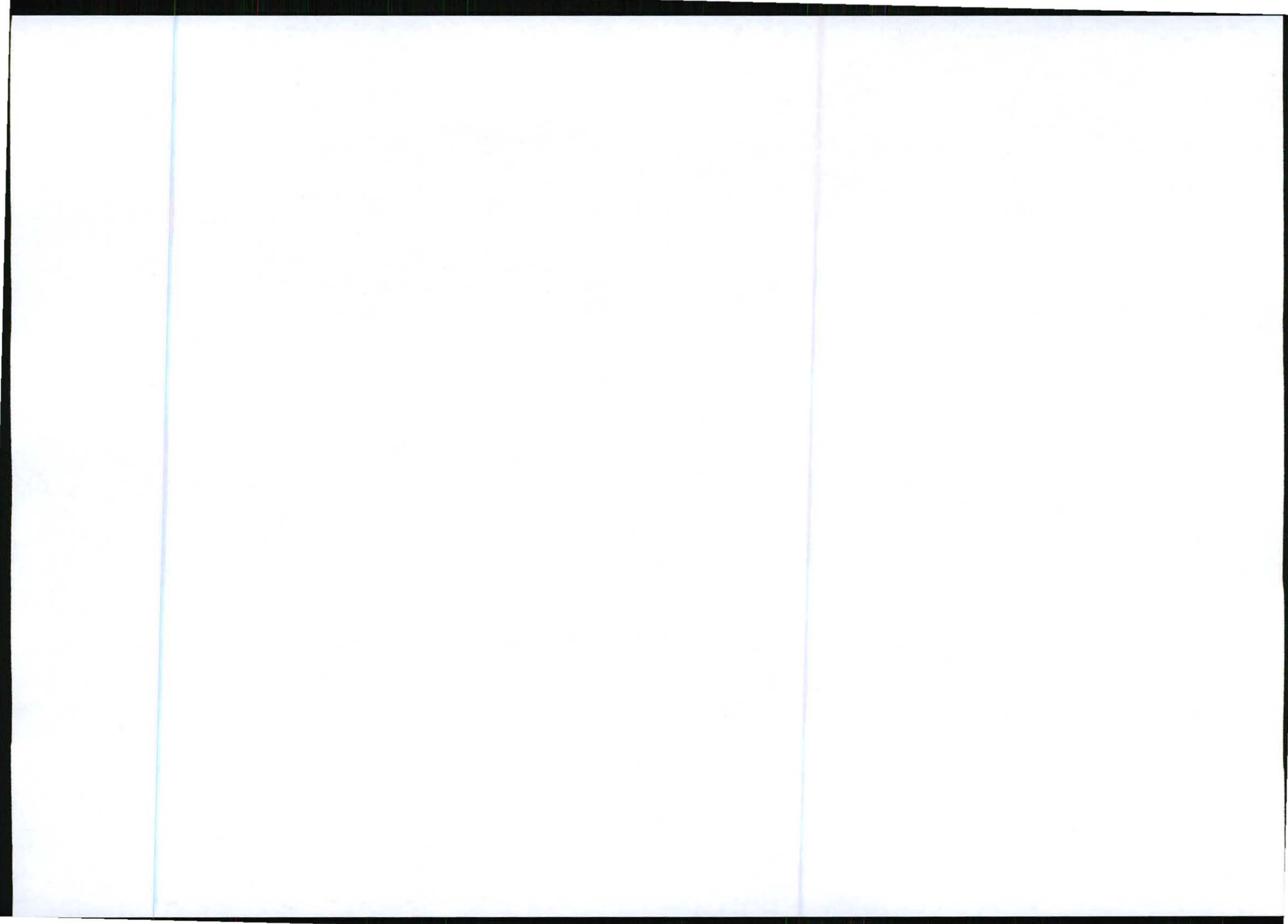
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Environmental Management Plan For The Construction Of A Base Transceiver Station

TABLE OF CONTENTS

1. Scope	3
1.1. Purpose	3
1.2. Applicability	3
1.3. Governing Policy	3
2. Responsibilities	3
2.1. Rollout Co-ordinator	3
3. Process Description	4
3.1. Physical construction issues and their mitigating actions.....	4
3.1.1. Phases of construction activities and their associated environmental impacts.....	4
3.1.2. General conditions regarding the construction phases:	6
3.1.3. Interaction with the Surrounding Landowners	7
3.1.4. Biological issues and their mitigating actions	7
4. Definitions	7
5. Abbreviations and acronyms	8
6. Approval	9
7. Revision History	9



Environmental Management Plan For The Construction Of A Base Transceiver Station

1. SCOPE

1.1. PURPOSE

This Environmental Management Plan (EMP) aims to manage and mitigate the environmental impact of the Base Transceiver Station (BTS) construction, rehabilitation and decommissioning activities. This is a guideline and should be seen as the minimum requirement for any BTS construction activity.

Due to the activities surrounding the roll out of a mobile telecommunications network the EMP's main focus will be on the site construction and decommissioning phases. Other activities surrounding the roll out have been quantified and assigned an environmental rating according to Cell C's Aspects and Impacts Register. These are managed through various environmental operational controls.

Its aim is to ensure that the following are in place:

- there is a process to identify existing or to predict potential negative environmental impacts;
- objectives and targets are set to ensure negative impacts are mitigated and existing impacts rehabilitated;
- actions are implemented to mitigate the identified negative environmental impacts; and
- monitoring programmes are developed to track the actions that have been implemented so as to ensure the effectiveness of the action.

The scope of this EMP is to give guidance to the Contractor regarding the care of the environment, by reducing the impacts that construction activities have on the surrounding environment.

1.2. APPLICABILITY

To mitigate the effect of BTS construction and decommissioning activities on the surrounding environment.

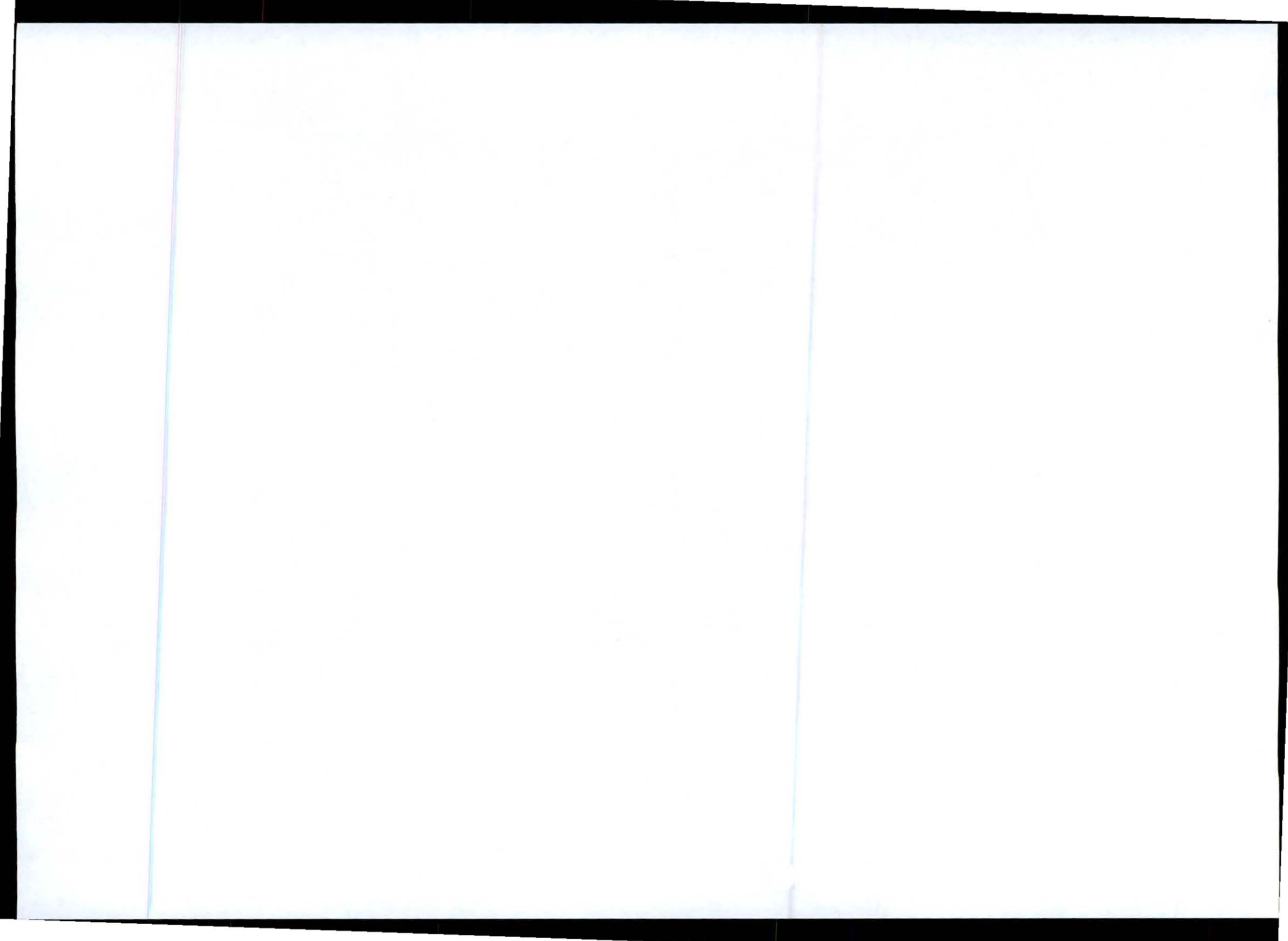
1.3. GOVERNING POLICY

Cell C's Safety, Health and Environmental Policy.

2. RESPONSIBILITIES

2.1. ROLLOUT CO-ORDINATOR

The project co-ordinator will be accountable for the co-ordinated implementation of the Environmental Management Programme(EMP) and will ensure that it forms part of the contract.



Environmental Management Plan For The Construction Of A Base Transceiver Station

3. PROCESS DESCRIPTION

3.1. PHYSICAL CONSTRUCTION ISSUES AND THEIR MITIGATING ACTIONS

For the purpose of this EMP the construction phases are grouped as follows:

1. Site clearing
2. Laying of the concrete casts
3. Preparing the foundation for the fence and construction thereof
4. Placing the Mast and Container
5. Connecting all relevant components e.g. electrical, antenna
6. Access Roads

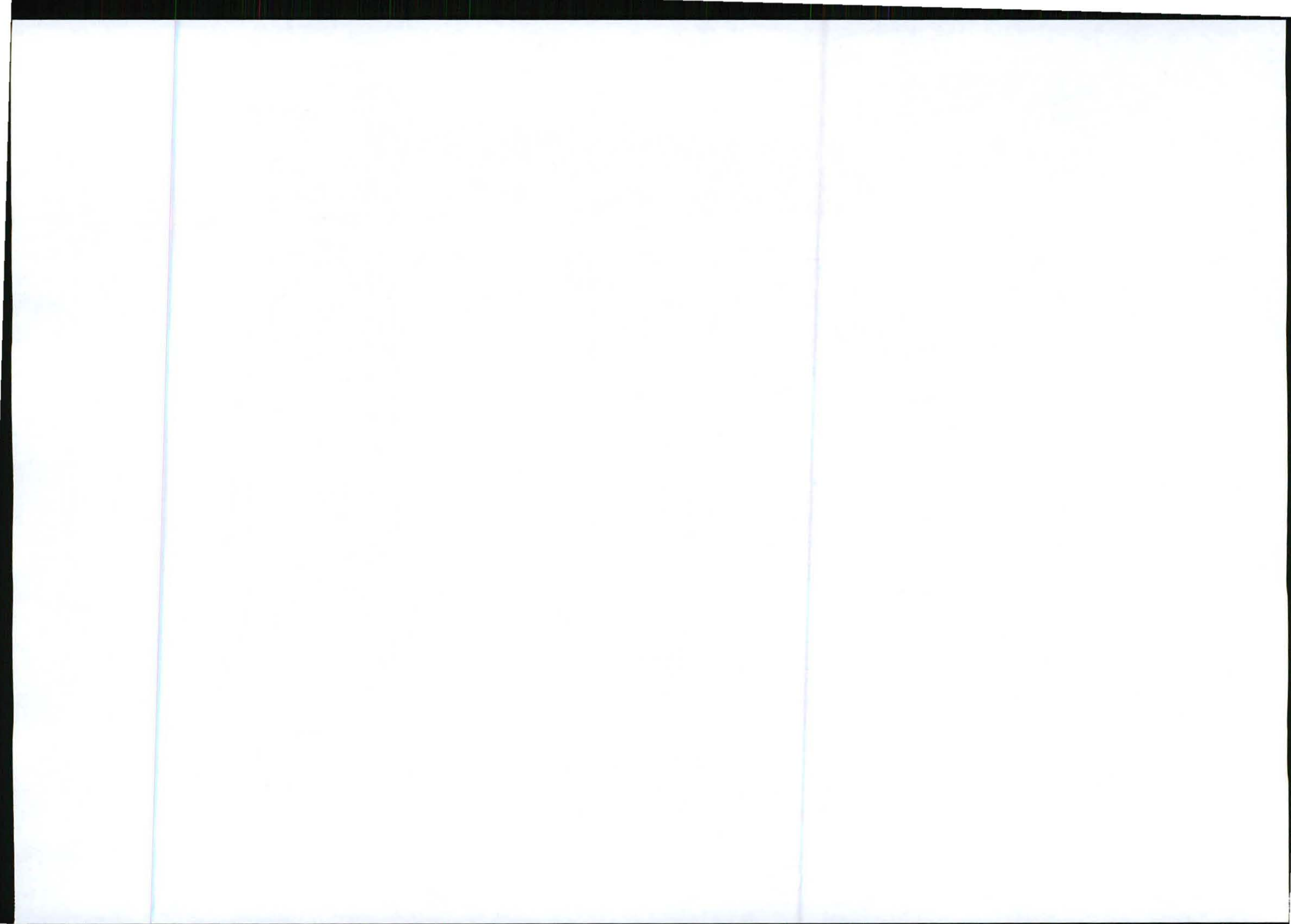
3.1.1. Phases of construction activities and their associated environmental impacts

Site Clearing

- The topsoil is to be stockpiled within the immediate vicinity and re-landscaped once construction is finished.
- All construction waste is to be stored in a designated area. It is recommended that a skip be used on site to store all waste. Waste rock generated during construction is to be sent to a permitted landfill.
- During excavations dust generated to be kept to a minimum by wetting the surface. A tanker of water may need to be brought on site if there is no water point available nearby.
- Ensure that all site clearing and excavations are done during standard working hours to limit the noise nuisance to the surrounding communities.

Laying of the concrete casts

- Generally concrete mixing should be done offsite and brought to the site via a concrete mixing truck. However concrete may be mixed on site for whatever reasons, especially for snag repairs.
- For minimum impact on the environment with regards to laying of concrete, ready mix concrete will be delivered by truck during standard working hours. In the event that concrete is mixed on site it will be done in a controlled manner. Any area disturbed is to be rehabilitated. It is the responsibility of the Project Managers to ensure that the concrete mixing area is rehabilitated.



Environmental Management Plan For The Construction Of A Base Transceiver Station

- All activities that can cause dust are to be controlled via wetting procedures. This includes the access road and the surrounding disturbed areas.
- All construction waste is to be stored in a designated area. It is recommended that a skip be used on site to store all waste

Preparing the foundation for the fence and construction thereof

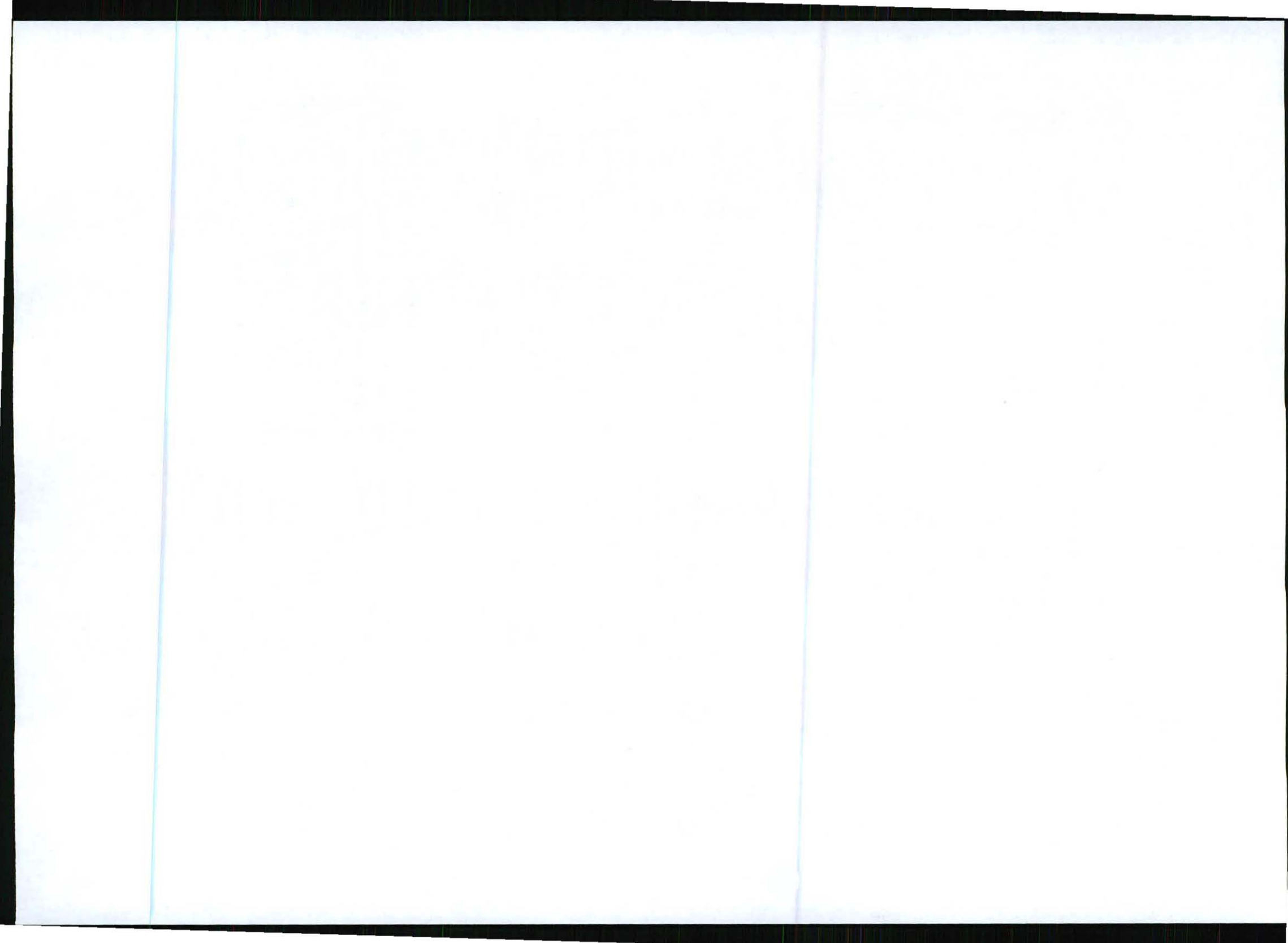
- The rock and rubble removed during this phase of construction is to be taken offsite and disposed at a registered waste disposal site.
- The contractor shall ensure that all work that could create noise is done during standard working hours.
- All activities that can cause dust are to be controlled via wetting of the land surface.
- All concrete mixed on site will be done in a designated area. Concrete bags are to be stored in a dry area. Runoff for the designated area is to be monitored for any concrete runoff. Any area disturbed is to be rehabilitated.

Placing of the mast and container

- All painting activities are to be done within the designated area. The project manager is to ensure that all damage to the grass and surrounding vegetation is rehabilitated.
- Placing of the container to be done with a mechanical lifting machine during standard working hours to minimize any possible disturbance to the surrounding community. There must be adequate access to the site for turning of machines etc to prevent any damage to any natural surrounding vegetation. Machinery must be in good working order so that there are no oil leaks.

Connecting all the relevant components

- The waste generated shall be disposed at a registered waste disposal site.
- In the event that a temporary power supply is used on site the generator will be in good working condition with the correct housing. The housing will contain the necessary drip trays. If any diesel spillage takes place it will be cleaned up immediately and logged in the site diary. It is the project manager's responsibility to ensure that the diesel spillage is cleaned up in an environmentally acceptable manner and to ensure that this information is captured in the site diary.
- The suppliers of the generators will be responsible to ensure that noise levels are kept within the SABS 0103 standard.



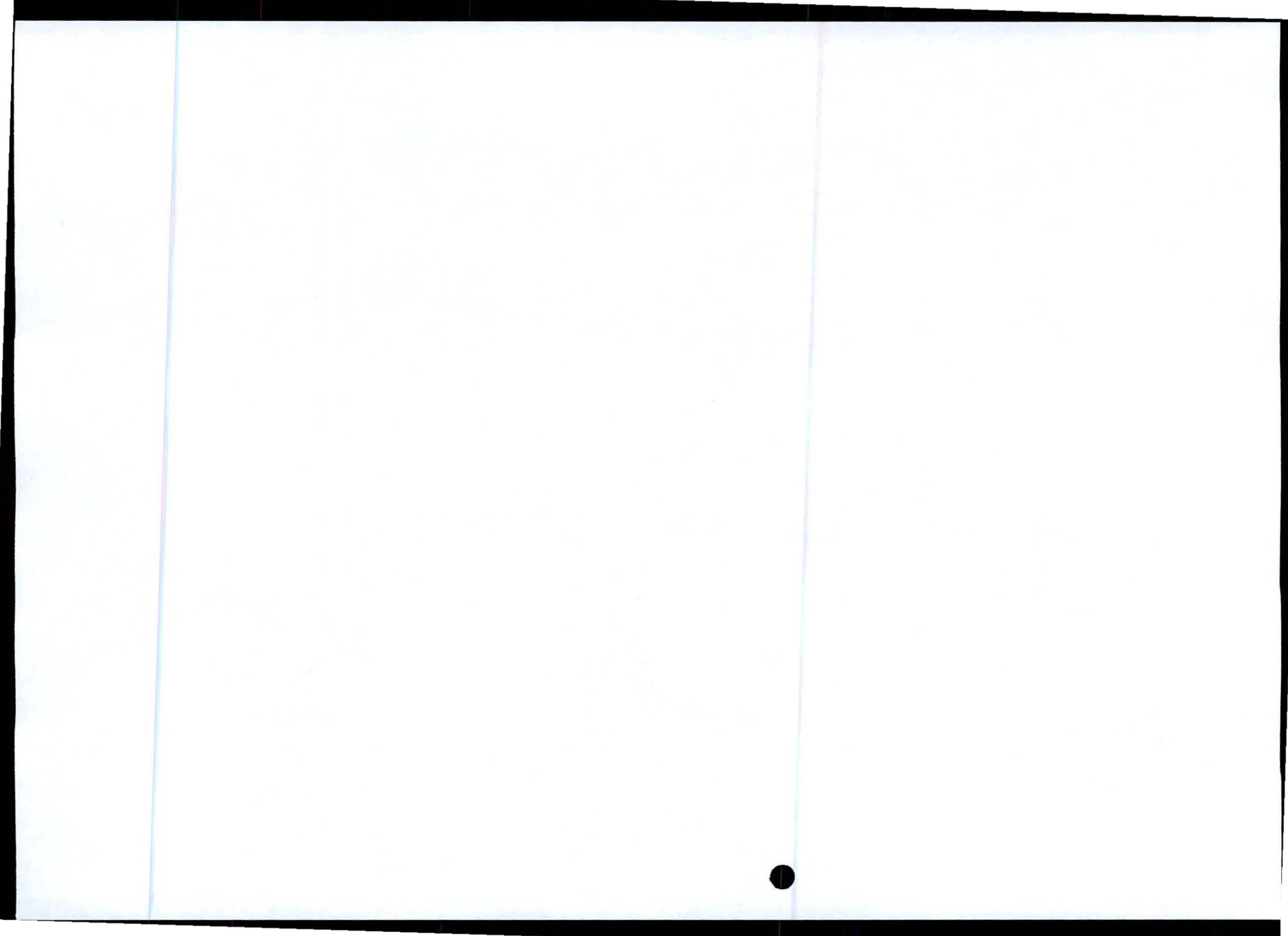
Environmental Management Plan For The Construction Of A Base Transceiver Station

Access Roads

- Due to the lack of access to BTS sites an access road might be needed. The development of an access road should be designed and developed in such a manner that it reduces the degradation of the surrounding environment.
- To ensure that sufficient erosion controls have been developed, especially slopes that are greater than 1 in 5.
- Follow the contours when planning a road on a slope.
- During the construction of the access road, ensure that dust is reduced via wetting the surface.

3.1.2. General conditions regarding the construction phases:

- All services, including maintenance, will be done via the access gate fencing closest to a road to minimize any unnecessary disturbances to the surrounding environments.
- The only atmospheric pollution will be noise and dust during construction. These will have minimal effects on the surrounding physical and biological environments.
- Littering or illegal dumping of any waste material is prohibited (no waste disposal holes are to be made on the site ground unless it is a registered waste disposal site).
- Standard working hours on site will be from 07:00 – 17:00.
- No construction workers will be on site after working hours. Unless written permission is obtained
- One chemical toilet will be used on site for workers during the construction phases.
- It is the responsibility of the Project Managers to comply with all relevant legislation will be enforced during construction.
- The site containing the mast and the equipment container to be fenced with a 2,3m high metal palisade fence. Access to the area to be strictly controlled through a locked gate.
- No servicing of any machinery or vehicle may take place on site
- Any area disturbed during construction, which falls outside the fenced area, to be rehabilitated to its original condition. The rehabilitation activities are to be coordinated by the Project Managers.
- The site to be inspected twice a year and be kept in a good condition. A record must be kept of each inspection, stating the condition of the site and any remedial work that may be necessary on the site.
- Any damage that is done to an existing access road during construction will be rehabilitated to its original state.
- Electricity supply cables to the site will be underground via a trench that is at least 600 mm deep



Environmental Management Plan For The Construction Of A Base Transceiver Station

- The mast colour is normally white or green, but is not limited to these two colours. Any paintwork must be inspected once a year and be kept in a good condition.
- On termination of use of the facility, all equipment to be dismantled and removed and the site restored to its original state.
- No herbicides or pesticides will be used on site unless administered by a pest control officer.
- The Contractor shall maintain a Site Diary and Instruction Book wherein daily reports of completed work, site visits, delays or inclement weather reports and details of plant and labour resources. Siemens will keep site instructions for scrutiny. Any delay incurred by the Contractor will be immediately reported to Siemens.
- It is the responsibility of the Project Managers to ensure that the environmental mitigating actions as stipulated in this Environmental Management Plan are adhered to.

Monitoring of construction phase

Site inspections to take place during construction and/or once the sites are completed. Site inspections (audits) are controlled via environmental pre- and post-construction checklists that ensures that all minimum requirements. Refer to Annexure 1.

3.1.3. Interaction with the Surrounding Landowners

- The culture and lifestyles of the communities living in close proximity to the site and work sites must be respected.
- Removal (pilfering) of agricultural products (sugar cane, fruit, vegetables, stock, fire wood, poaching, etc.) is prohibited. Receipts must be obtained for any merchandise purchased or received from land owners.
- All complaints must be reported, recorded and investigated.

3.1.4. Biological issues and their mitigating actions

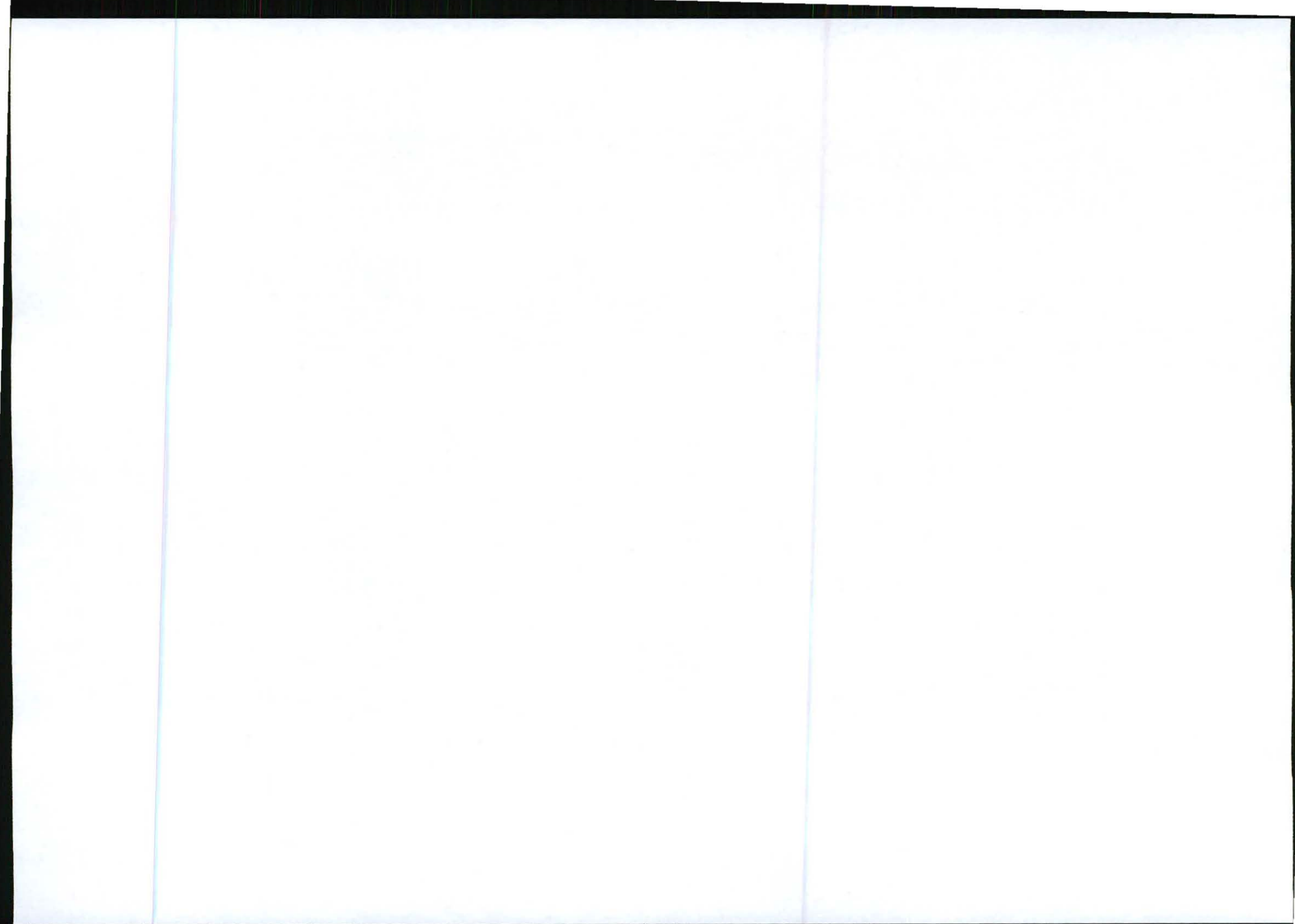
Fauna and Flora

Endangered and threatened flora must be identified and suitably demarcated to prevent damage. Permits must be obtained from the regional Department of Environment Affairs and Tourism for the felling of protected trees and shrubs.

The BTS site must be suitably fenced to prevent access by any animals.

4. DEFINITIONS

Definitions of specific or special terms used.



Environmental Management Plan For The Constrction Of A Base Transciever Station

5. **ABBREVIATIONS AND ACRONYMS**

BTS: Base Transceiver Station

construction footprint: The area of the BTS site including a 2m radius around the site. The BTS site can rang from 8m squared to 12m squared.

environment: Surroundings in which an organization operates, including air, water, land, natural resources, flora, fauna, humans and their interactions.

environmental issues (aspect): Elements of an organization's activities, products or services which can interact with the environment.

environmental impact: Any change to the environment, whether adverse or beneficial, wholly or partially resulting from an organization's activities, products or services.

environmental impact assessment (EIA): The process of collecting, organizing, analyzing, interpreting and communicating data that is relevant to some decision. It is aimed at identifying impacts that a proposal will have on the environment as well as the impact the environment will have on the project. The result of the EIA is a planning decision to accept the best balanced alternative for a project.

environmental management programme (EMP) : A programme that guarantees the desired end state of the environment and describes how activities, that could have a negative impact, will be managed and monitored and impacted areas rehabilitated.

interested party: Individuals or groups concerned with or affected by an activity and its consequences. These include the authorities, local communities, investors, work force, customers and consumers, environmental interested groups and the general public.

mitigate: The implementation of practical measures to reduce adverse impacts or enhance beneficial impacts of an action.

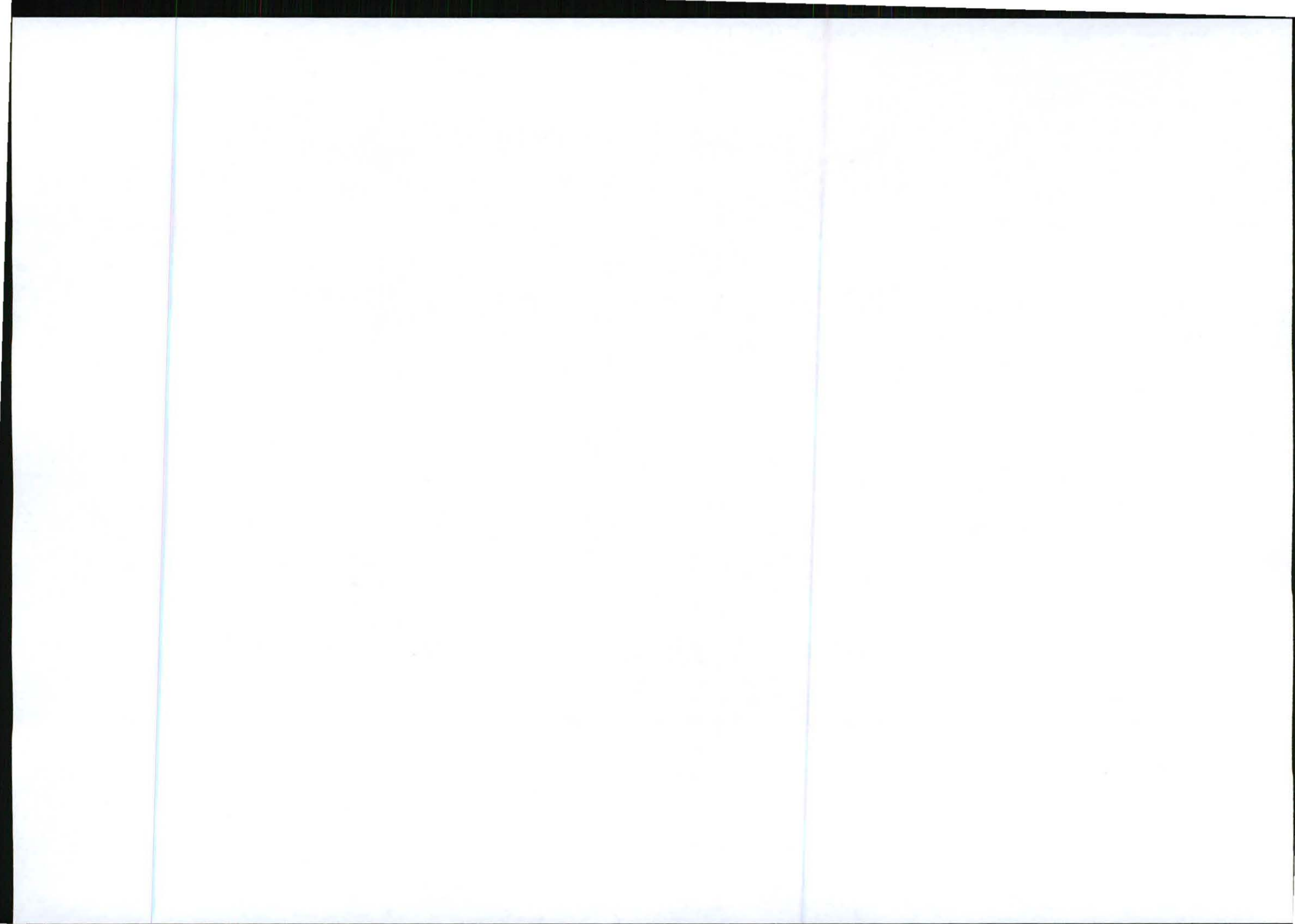
monitoring: An activity which ensures that the requirements of the Environmental Management Programme are met.

ROD: Record of Decision

site: The area which houses the BTS and the mast. Including a 2m radius around the fence.

standard working hours: From 07:00am to 17:00pm

TSS: Technical Site Survey



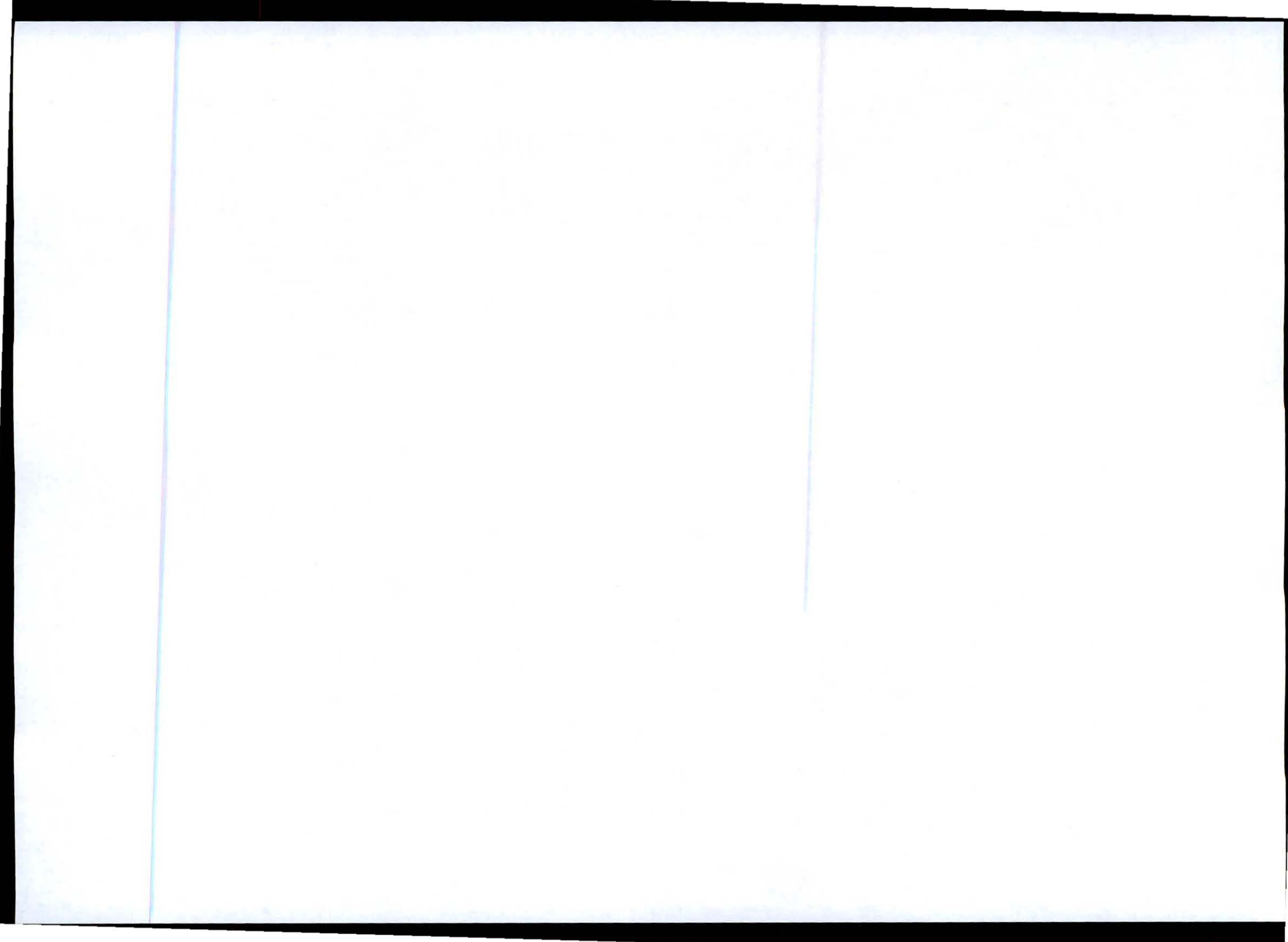
Environmental Management Plan For The Constrction Of A Base Transciever Station

6. APPROVAL

Designation	Name	Date	Signature
Author:			
Head of Business Process Management			
Department Process Owner			
Head of Quality Management			
Head of Error! Reference source not found.			

7. REVISION HISTORY

Description of Change or Reason for Update	Rev. #	Date	Name
Initial Issue (draft)	0		

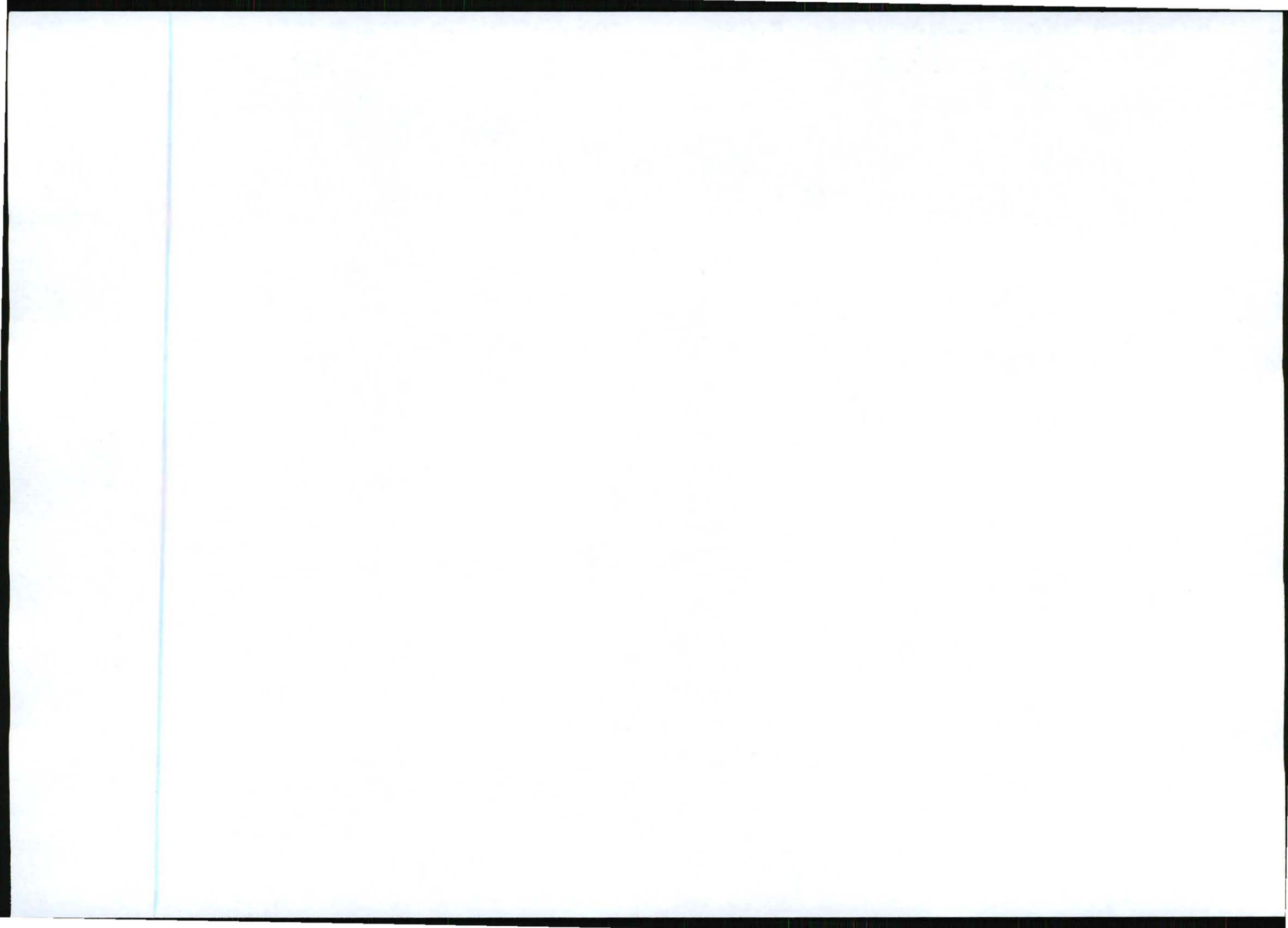


Appendix G1: Public Participation

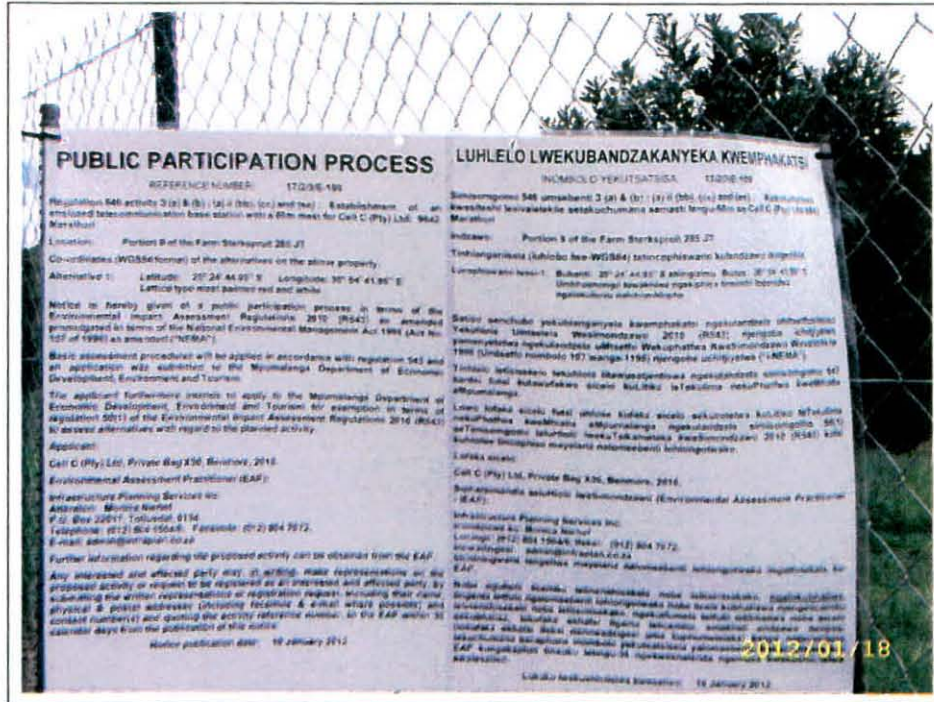
- G1 – Public Participation - Proof of Site Notice**
- G2– Public Participation – Proof of Written Notices to I&AP**
- G3– Public Participation – Proof of Newspaper Advertisement**
- G4 – Public Participation – Register of I&APs**
- G5 – South African Civil Aviation Authority Approval**
- G6 – Motivation for exemption from assessing alternatives**



G1 Proof of Site Notice



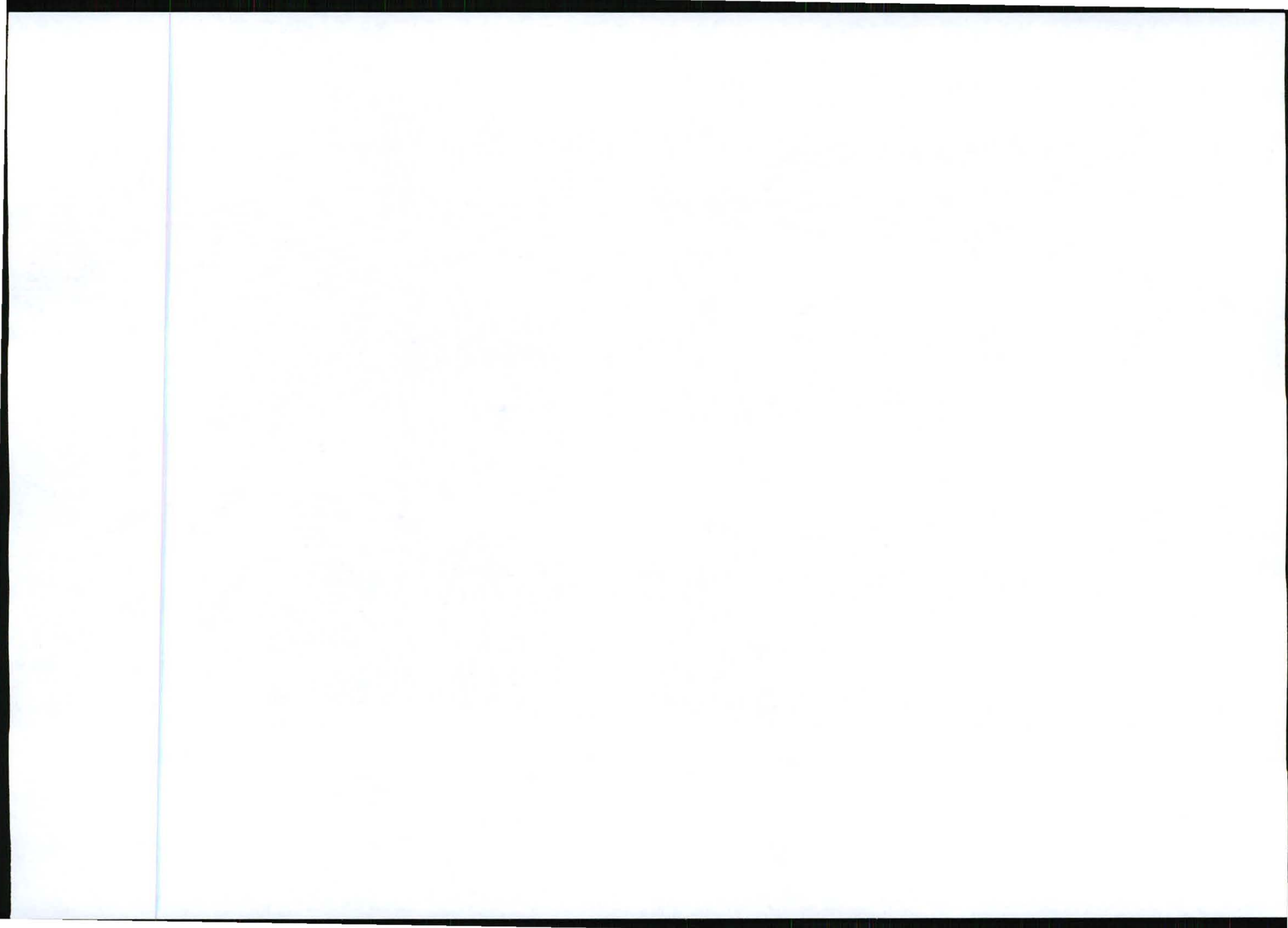
Proof of Site Notice

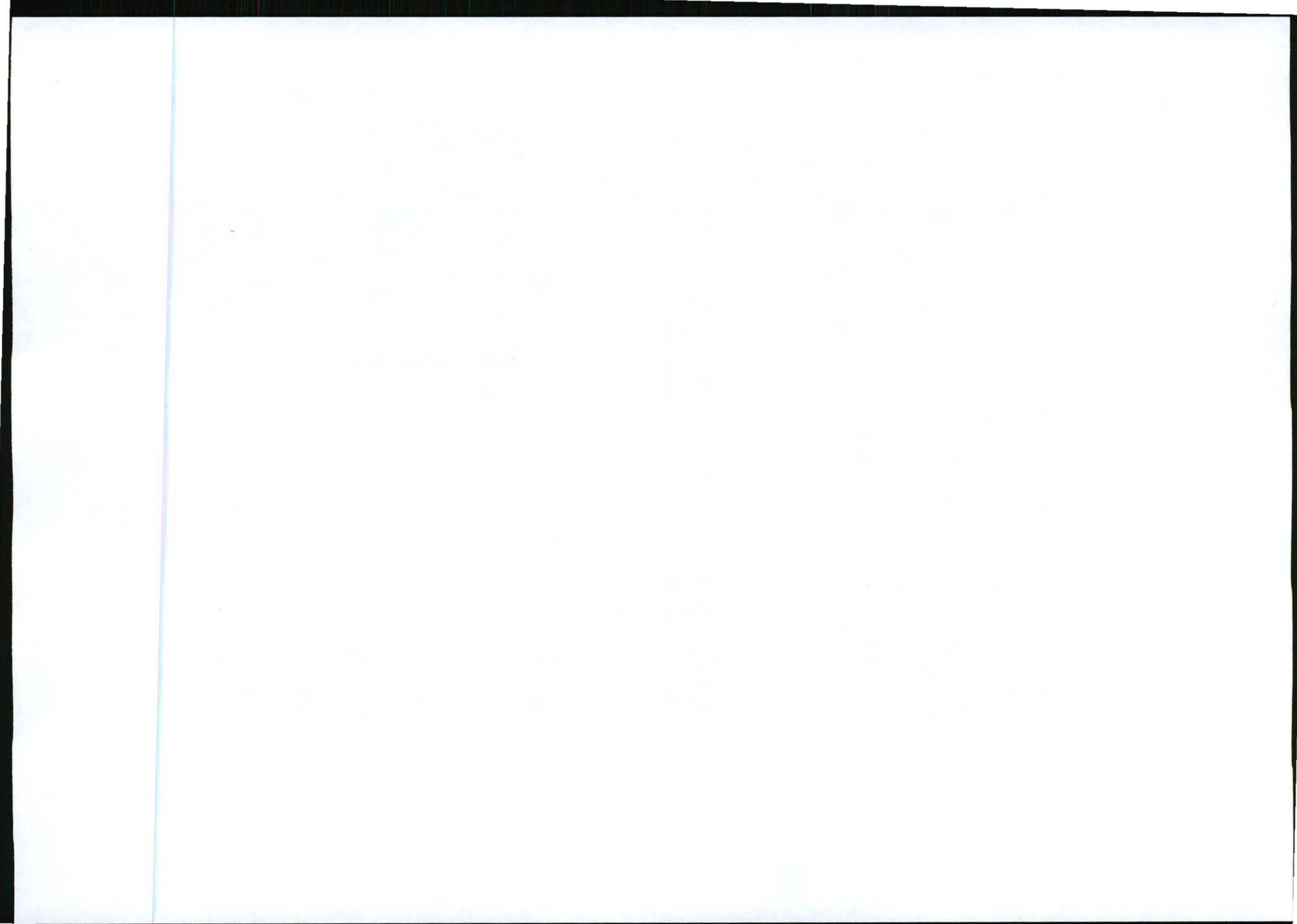


Site Notice 1 affixed to stand Next to gate



Site Notice 1 affixed to stand Next to gate





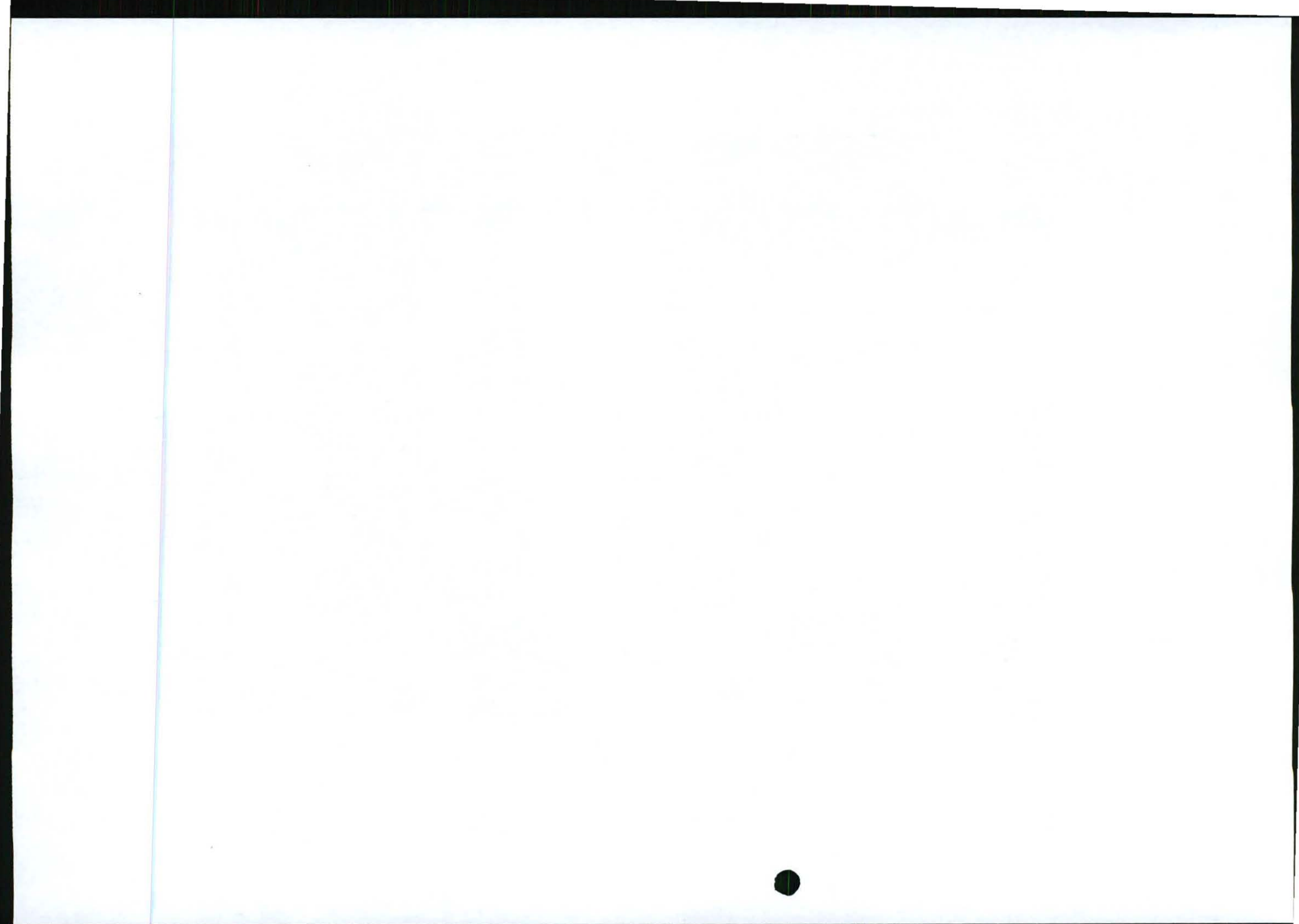
Proof of Site Notice



Site Notice 2 affixed to stand next to main road



Site Notice 2 affixed to stand next to main road



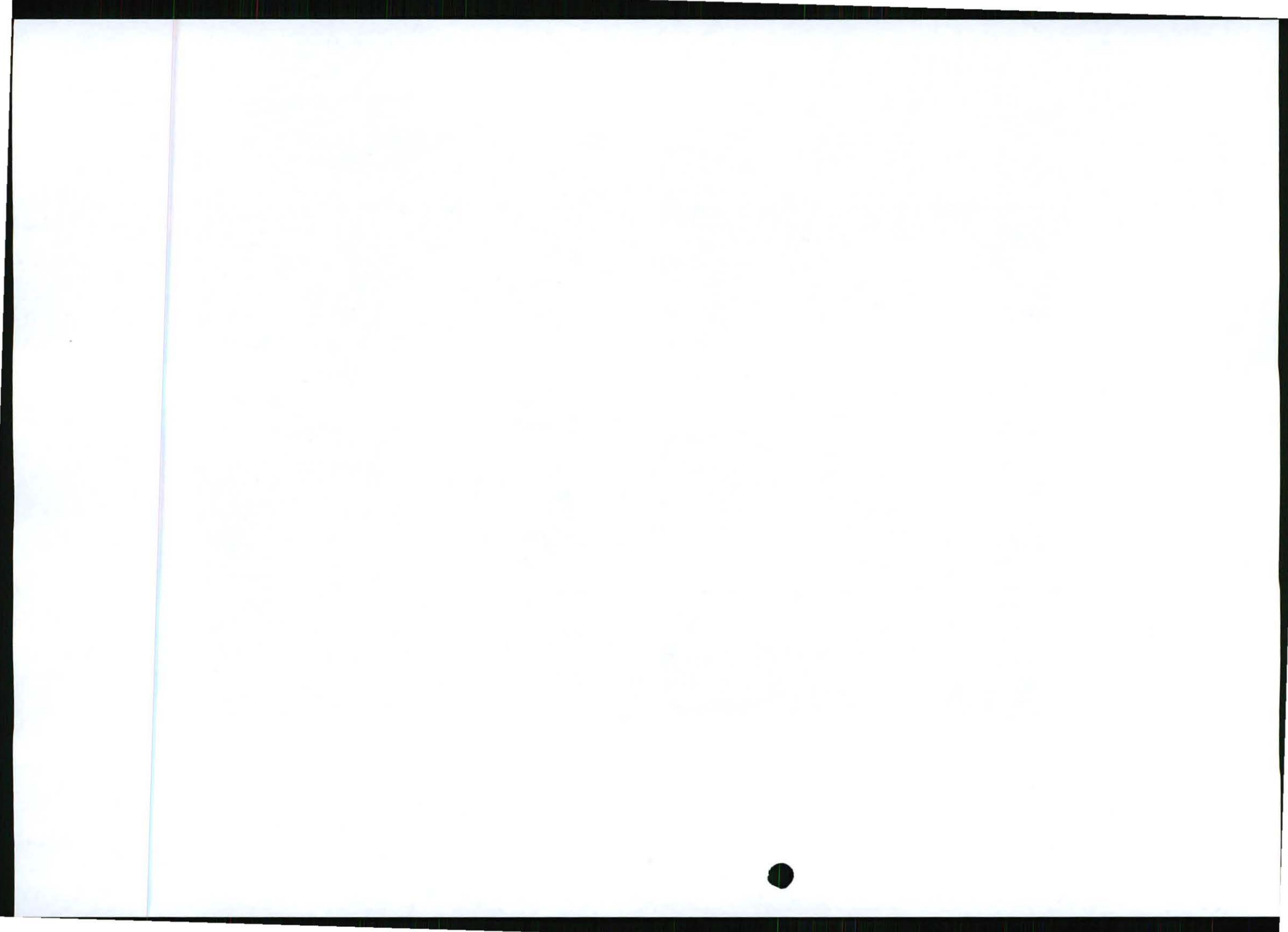
Proof of Site Notice



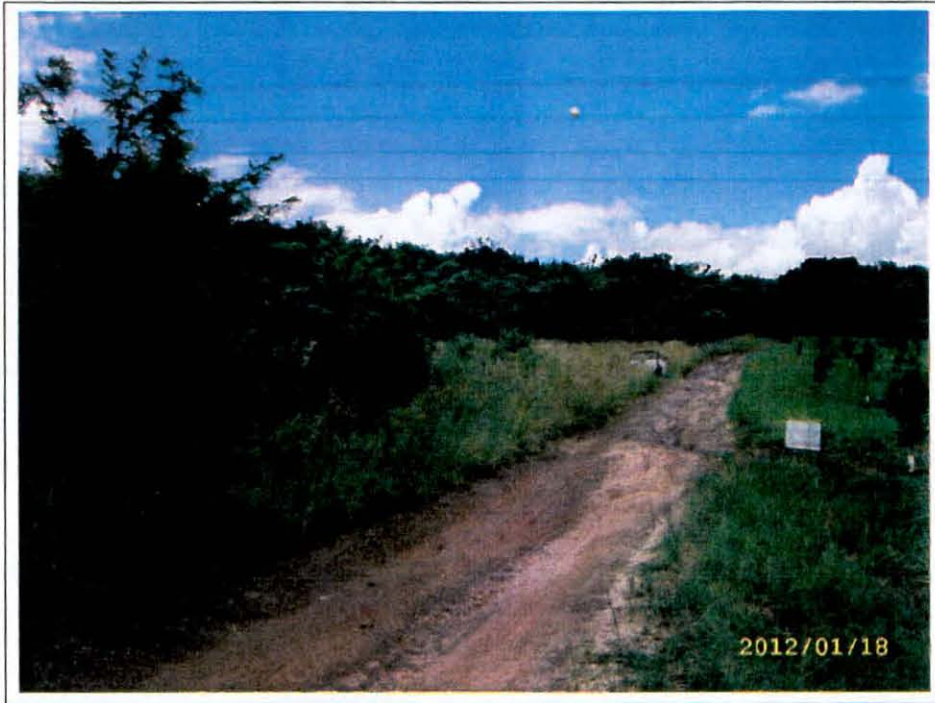
Site Notice 3 affixed to stand next to farm road



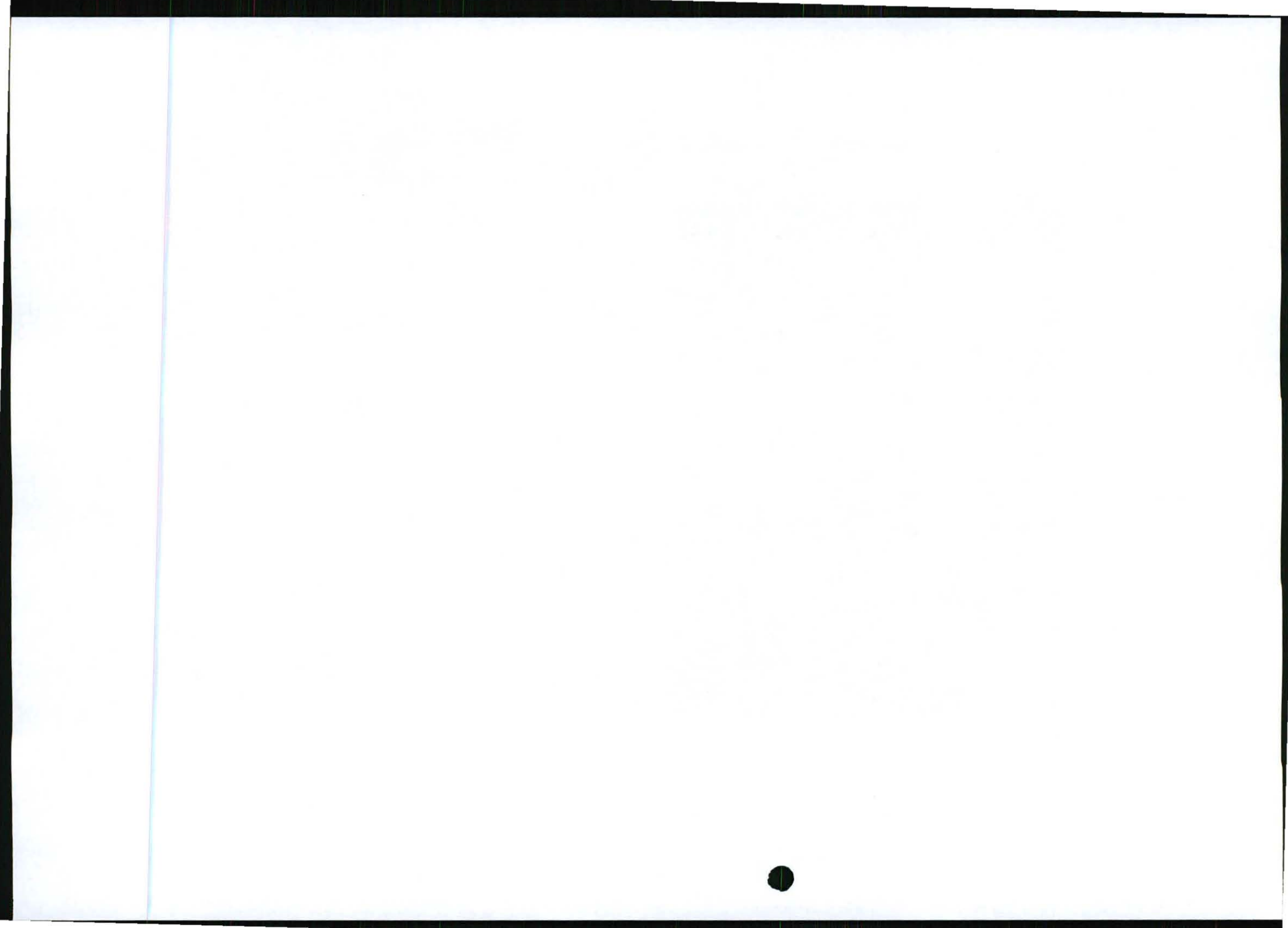
Site Notice 3 affixed to stand next to farm road



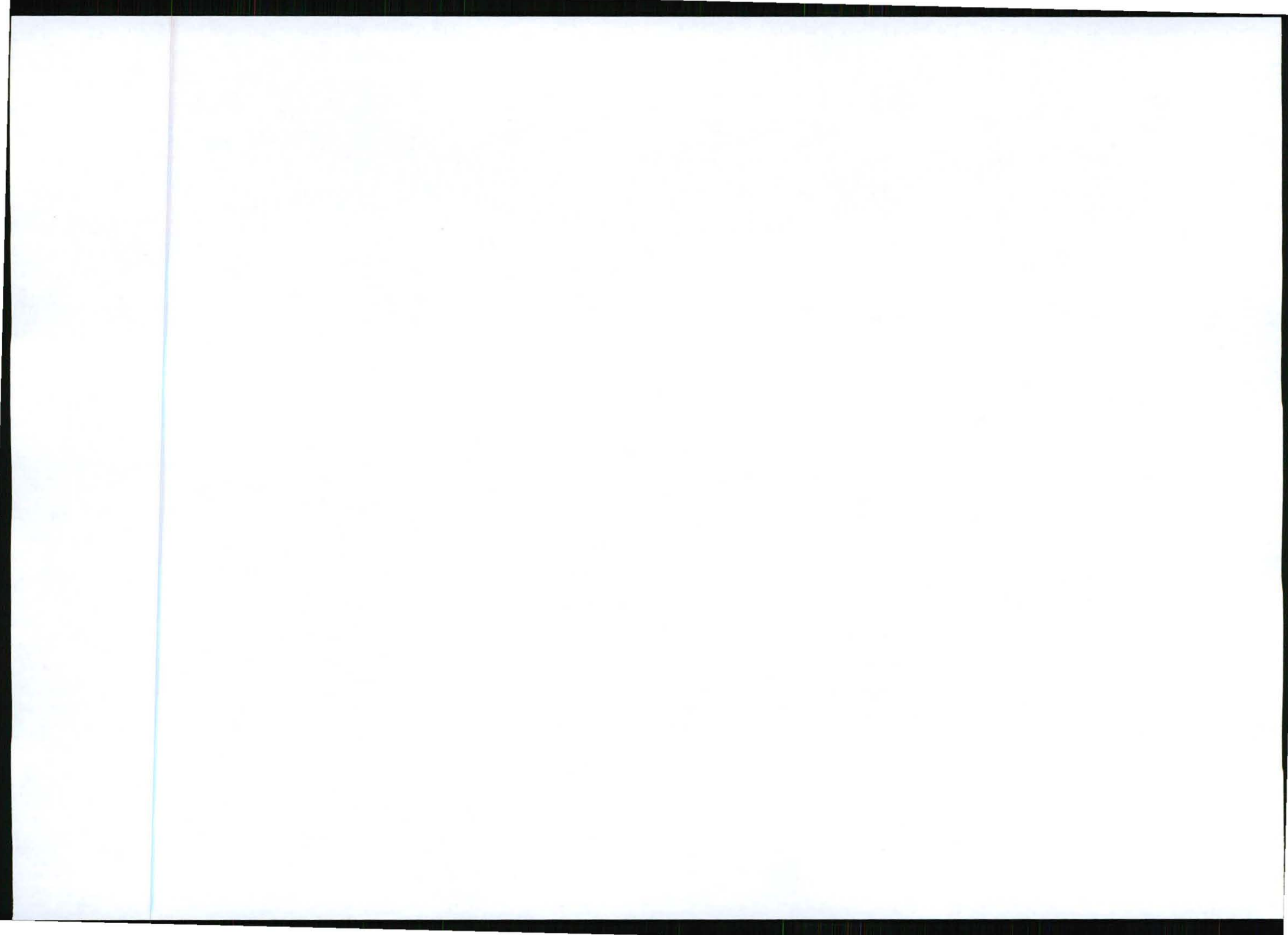
Proof of Site Notice



Site Notice 3 affixed to stand next to farm road



G2 – Proof of Written Notices



TX Result Report

P 1
 19/01/2012 13:17
 Serial No. A02E041005510
 TC: 775893

Destination	Start Time	Time	Prints	Result	Note
0137592070	01-19 13:04	00:13:42	011/011	OK	

Note TX: Toner TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,
 MIX: Mixed Original TX, CAL: Manual TX, CSRC: CSRC, FWD: Forward, PC: PC-Fax,
 BLD: Double-Sided Binding DirectPrint, SP: Special original, FCODE: F-code, RTX: Re-TX,
 BLV: 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.



INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated
 414 Rustic Road, Silvertondale, 0184
 PO Box 32017, Totwedel, 0134
 e-mail: admin@infoplan.co.za

Reg. No. 2001/014236/21
 Tel. (012) 604 1604/6
 Fax (012) 604 7072

Our Reference:
 0642 / 17/2/3/E-110

Your Reference:

19 January 2012

The Ward Councillor
 Mbombela Local Municipality
 P O Box 48
 Nelspruit
 1200

Attention: Cnr K M Mkhonto
 Councillor: Ward 14

Facsimile: (013) 750 2070

E-mail:

Dear Councillor,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) II (bb), (cc) and (ee) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 9 OF THE FARM STERKSPRUIT 265 JT.

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.

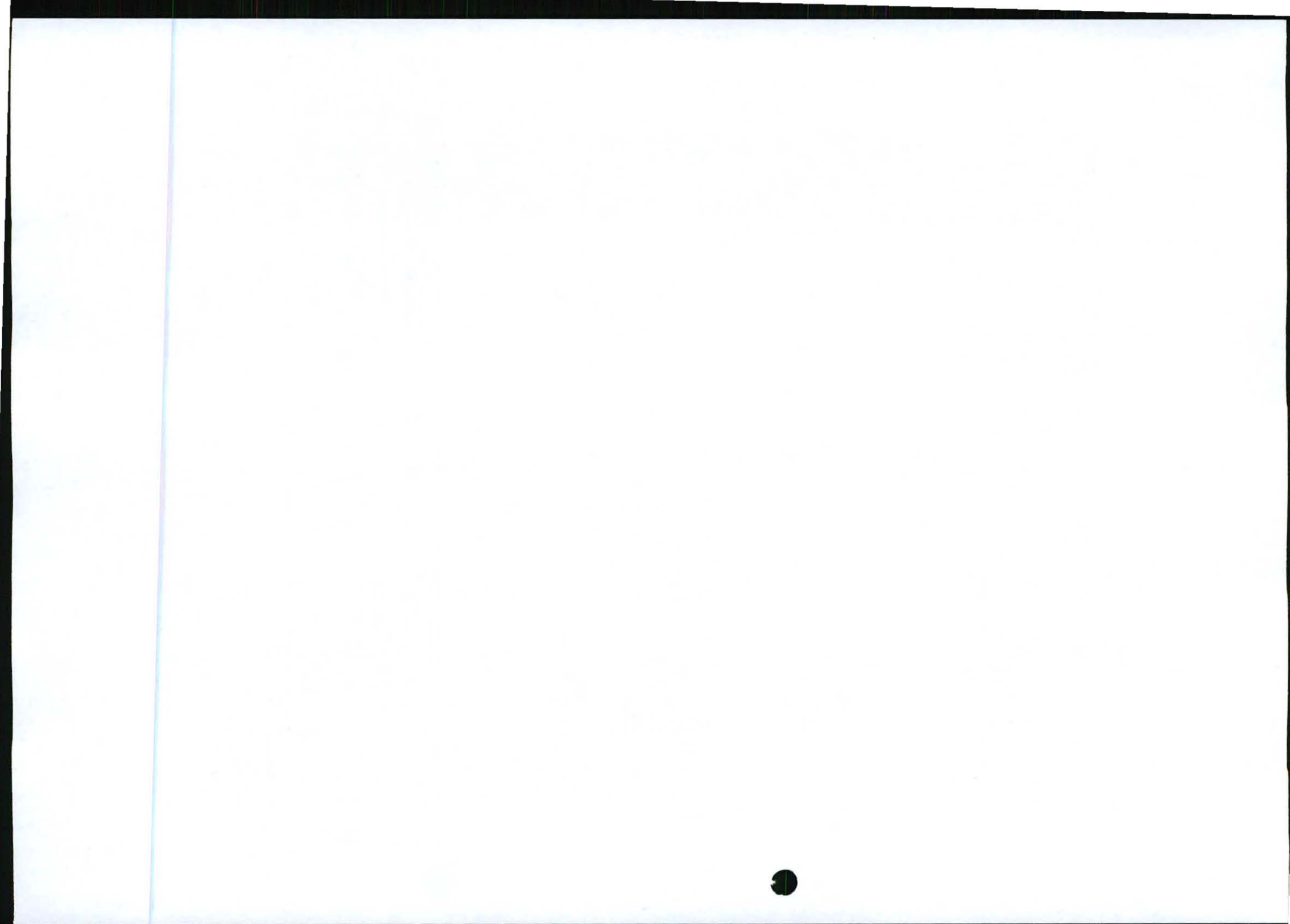
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

M Niehof
M NIEHOF
 For: Vukani IPS Inc.

Comments:

Directors: KW Anholts; GA Anholts





INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated
414 Rustic Road, Silvertondale, 0184
PO Box 32017, Totiusdal, 0134
e-mail: admin@infraplan.co.za

Reg. No. 2001/014235/21
Tel. (012) 804 1504/6
Fax (012) 804 7072

Our Reference:
9642 / 17/2/3/E-110

Your Reference:

19 January 2012

The Ward Councillor
Mbombela Local Municipality
P O Box 45
Nelspruit
1200

Attention: Clr K M Mkhonto
Councillor: Ward 14

Facsimile: (013) 759 2070

E-mail:

Dear Councillor,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (bb), (cc) and (ee) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 9 OF THE FARM STERKSPRUIT 285 JT.

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.

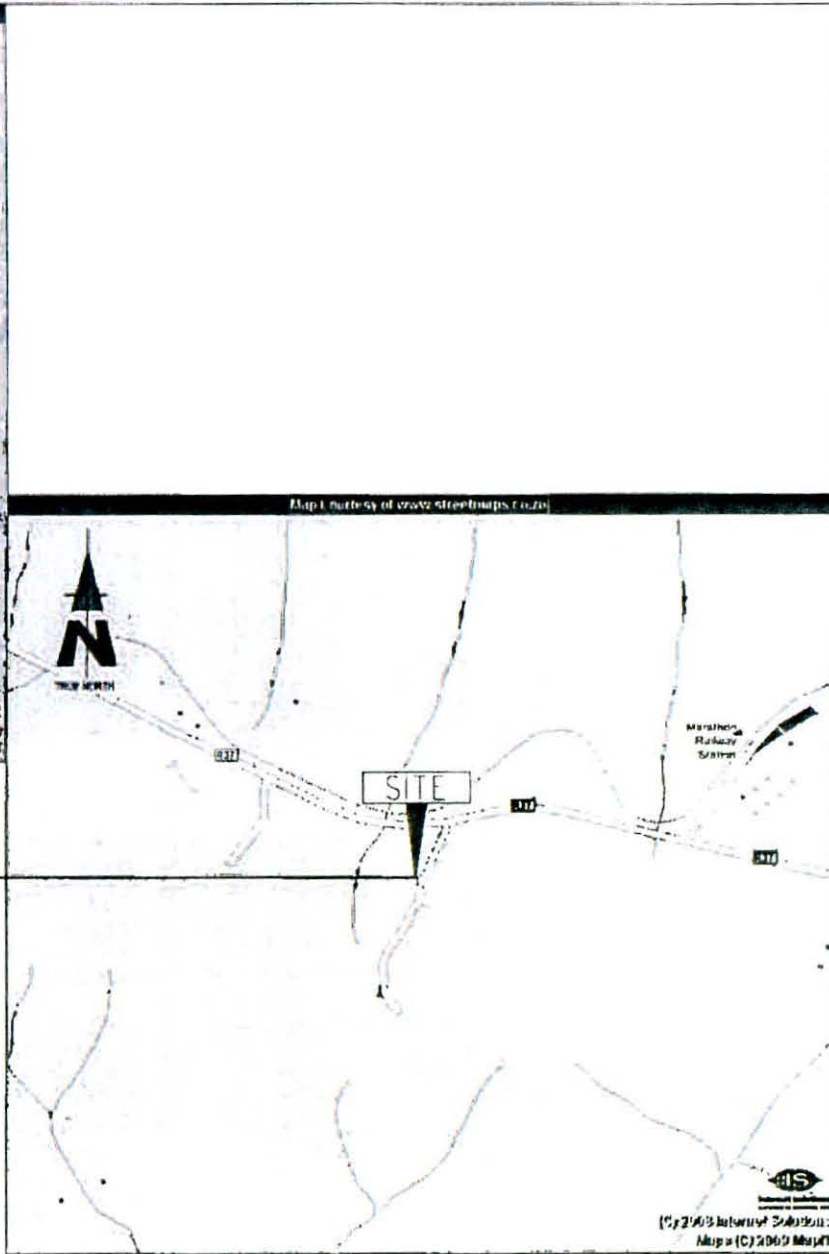
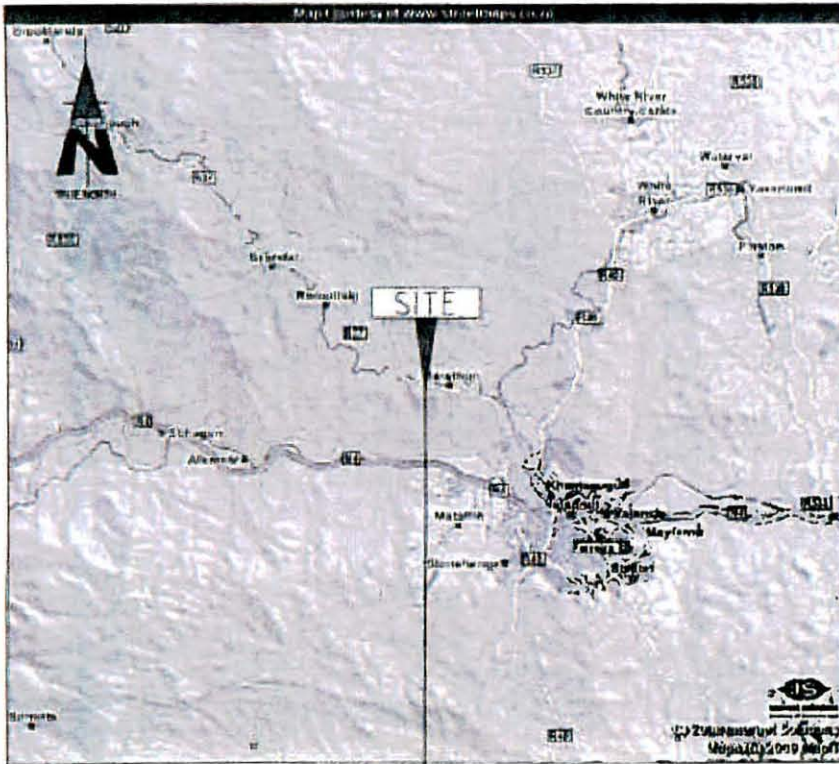
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

M NIEHOF
For: Vukani IPS Inc.

Comments:





9642
MARATHON

NO	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE
PROJECT NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 80m LATTICE MAST FOR CELL C (PTY) LTD		
DRAWN BY: LEANDRE HARMSE PROPERTY DESCRIPTION PORTION 0 OF THE FARM STERKSPRUIT 285 JT		
OWNER KIAAT & ROT'S BOERDERY CC		
COORDINATES LAT -25 41'22.35" LONG 30 9'11.654"		

APPROVALS:

CELL C RF PLANNER	Signature _____	Date _____
CELL C IMPLEMENTATION	Signature _____	Date _____
CELL C REAL ESTATE CO-ORDINATOR	Signature _____	Date _____
CELL C ENGINEER	Name _____	Signature _____ Number _____

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130 Riverside Road Fax: +27 (11) 524 4401 Boksburg 2016

Nokia Siemens Networks

87 Oak Avenue Tel: 011 878 2000
Highveld Techno Park
Constitution Precinct
2046

Consultant

TORBIOUSE SOLUTIONS

414 Phiso Road Tel: +27 (11) 804 13040 P.O. Box 27017
Boksburg Fax: +27 (11) 804 3972 Torboside
2016 e-mail: info@torbiousolutions.co.za 2016

REVISION	SHEET NO.	ISSUE	SCALE
0	1 OF 10	1	NTS

SITE NO
9642

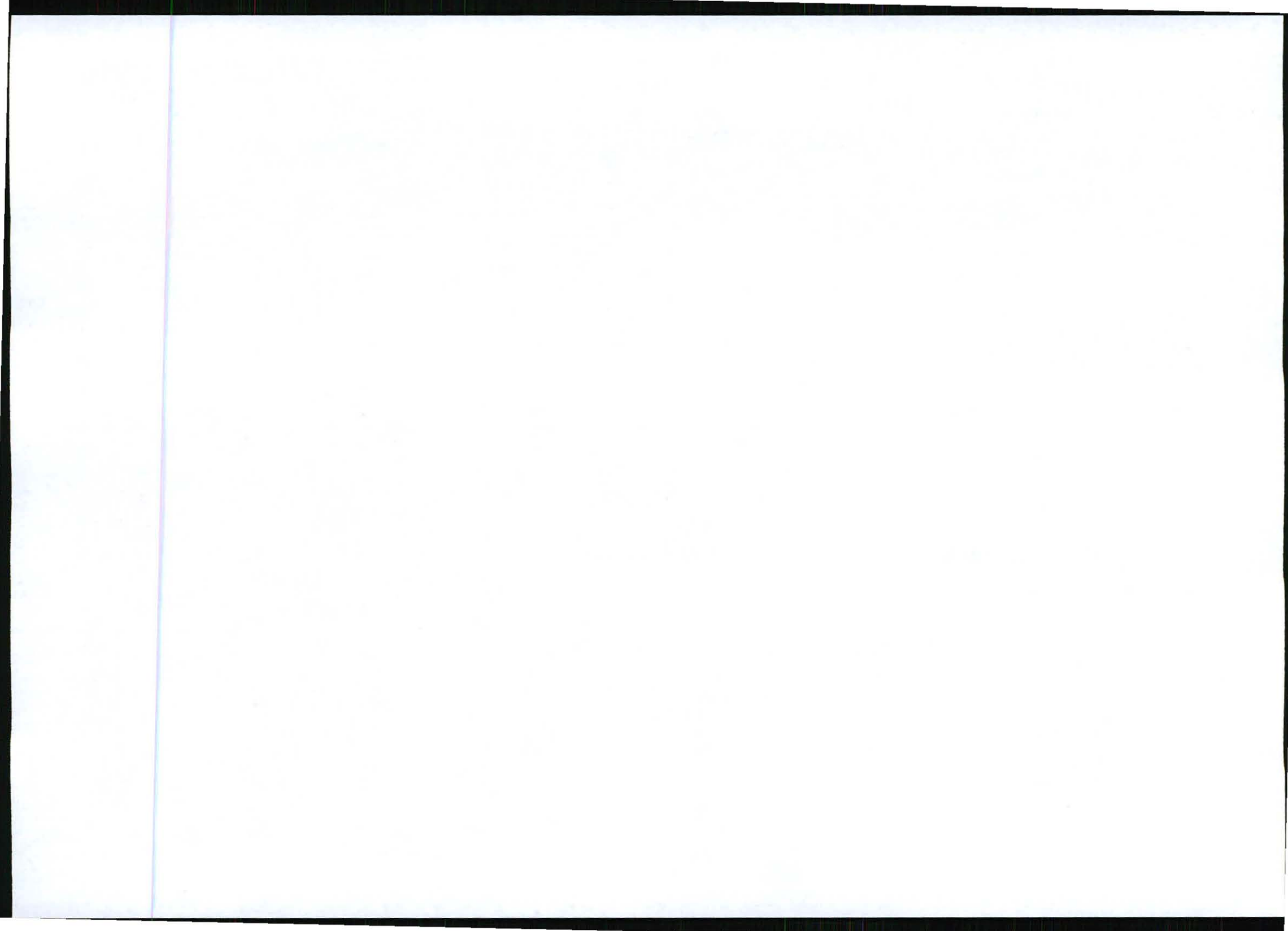
SITE NAME AND ADDRESS
MARATHON
OFF THE R37 (BETWEEN R40 & LYDENBURG)
47.3km FROM R40,
STERKSPRUIT,
MPUMALANGA

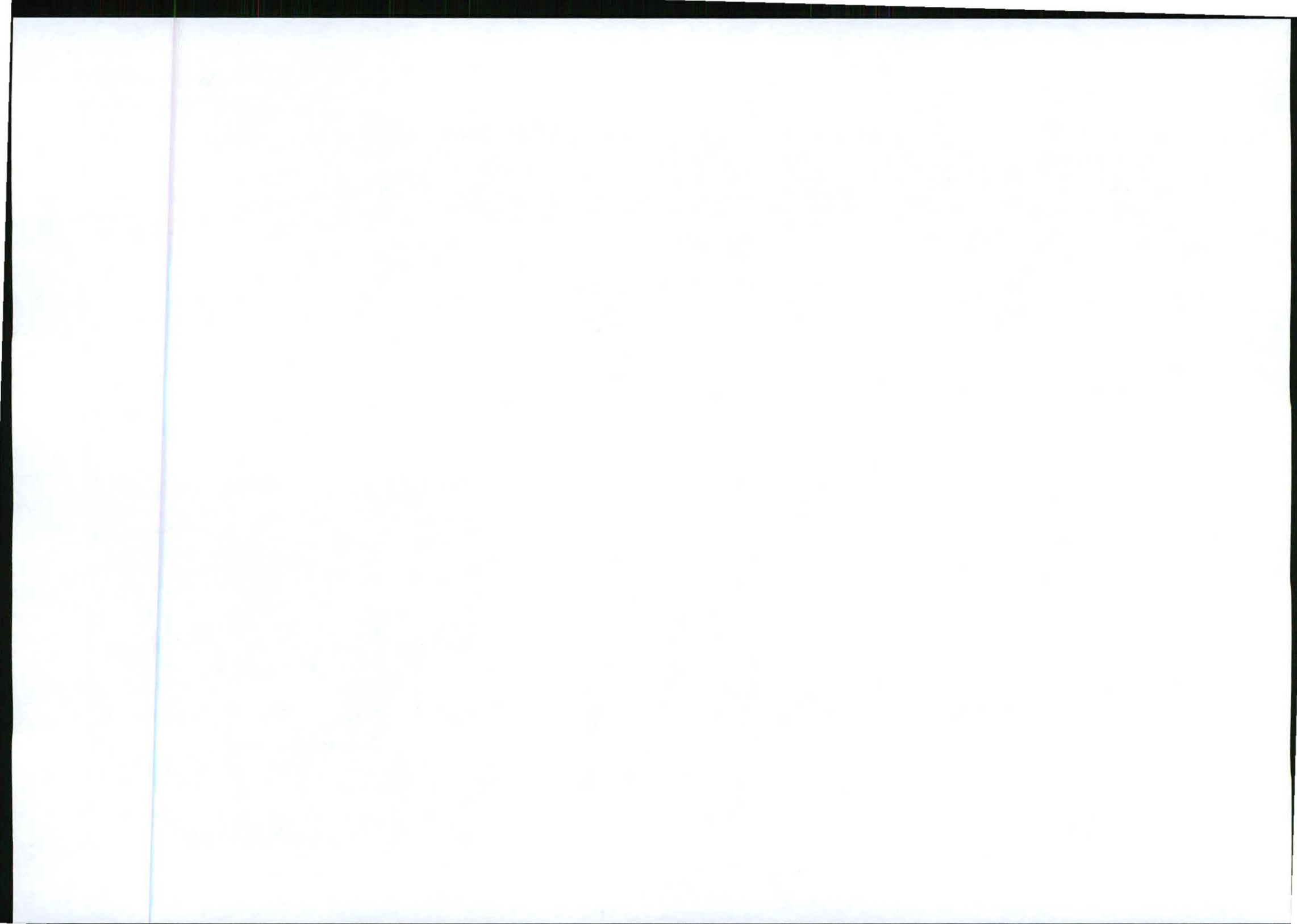
Strictly Company Confidential

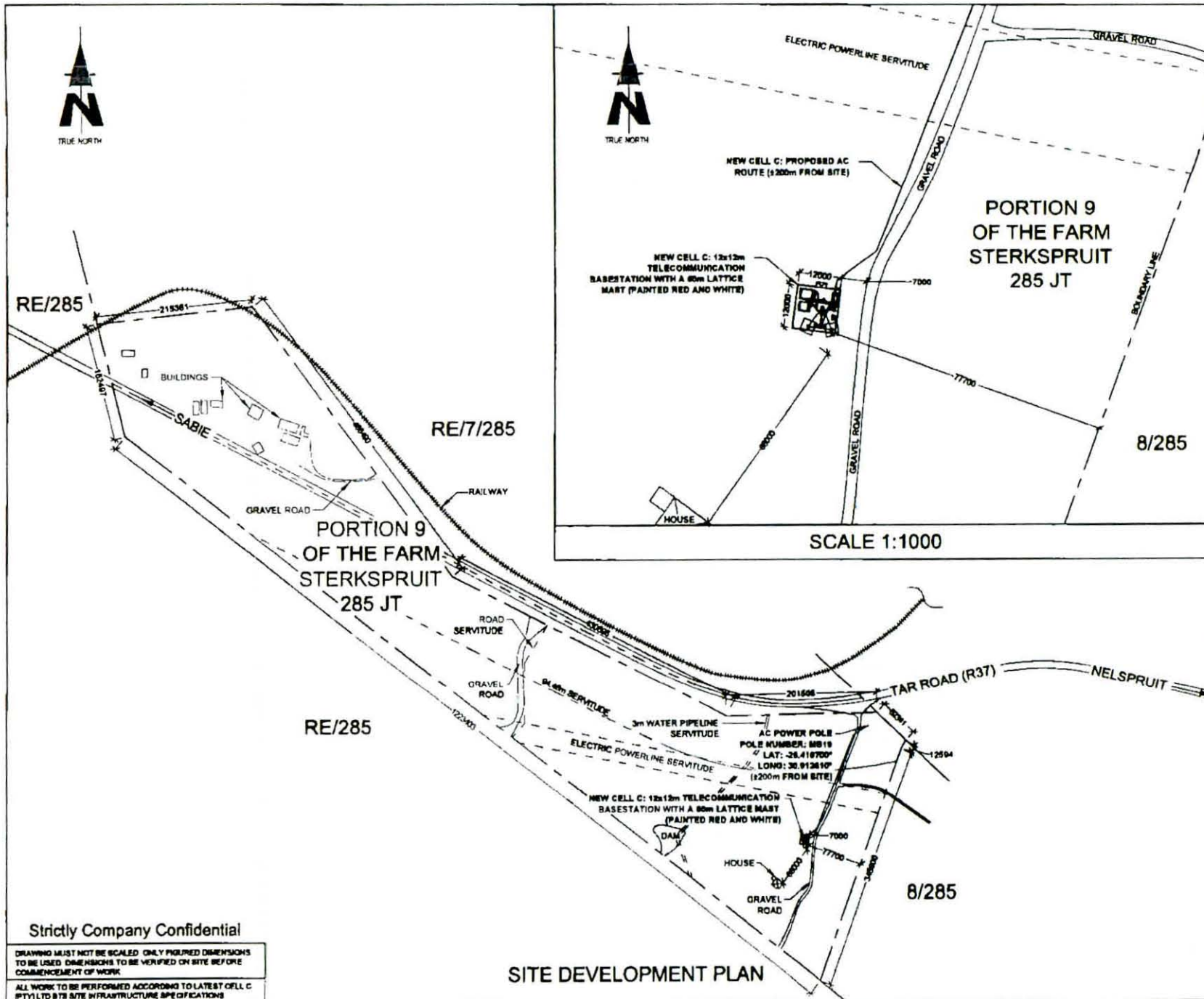
DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS

LOCALITY MAP







NO	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJECT
NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 90m LATTICE MAST FOR CELL C (PTY) LTD

DRAWN BY: LEANDRE HARMSE

PROPERTY DESCRIPTION
PORTION 9 OF THE FARM STERKSPRUIT 285 JT

OWNER
KIAAT & ROT'S BOERDERY CC

COORDINATES
LAT: -25 412235"
LONG: 30 911854"

APPROVALS:

CELL C RF PLANNER	Signature _____
	Date _____
CELL C IMPLEMENTATION	Signature _____
	Date _____
CELL C REAL ESTATE CO-ORDINATOR	Signature _____
	Date _____
CELL C ENGINEER	Name _____
	Signature _____
	Number _____

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Tel: +27 (11) 534 4000 Fax: +27 (11) 254 4401

Private Bag 208 Soweto
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Nokia Siemens Networks

18 Oak Avenue Highveld Techno Park Computer, Pretoria 0009

Tel: 012 678 2000

TORBIHOUSE SOLUTIONS

414 Ruyter Road Silverdale 9154
Tel: +27 (11) 804 1700 Fax: +27 (11) 804 7072

P.O. Box 53017 Tlokweng 0134

REVISION	SHEET NO	ISSUE	SCALE
0	3 OF 10	1	1:5000

SITE NO
9642

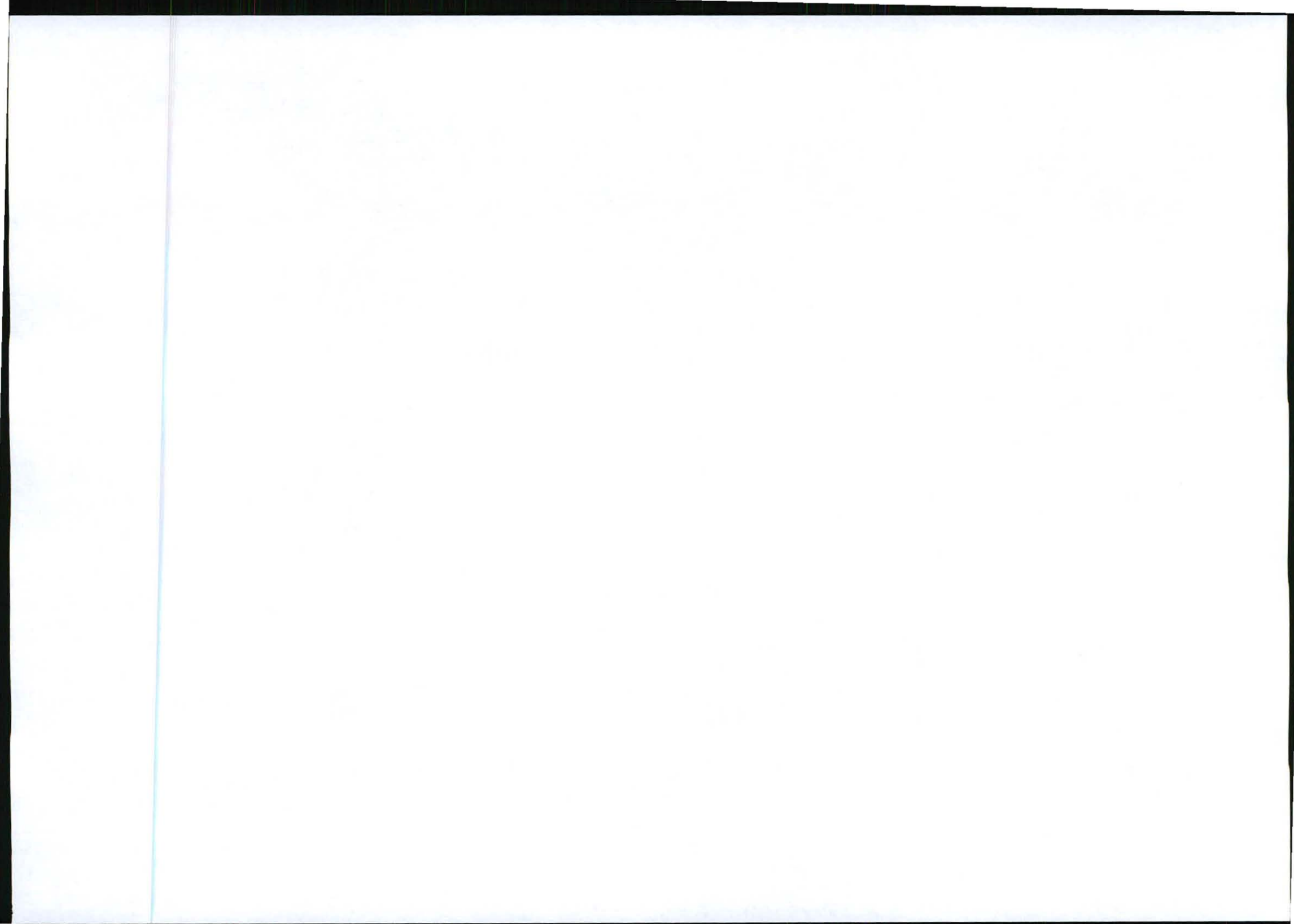
SITE NAME AND ADDRESS
MARATHON
OFF THE R37 (BETWEEN R40 & LYDENBURG)
±7.3km FROM R40,
STERKSPRUIT,
MPUMALANGA

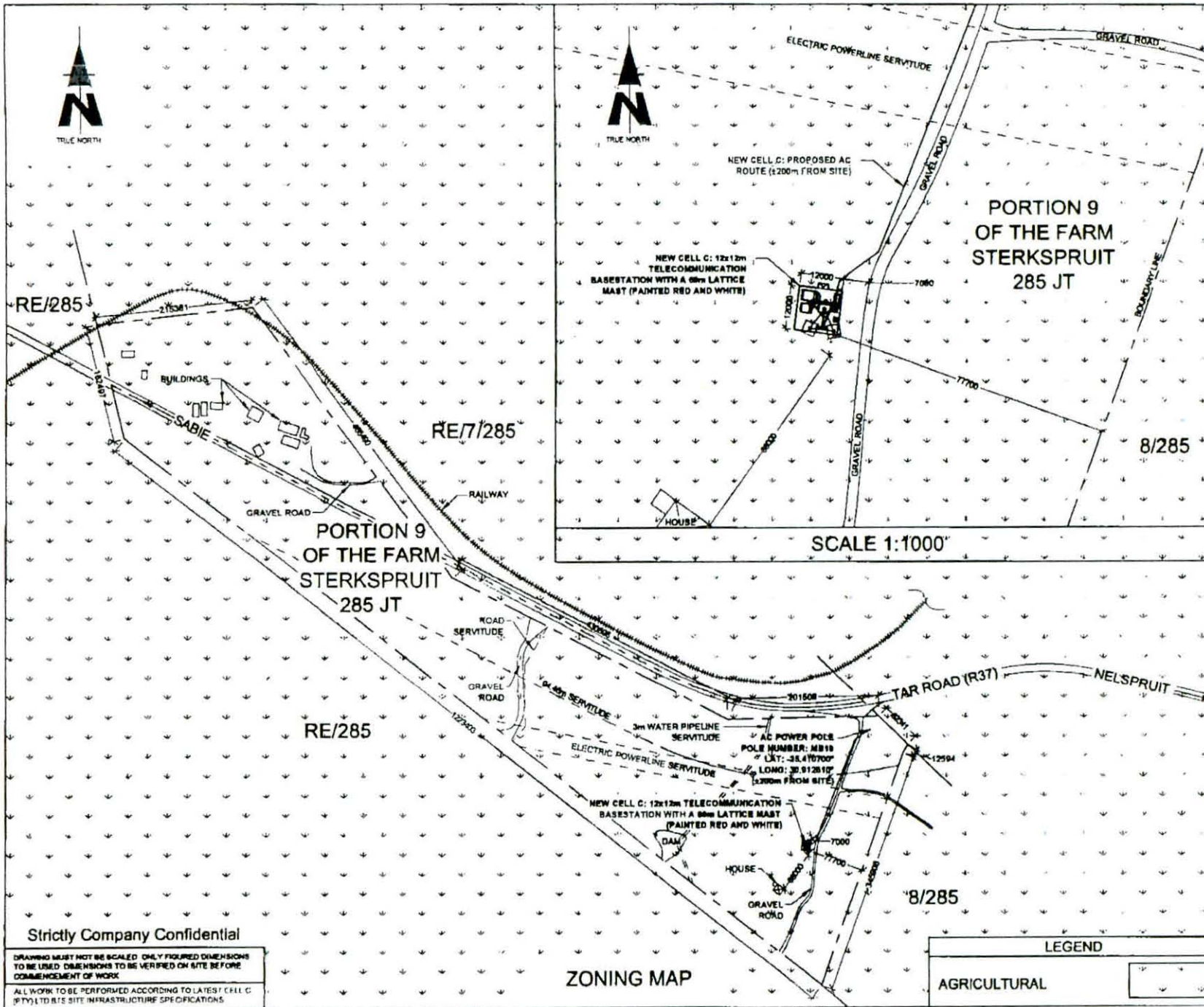
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ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS

SITE DEVELOPMENT PLAN





NO	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJECT
NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD

DRAWN BY LEANDRE HARMSE

PROPERTY DESCRIPTION
PORTION 9 OF THE FARM STERKSPRUIT 285 JT

OWNER
KHAAT & ROT'S BOERDERY CC

COORDINATES
LAT -25 41'23.5"
LONG 30 01'18.54"

APPROVALS:

CELL C RF PLANNER
Signature _____
Date _____

CELL C IMPLEMENTATION
Signature _____
Date _____

CELL C REAL ESTATE CO-ORDINATOR
Signature _____
Date _____

CELL C ENGINEER
Name _____
Signature _____
Number _____

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Market Office Park
150 Riebeeck Road
Sandton

Tel: +27 (11) 834 4000
Fax: +27 (11) 324 4401

Private Bag 136
Sandton
2010

Nokia Siemens Networks

82 Oak Avenue
Highveld Tambo Park
Cape Town, Western
Cape
7708

Tel: 012 670 2000

Consultant

TORBIROUSE SOLUTIONS

114 Riebeeck Road
Sandton
2014

Tel: +27 (11) 884 4040
Fax: +27 (11) 804 4072
info@torbiroouse.co.za

P.O. Box 32017
Fountain
2014

REVISION	SHEET NO	ISSUE	SCALE
0	4 OF 10	1	1:5000

SITE NO
8642

SITE NAME AND ADDRESS
MARATHON
OFF THE R37 (BETWEEN R40 & LYDENBURG)
27.3km FROM R40
STERKSPRUIT,
MPUMALANGA

LEGEND

AGRICULTURAL

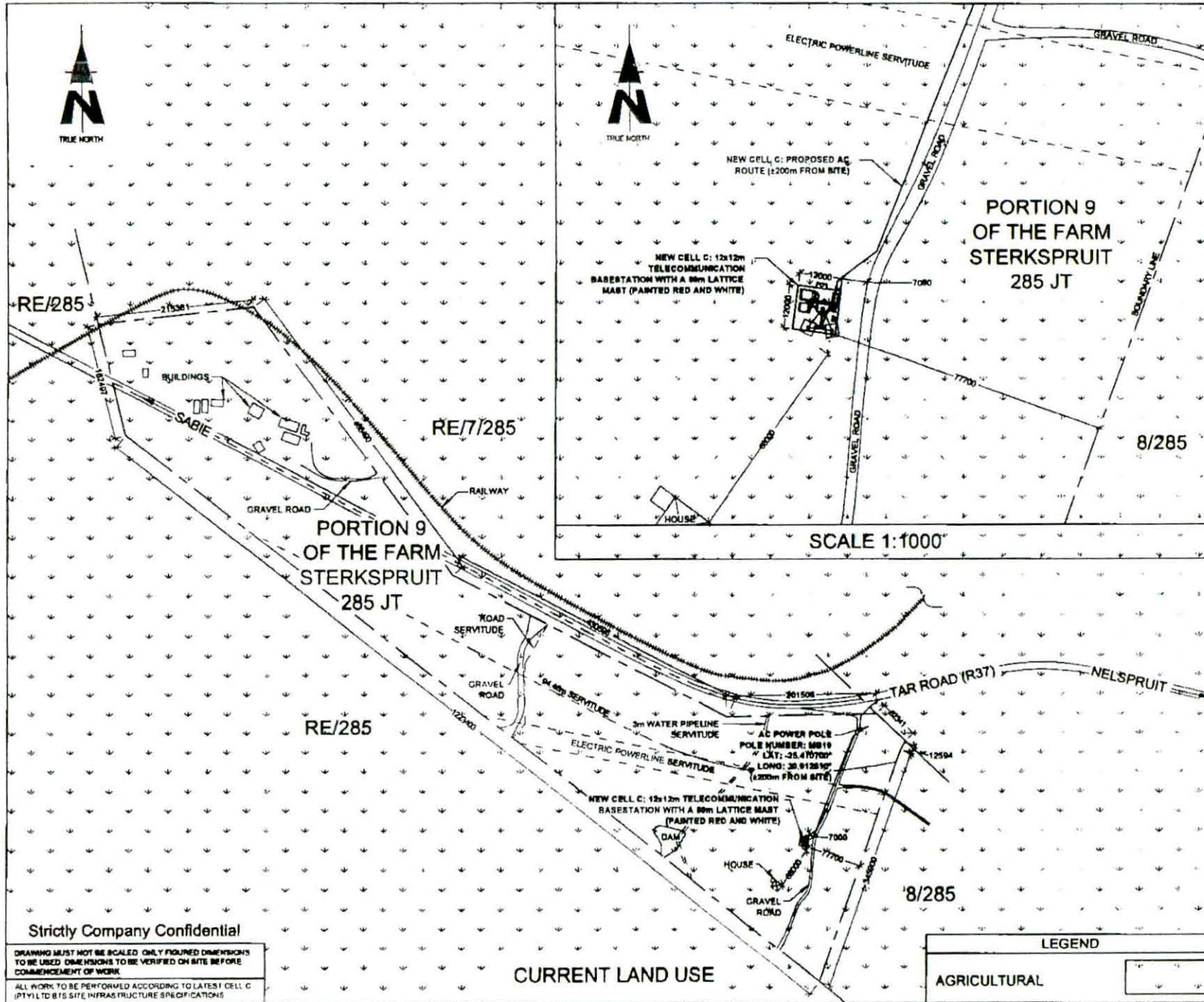
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ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS

ZONING MAP





NO	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJECT
NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD

DRAWN BY LEANDRE HARMSE
PROPERTY DESCRIPTION
PORTION 9 OF THE FARM STERKSPRUIT 285 JT

OWNER
KIAAT & ROT'S BOERDERY CC

COORDINATES
LAT -25 41'22"33"
LONG 30 9'11"65"4"

APPROVALS:

CELL C RF PLANNER
Signature _____
Date _____

CELL C IMPLEMENTATION
Signature _____
Date _____

CELL C REAL ESTATE CO-ORDINATOR
Signature _____
Date _____

CELL C ENGINEER
Name _____
Signature _____
Number _____

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Harlem Office Park 159 Rheinhof Road Sandton
Tel: +27 (11) 324 4000 Fax: +27 (11) 324 4401
Pretoria Bay 839 Roseville 2010

Nokia Siemens Networks

82 Oak Avenue
Highveld Techno Park
Constitution, Pretoria 0048
Tel: 012 670 3050

Consultant

TORRHOUSE SOLUTIONS

414 Ruyter Street Sandton
Tel: +27 (11) 804 18048 Fax: +27 (11) 804 7072
P.O. Box 32617 Torranceville 2013

REVISION	SHEET NO	ISSUE	SCALE
0	5 OF 10	1	1:5000

SITE NO
9642

SITE NAME AND ADDRESS
MARATHON
OFF THE R37 (BETWEEN R40 & LYDENBURG)
± 7.3km FROM R40
STERKSPRUIT,
MPUMALANGA

Strictly Company Confidential

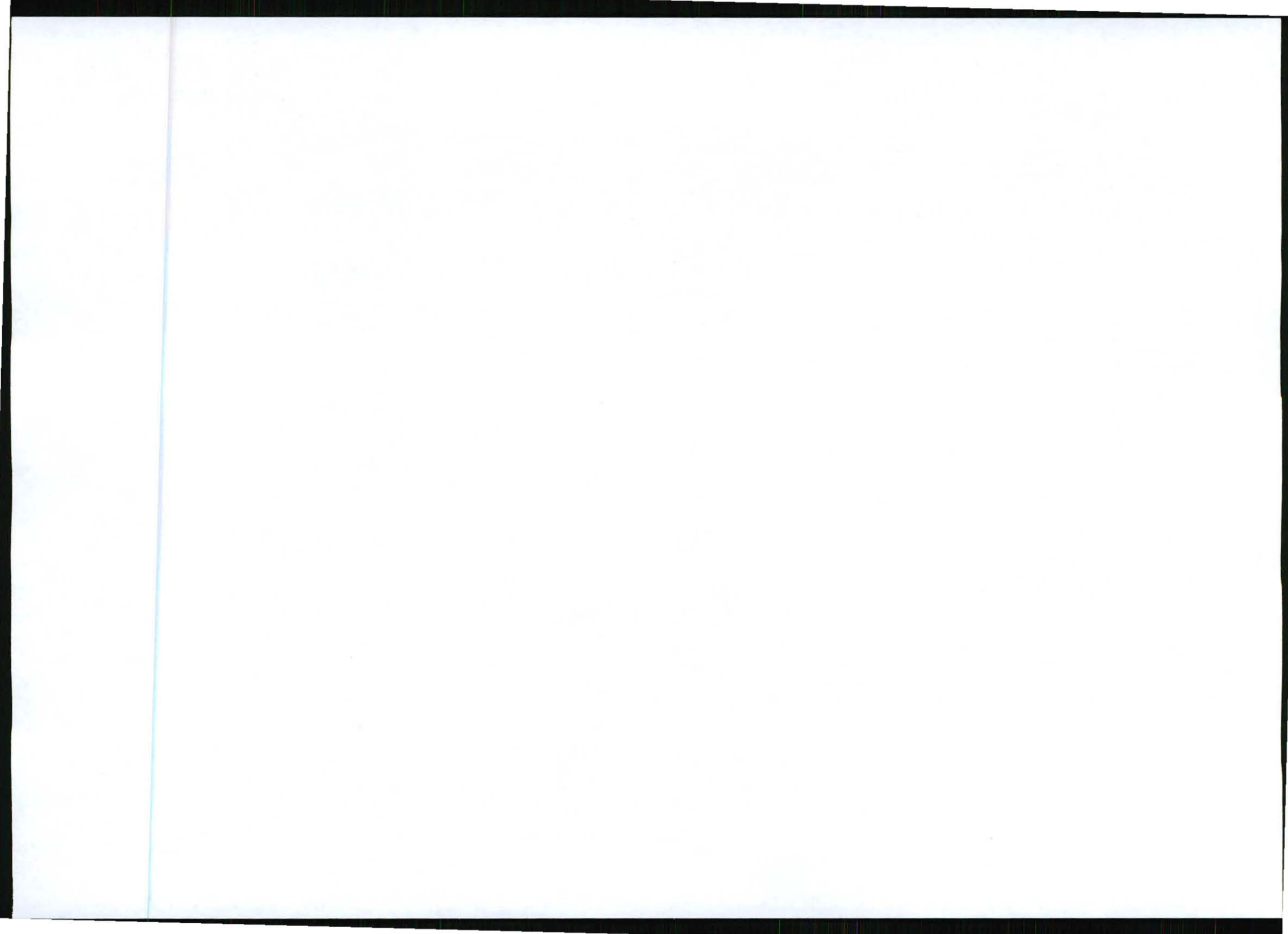
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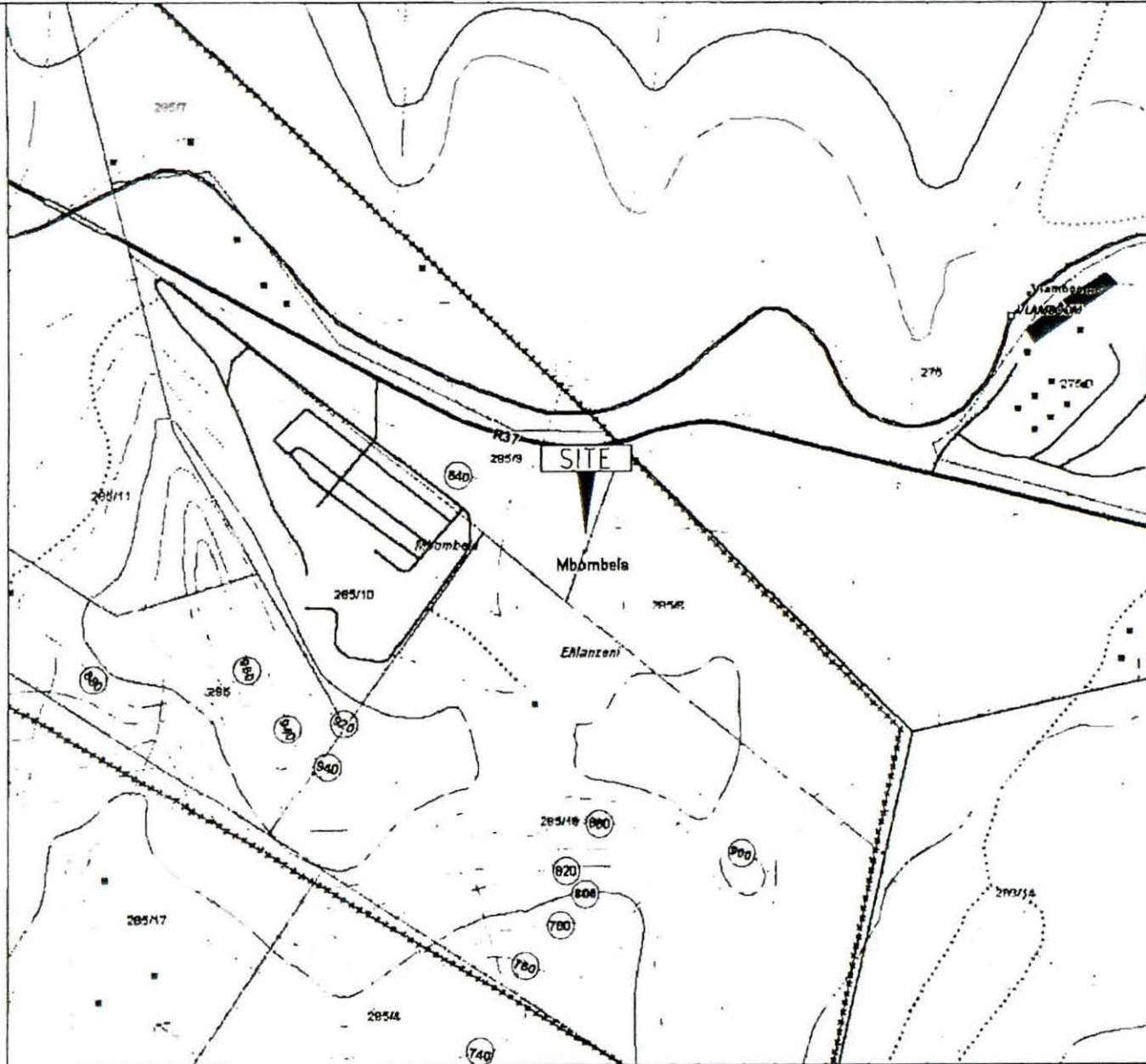
ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD'S SITE INFRASTRUCTURE SPECIFICATIONS.

CURRENT LAND USE

LEGEND

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





NO	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJECT
NEW 12x12m TELECOMMUNICATION BASESTATION
WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD

DRAWN BY LEANDRE HARMSE
PROPERTY DESCRIPTION
PORTION 9 OF THE FARM STERKSPRUIT 285 JT

OWNER
KIAAT & ROTTS BOERDERY CC

COORDINATES
LAT -25 412235"
LONG 30 911654"

APPROVALS:

CELL C RF PLANNER
Signature _____
Date _____

CELL C IMPLEMENTATION
Signature _____
Date _____

CELL C REAL ESTATE CO-ORDINATOR
Signature _____
Date _____

CELL C ENGINEER
Name _____
Signature _____
Number _____



Marathon Office Park
181 Wilton Road
Bertoni
Tel: +27 (11) 234 4200
Fax: +27 (11) 234 4201
Private Bag 1256
Somerset West
7800



03 Oak Avenue
Highveld Techno Park
Constitution Precinct
2009
Tel: 011 676 2000



414 Bunkle Road
Morningside
2014
Tel: +27 (11) 854 1304/8
Fax: +27 (11) 854 1021
sales@torbhouse.com
P.O. Box 20117
Tollfree
0134

REVISION	SHEET NO	ISSUE	SCALE
0	6 OF 10	1	NTS

SITE NO
9842

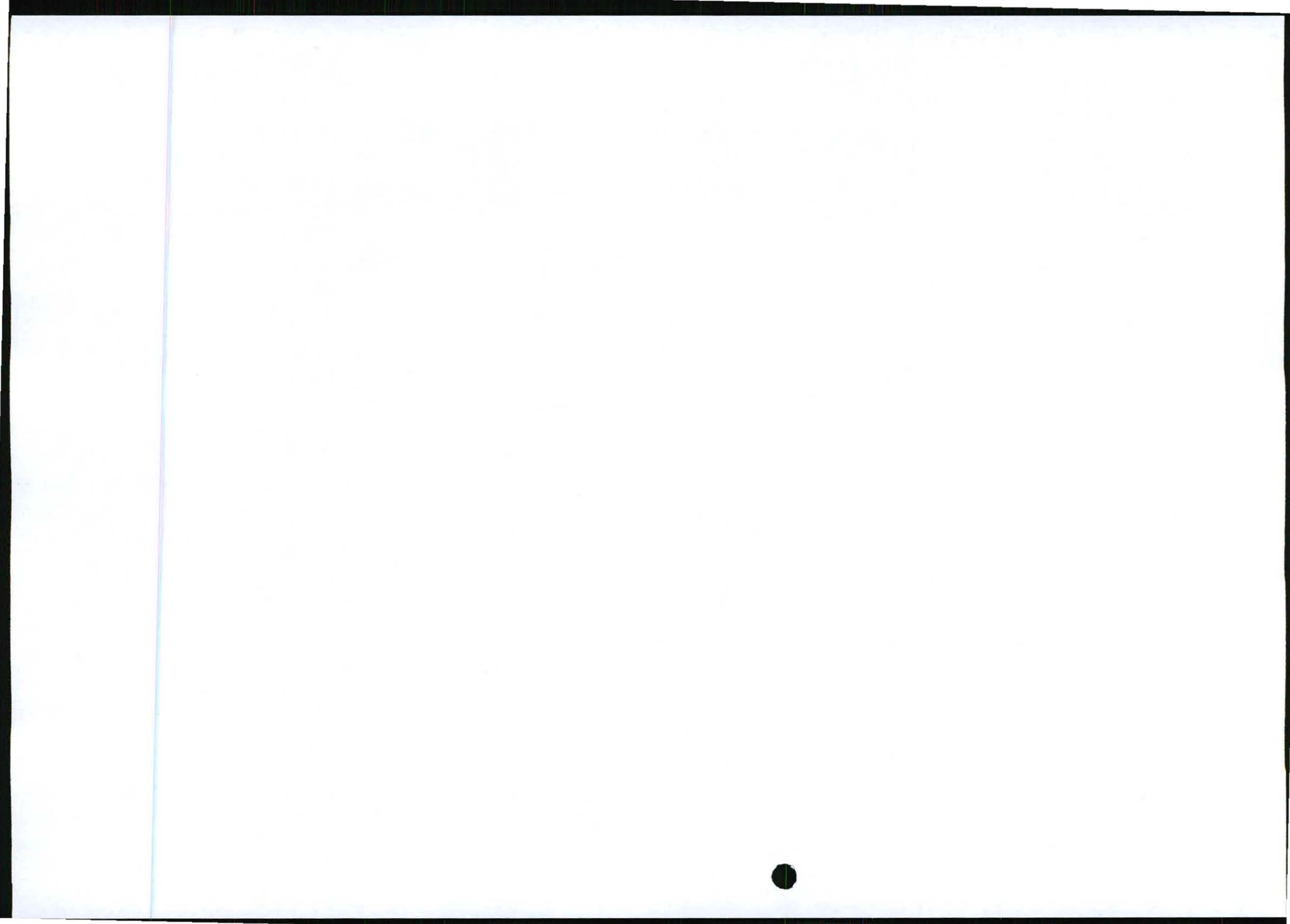
SITE NAME AND ADDRESS
MARATHON
OFF THE R37 (BETWEEN R40 & LYDENBURG),
±7.5km FROM R40,
STERKSPRUIT
MPUMALANGA

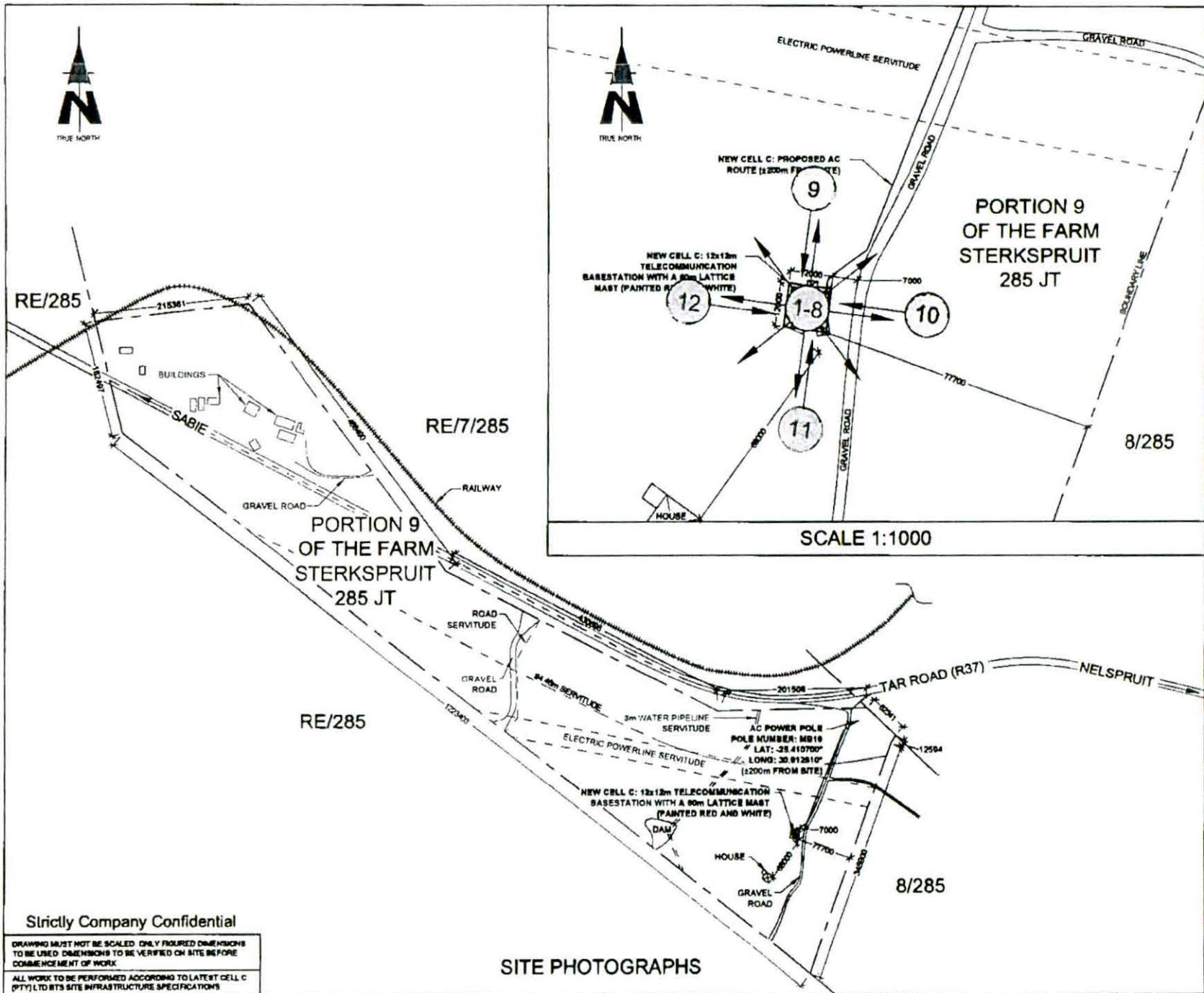
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COMMENCEMENT OF WORK

ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C
(PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS

CONTOUR INTERVAL





NO	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJECT
 NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD

DRAWN BY LEANDRE HARMSE

PROPERTY DESCRIPTION
 PORTION 9 OF THE FARM STERKSPRUIT 285 JT

OWNER
 KIAAT & ROT'S BOERDERY CC

COORDINATES
 LAT -25 412235"
 LONG 30 911954"

APPROVALS:

CELL C RF PLANNER
 Signature _____
 Date _____

CELL C IMPLEMENTATION
 Signature _____
 Date _____

CELL C REAL ESTATE CO-ORDINATOR
 Signature _____
 Date _____

CELL C ENGINEER
 Name _____
 Signature _____
 Number _____

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Nokia Siemens Networks

90 Oak Avenue Highveld Techno Park Concession, Pretoria 2008
 Tel: 012 676 2000

Consultant

TORBIOUSE SOLUTIONS

214 Dunder Street Silverdale 0184
 Tel: +27 (11) 824 1048 Fax: +27 (11) 824 1072
 P.O. Box 32017 Johannesburg 20134
 Email: info@torbiouse.com

REVISION	SHEET NO	ISSUE	SCALE
0	7 OF 10	1	1:5000

SITE NO
9842

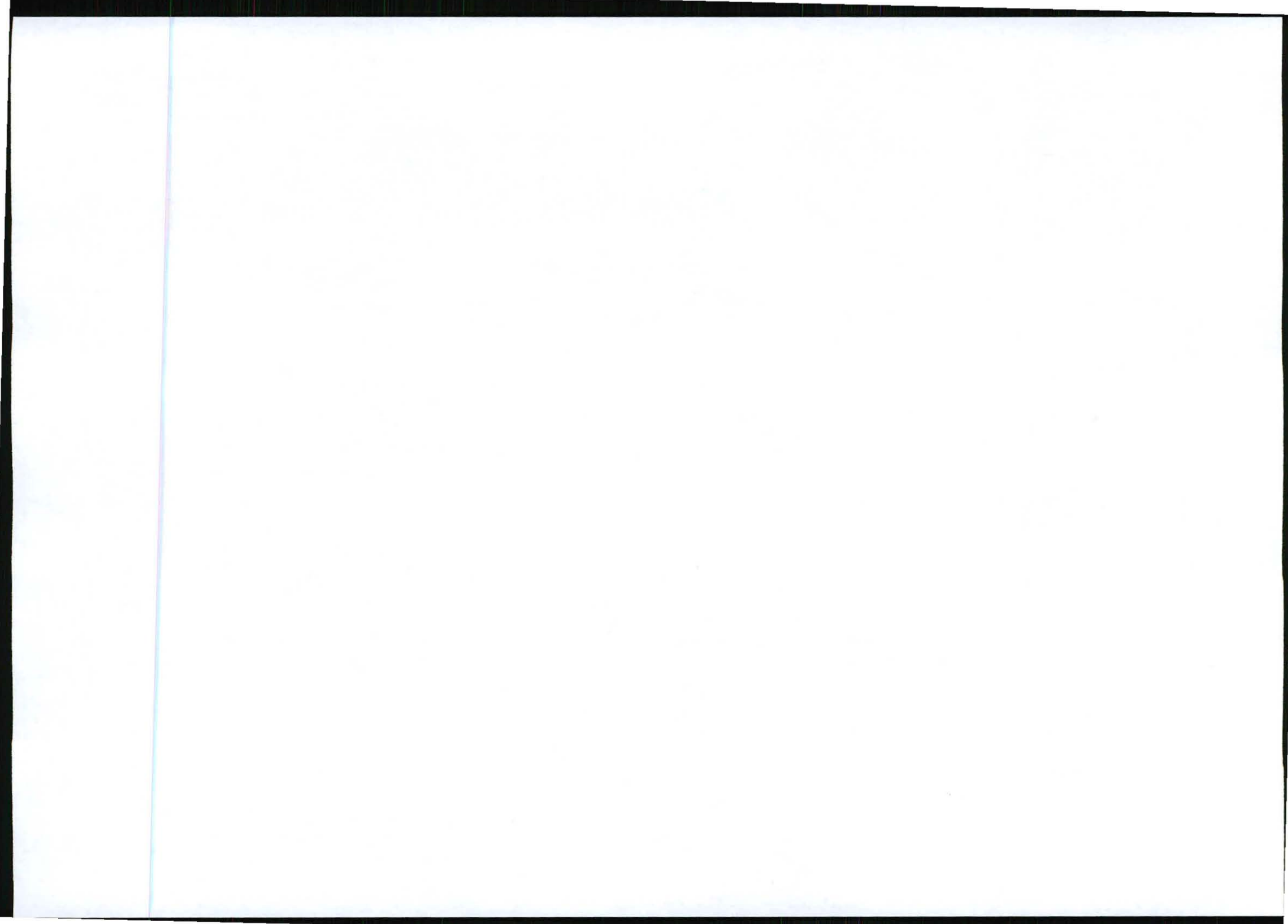
SITE NAME AND ADDRESS
MARATHON
 OFF THE R37 (BETWEEN R40 & LYDENBURG)
 ±7.3km FROM R40
 STERKSPRUIT,
 MPLJMALANGA

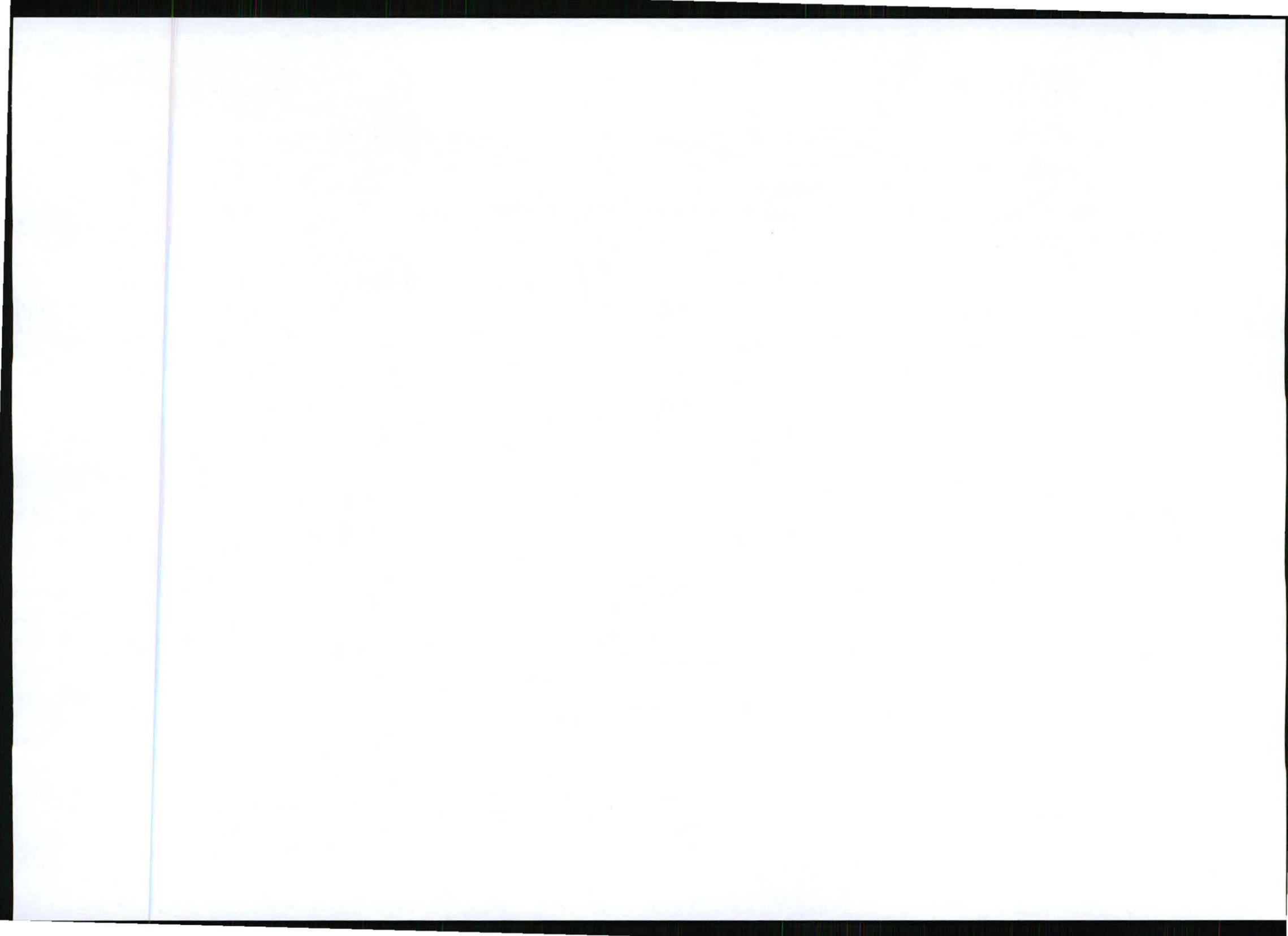
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ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS.

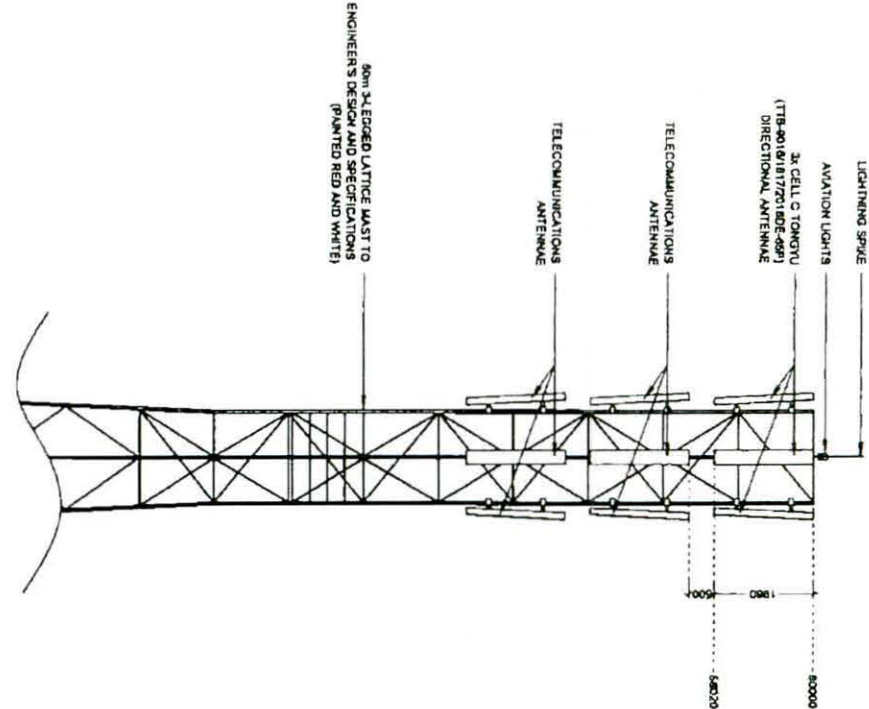
SITE PHOTOGRAPHS



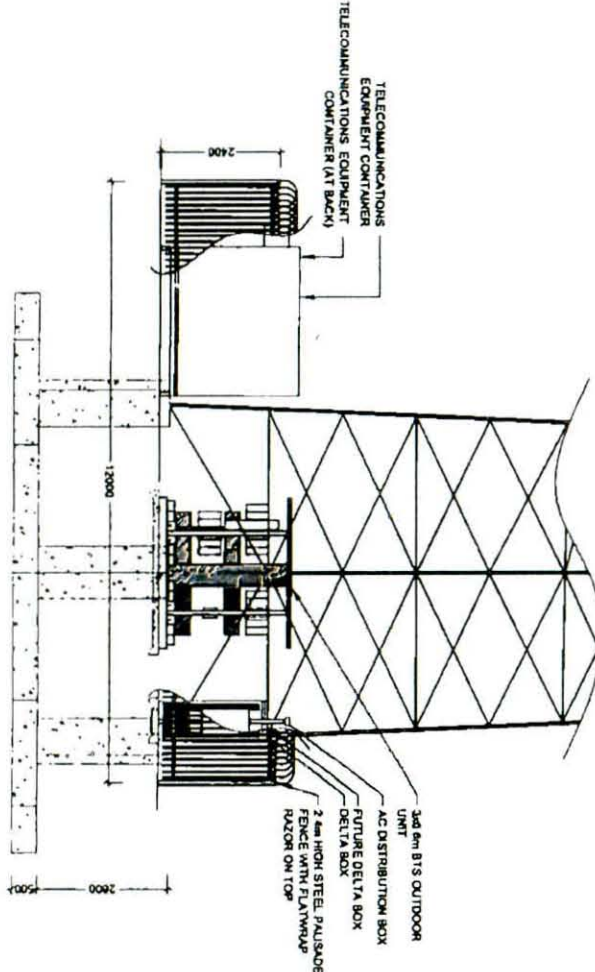


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 DIMENSIONS TO BE USED UNLESS OTHERWISE SPECIFIED.
 ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C
 INFRASTRUCTURE SPECIFICATIONS.

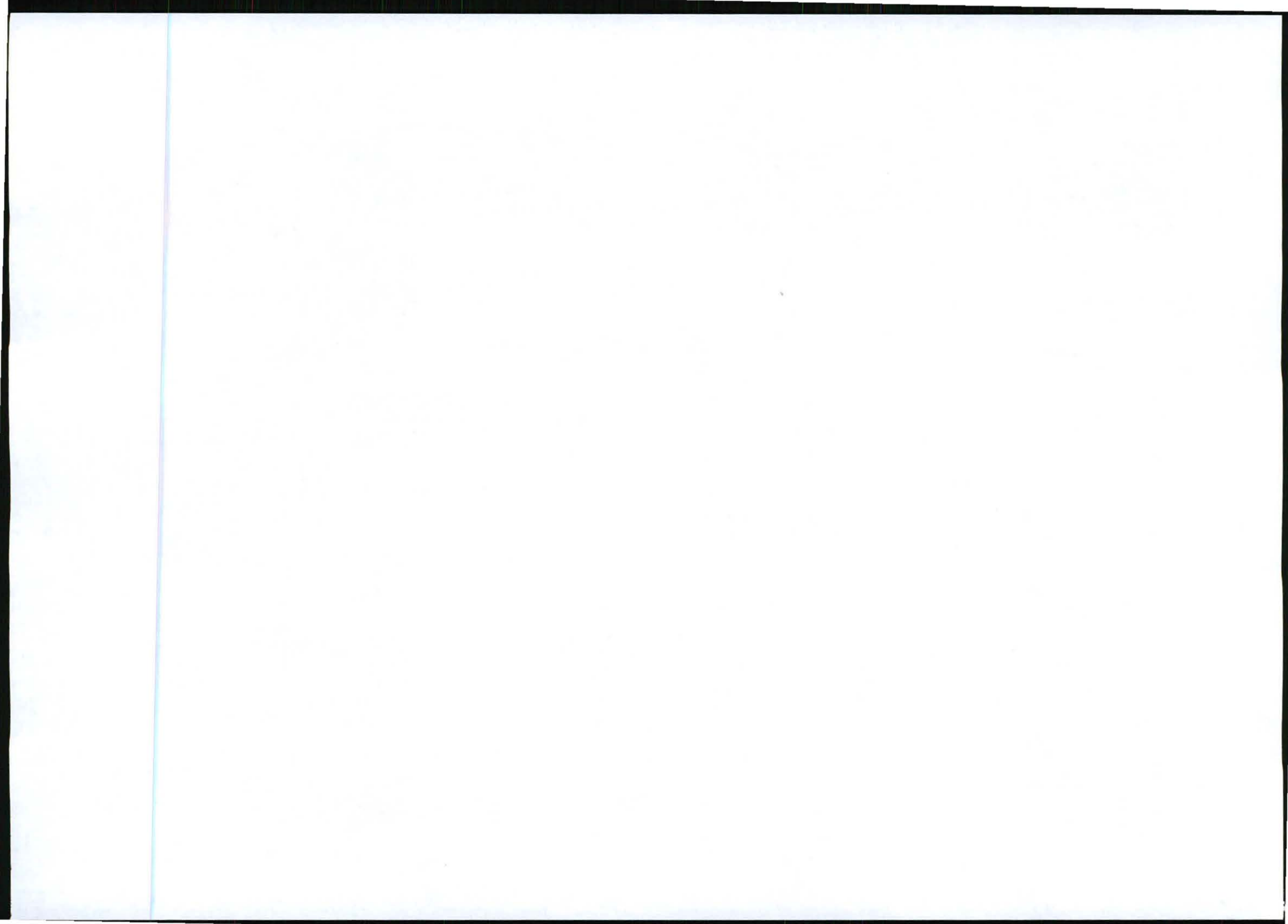
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2	137°	TONGVU (TTB-0016/1817/2018DE-65P)	58.02			5.83
3	257°	TONGVU (TTB-0016/1817/2018DE-65P)	58.02			5.83

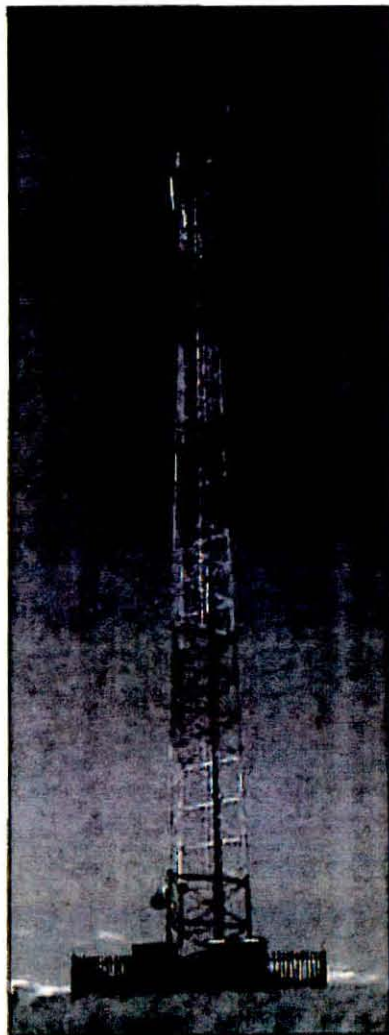


SOUTH ELEVATION




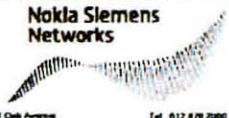

NO	DATE	DESCRIPTION
0	07/11/2014	FIRST ISSUE
PROJECT		
NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD		
DRAWN BY LEANDRE HARMSE		
PROPERTY DESCRIPTION		
PORTION 9 OF THE FARM STEKSPRUIT 256 JF		
OWNER		
KIAAT & ROTIS BORDERS CC		
COORDINATES		
LONGS 30 81654'		
LAT -25 41235'		
APPROVALS:		
CELL C RF PLANNER	Signature	Date
CELL C IMPLEMENTATION	Signature	Date
CELL C REAL ESTATE COORDINATOR	Signature	Date
CELL C ENGINEER	Signature	Date
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www.cellco.za		
Nokia Siemens Networks		
15 Oak Avenue, 15th Floor, Sandton, 2013, Johannesburg, South Africa. Tel: 011 788 3000		
Consulting		
TORBHOUSE SOLUTIONS		
116 Roper Road, P O Box 32017, Sandton, Johannesburg, Tel: +27 (11) 804 8048, Fax: +27 (11) 804 8073, Email: info@torbhouse.com		
REVISION		
SHEET NO	ISSUE	SCALE
0	1	1:100
SITE NO		
942		
SITE NAME AND ADDRESS		
MARATHON STEKSPRUIT, 17 3km FROM R44, OFF THE R37 BETWEEN R40 & LYDENBURG, KAPENBURG, WESTERN CAPE		





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

FACILITY ILLUSTRATION

NO	DATE	DESCRIPTION	
0	07/11/2011	FIRST ISSUE	
PROJECT NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD			
DRAWN BY LEANDRE HARMSE			
PROPERTY DESCRIPTION PORTION 0 OF THE FARM STERKSPRUIT 265 JT			
OWNER KIAAT & ROT'S BOERDERY CC			
COORDINATES LAT -25 412235" LONG 30 011654"			
APPROVALS:			
CELL C RF PLANNER Signature _____ Date _____			
CELL C IMPLEMENTATION Signature _____ Date _____			
CELL C REAL ESTATE CO-ORDINATOR Signature _____ Date _____			
CELL C ENGINEER Name _____ Signature _____ Number _____			
 <p>CELL CTM THE POWER IS IN YOUR HANDS www.cellc.co.za</p>			
<p>Simon Office Park 150 Riverside Road Sandton Tel: +27 (11) 804 4200 Fax: +27 (11) 324 4401 Pretoria Bag 836 Sandton 2010</p>			
 <p>Nokia Siemens Networks 80 Oak Avenue Highveld Techno Park Conventer, Pretoria 0008 Tel: 012 678 2000</p>			
<p>Consultant</p>  <p>TORBIOUSE SOLUTIONS 414 Randa Road Silverdale 0184 Tel: +27 (12) 804 1940 Fax: +27 (12) 804 1072 P.O. Box 82017 Tlokweng 0154 torbio@torbio.com.au</p>			
REVISION	SHEET NO	ISSUE	SCALE
0	10 OF 10	1	NTS
SITE NO 8642			
SITE NAME AND ADDRESS MARATHON OFF THE R37 (BETWEEN R40 & LYDENBURG), J7 3km FROM R40 STERKSPRUIT MPUMALANGA			

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ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD BYTS SITE INFRASTRUCTURE SPECIFICATIONS



Destination	Start Time	Time	Prints	Result	Note
0137598539	01-19 12:59	00:04:39	011/011	OK	

Note TX: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,
 MX: Mixed Origins TX, CALL: Manual TX, CSRC: CSRC, FWD: Forward, PC: PC-Fax,
 BND: Double-Sided Binding Direction, SP: Special original, FCODE: F-code, RTX: Re-TX,
 RL: Relay, 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.



INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated
 414 Rustic Road, Silvertondale, 0184
 PO Box 32017, Tembisa, 0134
 e-mail: admin@infoplan.co.za

Reg. No. 2001/014338/21
 Tel. (012) 804 1504/8
 Fax (012) 804 7072

Our Reference:
 0642 / 17/2/3/E-109

Your Reference:

19 January 2012

The Municipal Manager
 Ehlanzeni District Municipality
 P O Box 3333
 Nelspruit
 1200

Attention: Adv H Mbatha
 Environmental Management Section

Fax: (013) 750 8539

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) II (bb), (cc) and (ee) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 9 OF THE FARM STERKSPRUIT 285 JT.

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,

M Niehof
 M NIEHOF
 For: Vukani IPS Inc.

Comments:





INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated

Reg. No. 2001/014235/21

414 Rustic Road, Silvertondale, 0184

Tel. (012) 804 1504/6

PO Box 32017, Totiusdal, 0134

Fax (012) 804 7072

e-mail: admin@infraplan.co.za

Our Reference:
9642 / 17/2/3/E-109

Your Reference:

19 January 2012

The Municipal Manager
Ehlanzeni District Municipality
P O Box 3333
Nelspruit
1200

Attention: Adv H Mbatha
Environmental Management Section

Fax: (013) 759 8539

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (bb), (cc) and (ee) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 9 OF THE FARM STERKSPRUIT 285 JT.

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

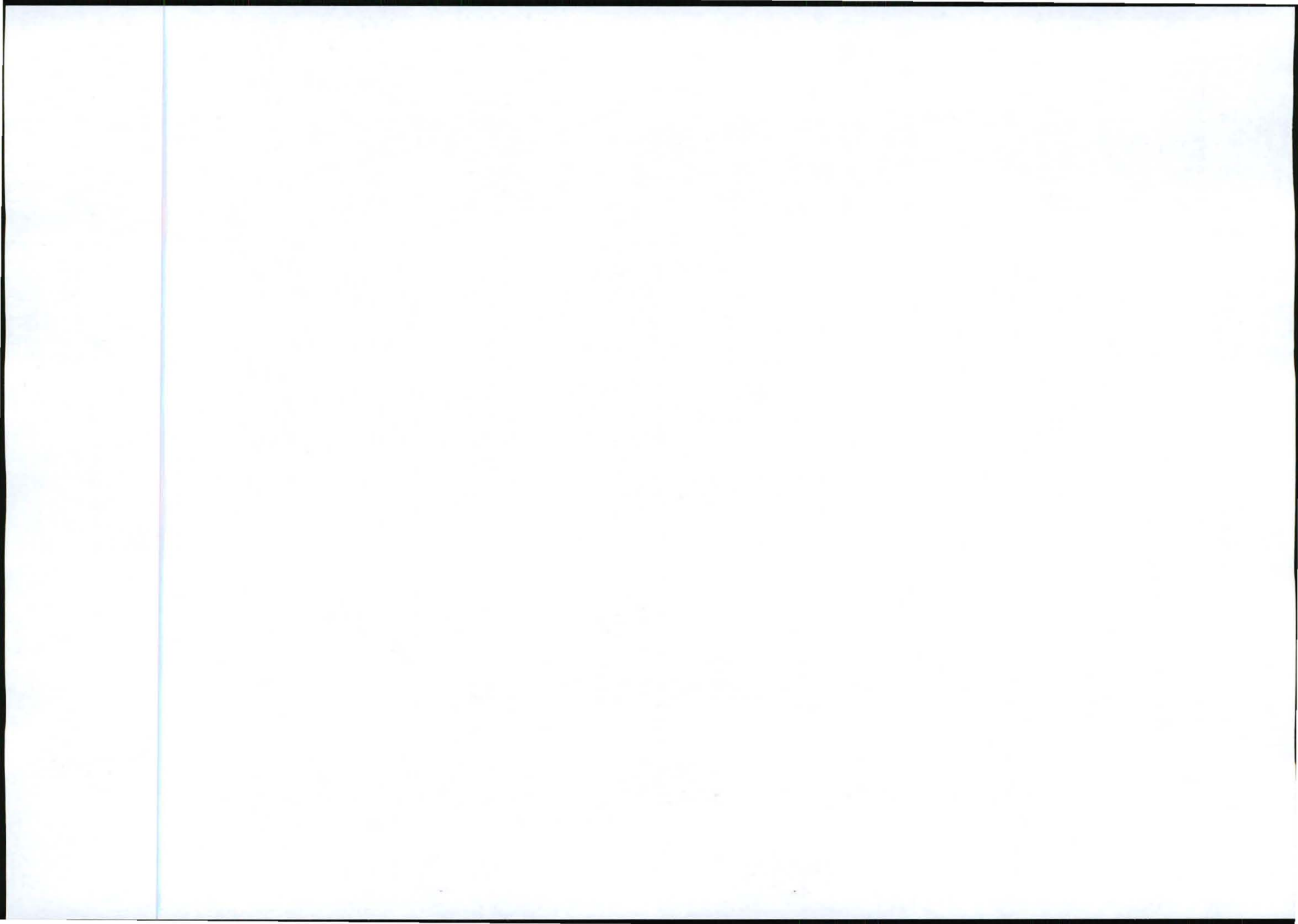
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application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

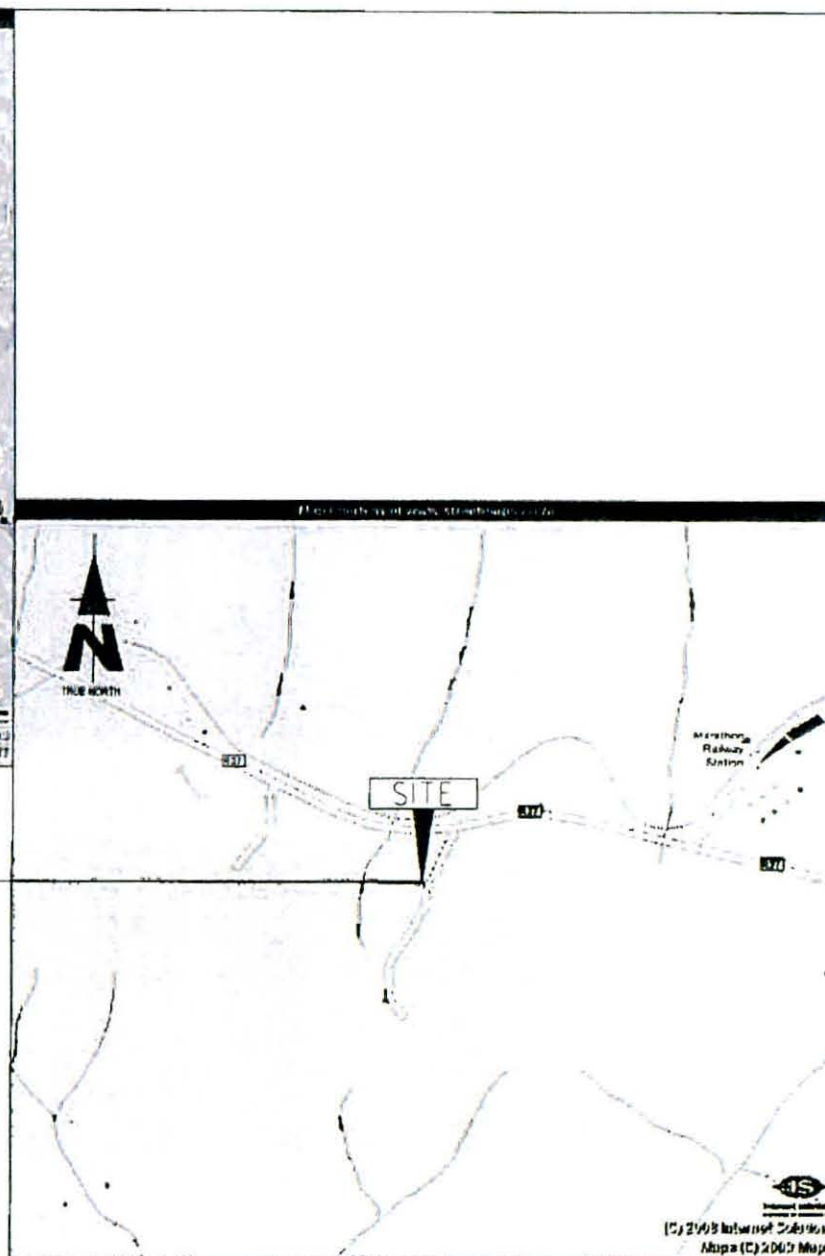
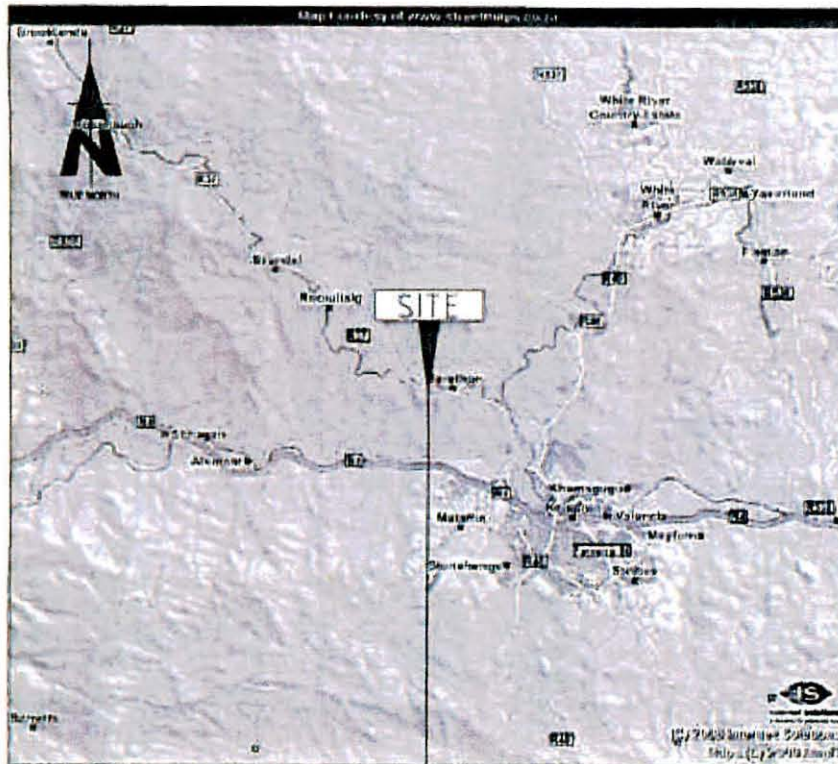
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

M NIEHOF
For: Vukani IPS Inc.

Comments:





9642
MARATHON

NO	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJECT
NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD

DRAWN BY LEANDRE HARMSE
PROPERTY DESCRIPTION
PORTION 0 OF THE FARM STERKSPRUIT 285 JT

OWNER
KHAAT & ROT'S BOERDERY CC

COORDINATES
LAT -25 41233"
LONG 30 011654"

APPROVALS:
CELL C RF PLANNER
Signature _____
Date _____

CELL C IMPLEMENTATION
Signature _____
Date _____

CELL C REAL ESTATE CO-ORDINATOR
Signature _____
Date _____

CELL C ENGINEER
Name _____
Signature _____
Number _____

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Mobile Office Park 100 Klipfontein Road Sandton
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Private Bag 234 Roseville 2016

Nokia Siemens Networks

32 Oak Avenue Highveld Techno Park Concession, Pretoria 0048
Tel: 012 678 2000

Consultants

TORBIOUSE SOLUTIONS

416 Roodenies Road Sandtonville 2184
Tel: +27 (11) 804 19048 Fax: +27 (11) 804 3073
P.O. Box 52017 Johannesburg 20184
torbio@torbio.co.za

REVISION	SHEET NO	ISSUE	SCALE
0	1 OF 10	1	NTS

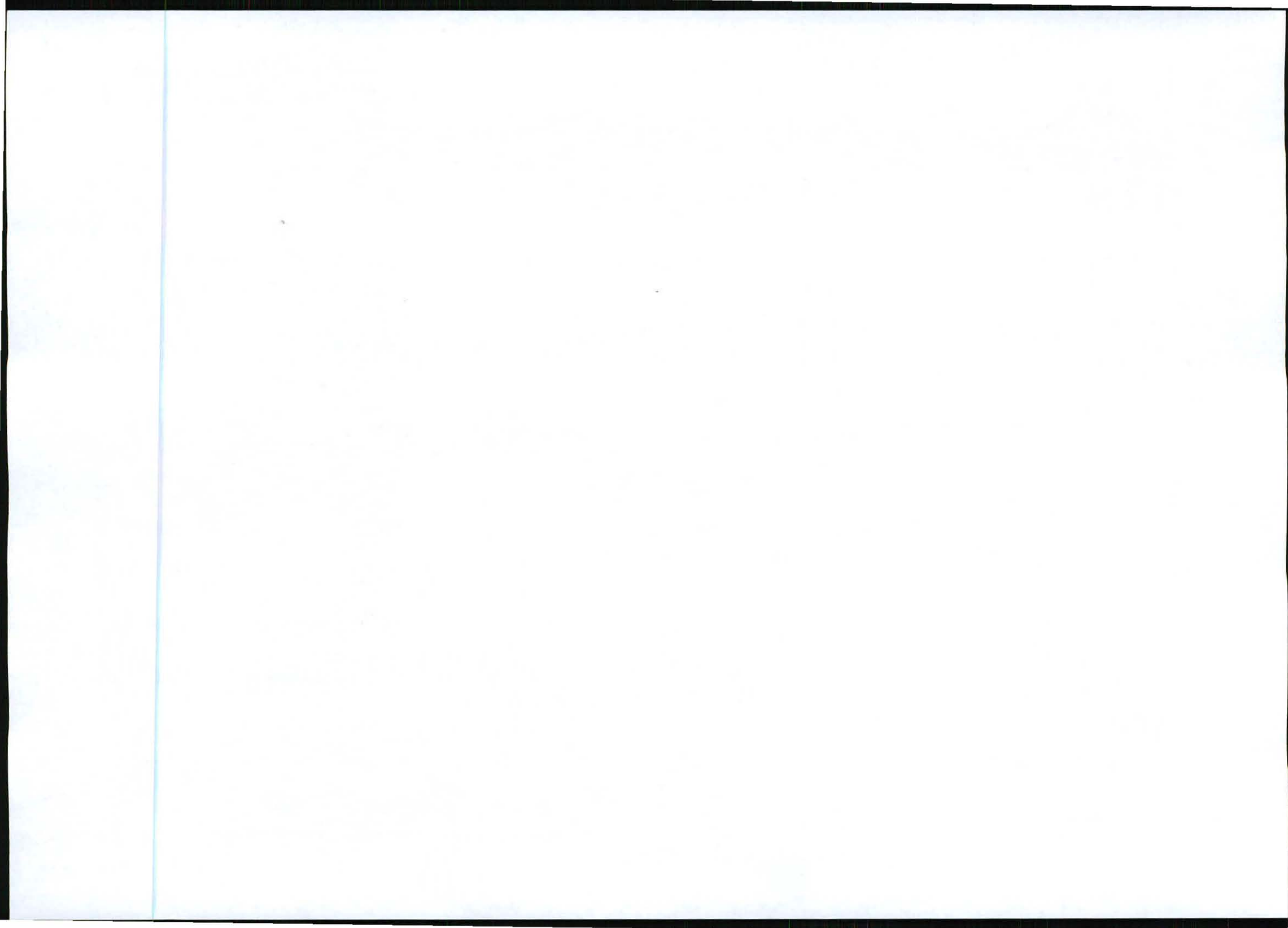
SITE NO
9642
SITE NAME AND ADDRESS
MARATHON
OFF THE R37 BETWEEN R40 & LYDENBURG)
±7.3km FROM R40,
STERKSPRUIT,
MPUMALANGA

Strictly Company Confidential

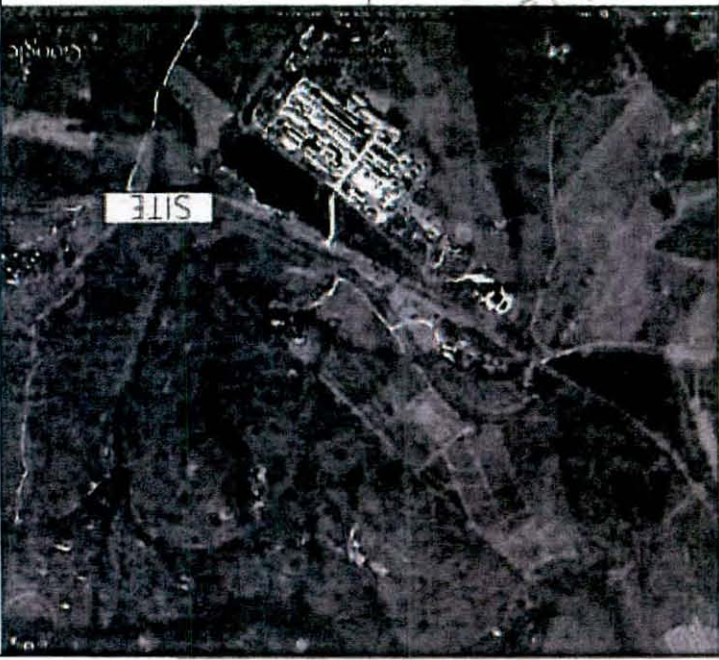
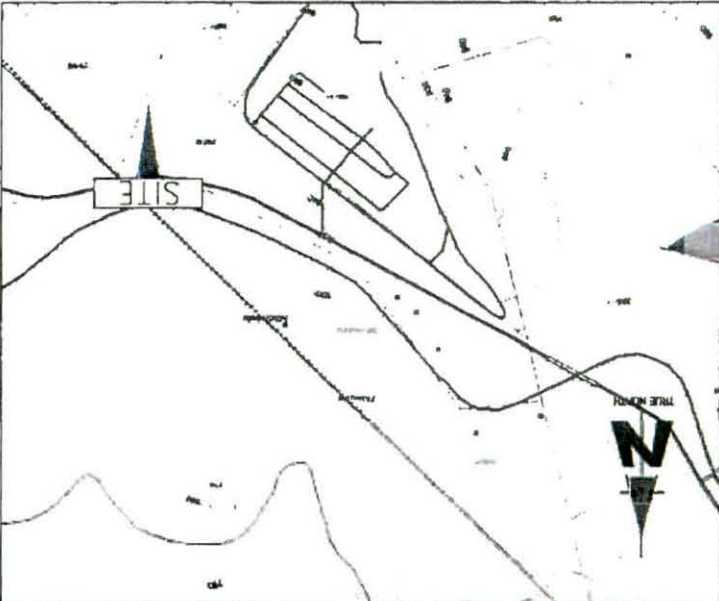
DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS

LOCALITY MAP

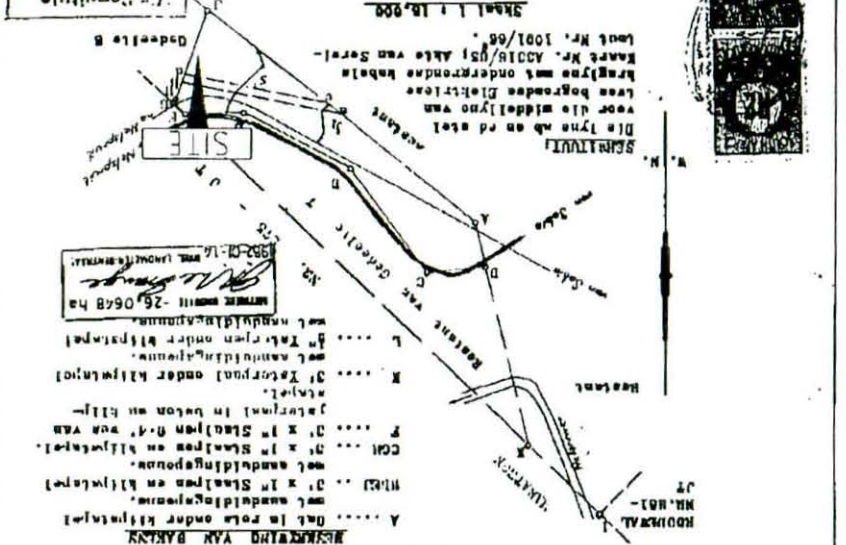


STRICTLY COMPANY CONFIDENTIAL
 DRAWINGS NOT TO BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO IAN 217 CELL C FM 110 SITE INFRASTRUCTURE SPECIFICATIONS.



CADASTRAL INFO

De figuur A B C D E F G H I J K L M N O P Q R S T U V W X Y Z is afgeleid van de kadastrale kaart van de gemeente STREKSTADT N.M. 1893 - 1 I. De figuur A B C D E F G H I J K L M N O P Q R S T U V W X Y Z is afgeleid van de kadastrale kaart van de gemeente STREKSTADT N.M. 1893 - 1 I. De figuur A B C D E F G H I J K L M N O P Q R S T U V W X Y Z is afgeleid van de kadastrale kaart van de gemeente STREKSTADT N.M. 1893 - 1 I.



ONDERVENDBLIJCKKAART

BYE	BIJTOEG.	KWANTUM	HOEK	HOOGTE	OPM.
AV	166-11-00	17804-1	17804-1	17804-1	17804-1
BC	166-11-00	17804-1	17804-1	17804-1	17804-1
CD	166-11-00	17804-1	17804-1	17804-1	17804-1
DE	166-11-00	17804-1	17804-1	17804-1	17804-1
EF	166-11-00	17804-1	17804-1	17804-1	17804-1
FG	166-11-00	17804-1	17804-1	17804-1	17804-1
GH	166-11-00	17804-1	17804-1	17804-1	17804-1
HI	166-11-00	17804-1	17804-1	17804-1	17804-1
IJ	166-11-00	17804-1	17804-1	17804-1	17804-1
JK	166-11-00	17804-1	17804-1	17804-1	17804-1
KL	166-11-00	17804-1	17804-1	17804-1	17804-1
LM	166-11-00	17804-1	17804-1	17804-1	17804-1
NO	166-11-00	17804-1	17804-1	17804-1	17804-1
OP	166-11-00	17804-1	17804-1	17804-1	17804-1
PQ	166-11-00	17804-1	17804-1	17804-1	17804-1
QR	166-11-00	17804-1	17804-1	17804-1	17804-1
RS	166-11-00	17804-1	17804-1	17804-1	17804-1
ST	166-11-00	17804-1	17804-1	17804-1	17804-1
TU	166-11-00	17804-1	17804-1	17804-1	17804-1
VW	166-11-00	17804-1	17804-1	17804-1	17804-1
XY	166-11-00	17804-1	17804-1	17804-1	17804-1
Z	166-11-00	17804-1	17804-1	17804-1	17804-1

NO DATE DESCRIPTION

0 07/1/2011 FIRST ISSUE

PROJECT: NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD

DRAWN BY: LEANDRE HARRIS

APPROVED BY: [Signature]

DATE: 26-11-1999

GENERAL: PORTION 9 OF THE FARM STERKSPRUIT 265 JT

OWNER: KWIAT & ROTHS BOERDERY CC

COORDINATE: LAT: 29.42235, LONG: 30.81954

APPROVALS:

CELL C RF PLANNER: [Signature]

CELL C RF IMPLEMENTATION: [Signature]

CELL C REAL ESTATE CO-ORDINATOR: [Signature]

CELL C ENGINEER: [Signature]

NAME: [Blank]

NUMBER: [Blank]

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CELL C

Nokia Siemens Networks

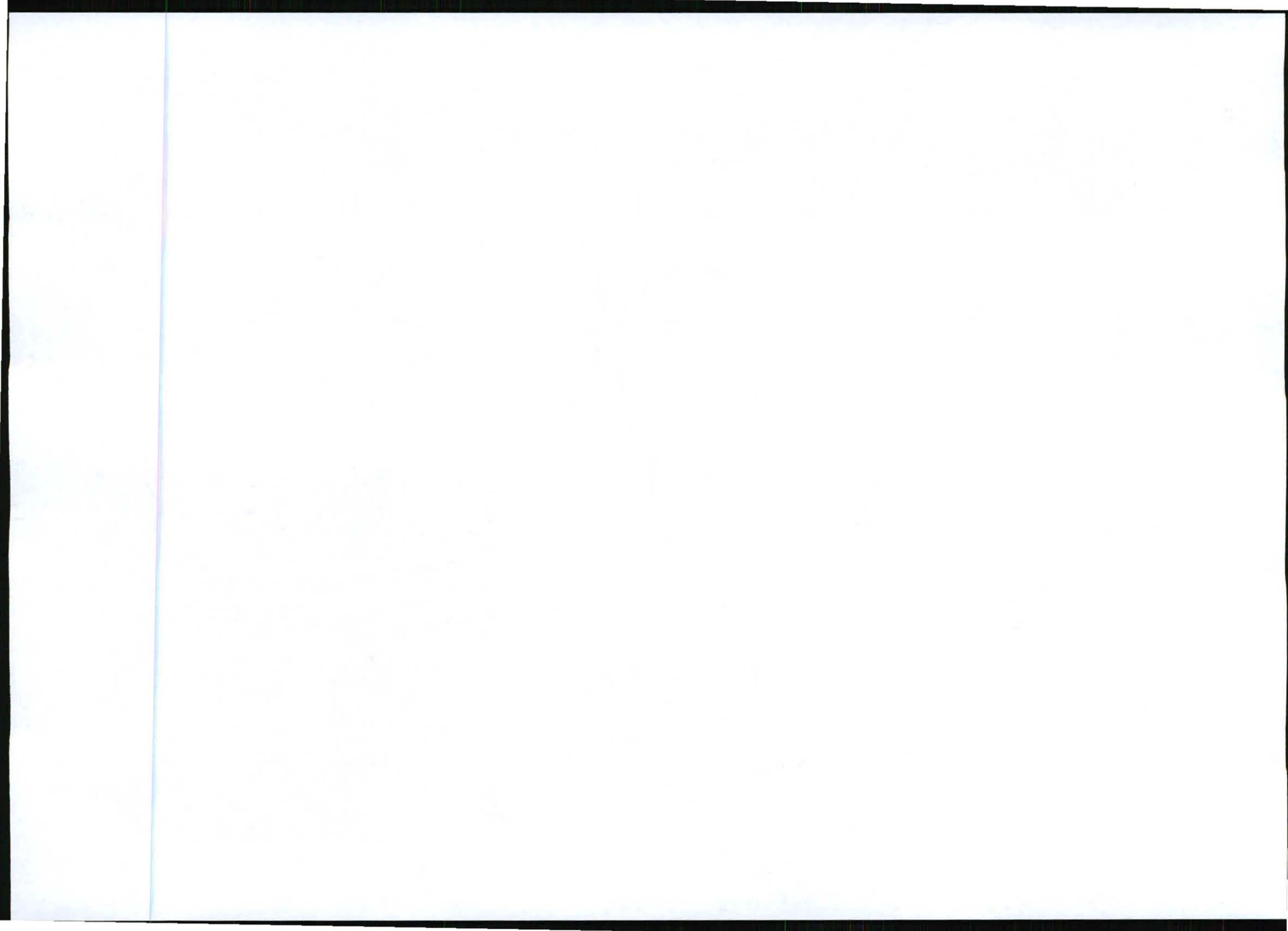
TOORHOUSE SOLUTIONS

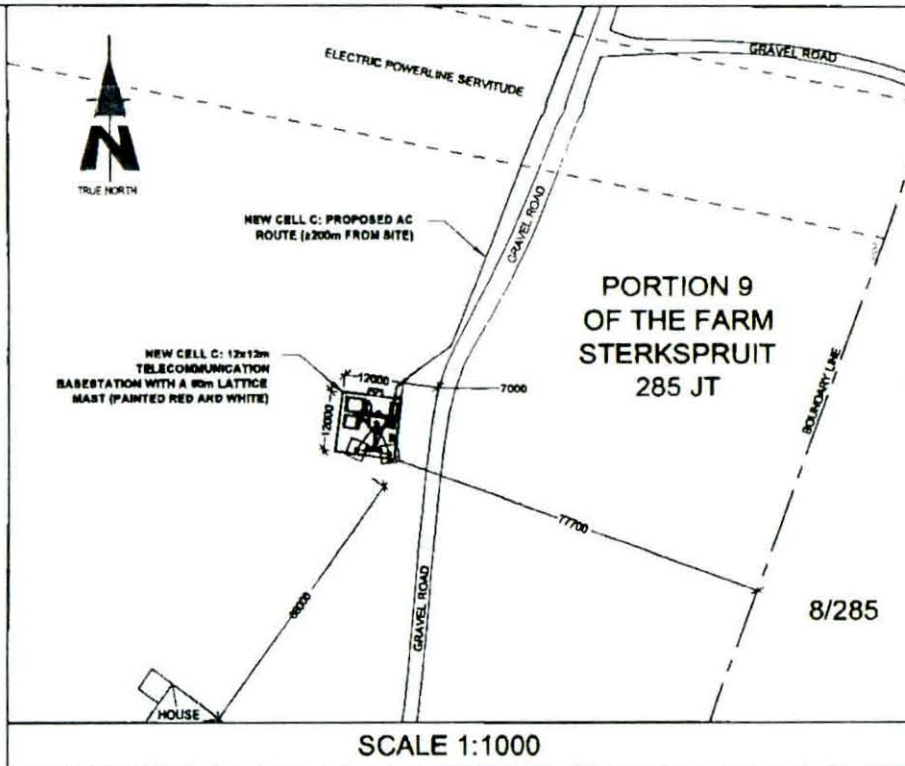
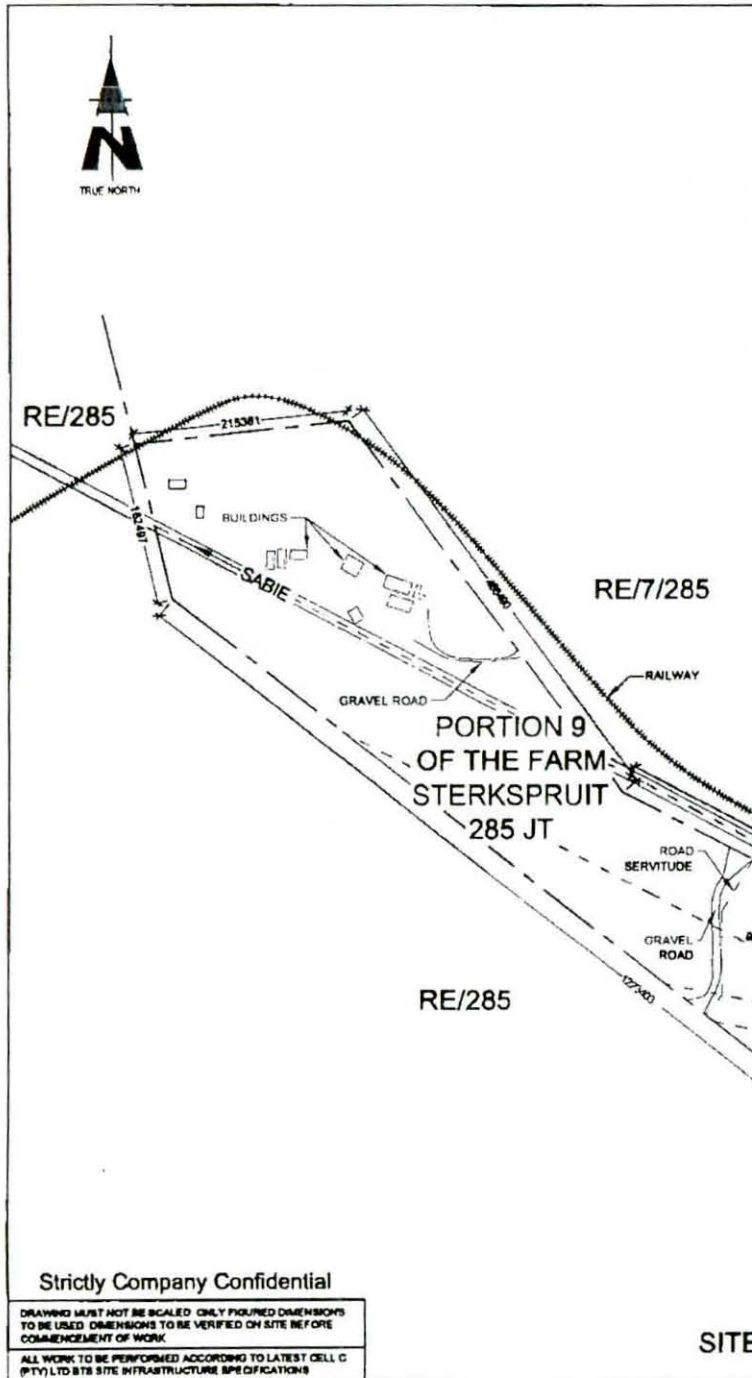
REVISION: SHEET NO. ISSUE SCALE

0 2 OF 10 1 MTS

SITE NO. 9643

SITE NAME AND ADDRESS: OFF THE R77 BETWEEN R40 & LYDENBURG STERKSPRUIT MPUMALANGA





SCALE 1:1000

SITE DEVELOPMENT PLAN

NO	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJ: 827
 NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD
 DRAWN BY: LEANDRE HARMSE
 PROPERTY DESCRIPTION:
 PORTION 9 OF THE FARM STERKSPRUIT 285 JT
 OWNER:
 KIAAT & ROT'S BOERDERY CC
 COORDINATES:
 LAT: -25 412235"
 LONG: 30 911654"

APPROVALS:

CELL C RF PLANNER	Signature: _____
	Date: _____
CELL C IMPLEMENTATION	Signature: _____
	Date: _____
CELL C REAL ESTATE CO-ORDINATOR	Signature: _____
	Date: _____
CELL C ENGINEER	Name: _____
	Signature: _____
	Number: _____

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 www.cell.co.za
 Nelson Mandela Park, 140 Riebeeck Road, Sandton
 Tel: +27 (11) 336 4000 Fax: +27 (11) 334 4001
 Private Bag 1208, Sandton 2010

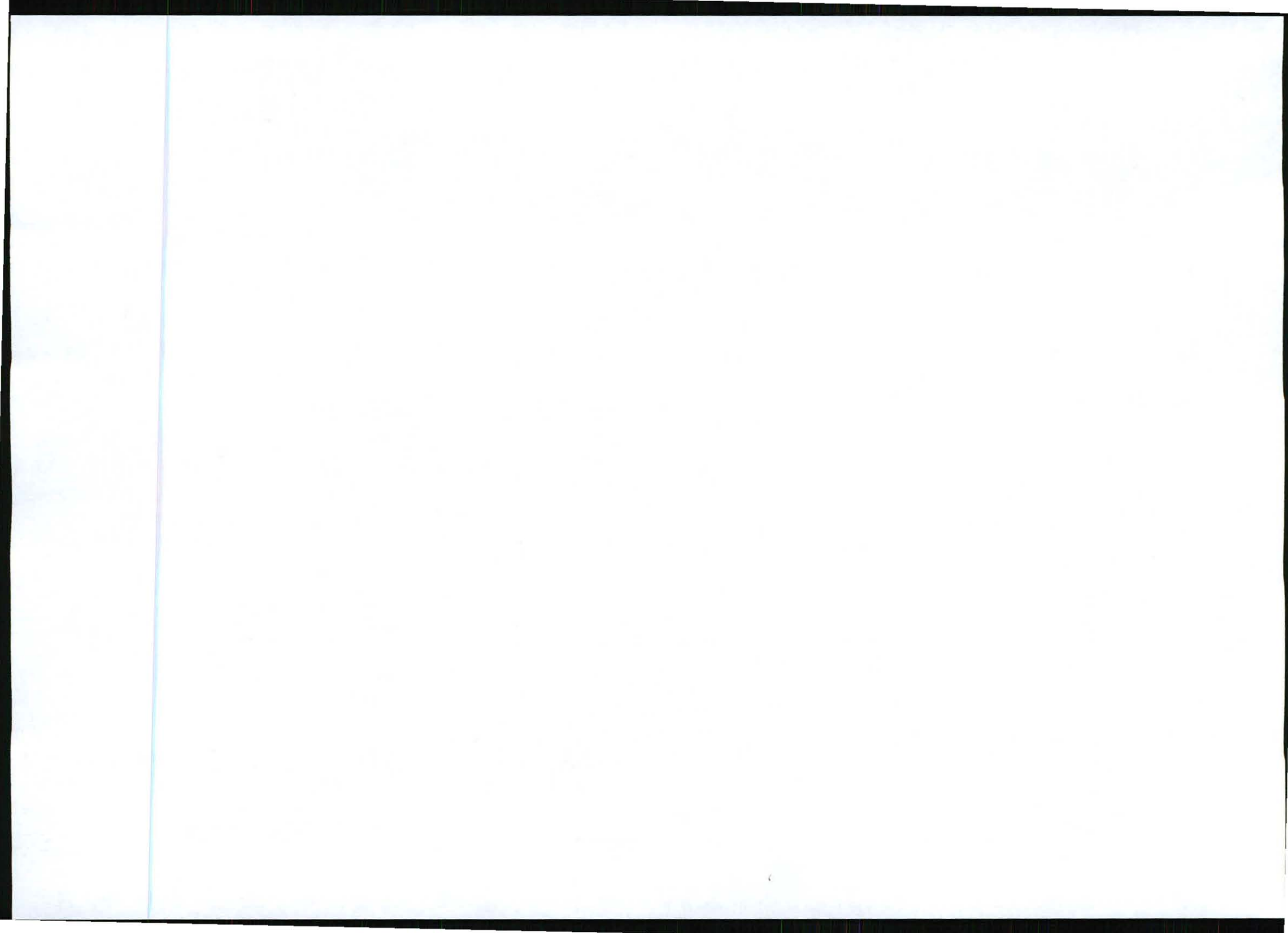
Nokia Siemens Networks
 92 Oak Avenue, Midrand Techno Park, Midrand, Pretoria 2008
 Tel: 011 675 2000

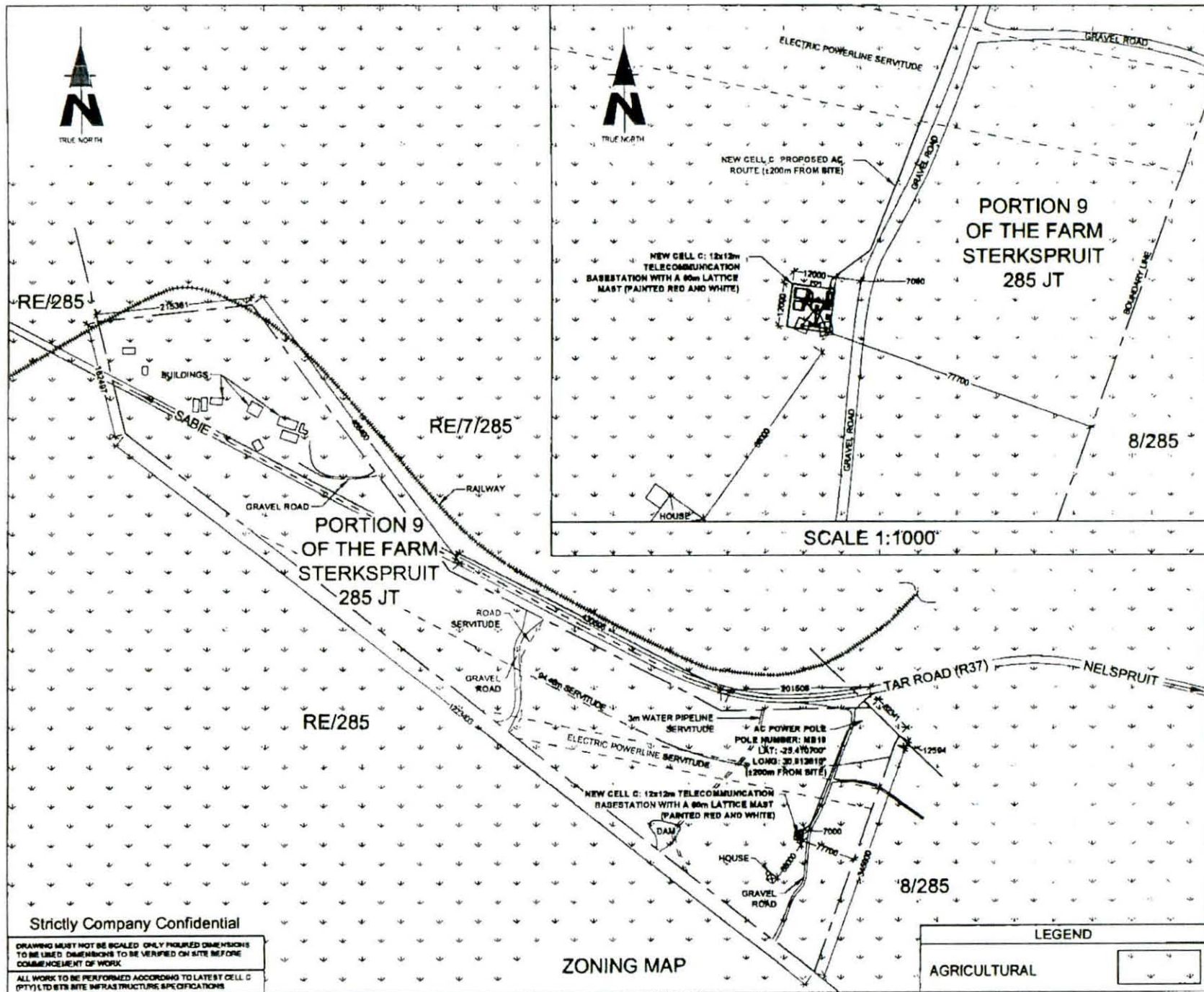
TORBIROUSE SOLUTIONS
 414 Riebeeck Road, Sandtonville, 2010
 Tel: +27 (11) 804 19048 Fax: +27 (11) 804 7073
 P.O. Box 93017, Midrand, 20134

REVISION	SHEET NO	ISSUE	SCALE
0	3 OF 10	1	1:5000

SITE NO: 8642
 SITE NAME AND ADDRESS:
 MARATHON
 OFF THE R37 (BETWEEN R40 & LYDENBURG)
 17.3km FROM R40,
 STERKSPRUIT,
 MPUMALANGA

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 ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS





NO	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJECT
NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD

DRAWN BY LEANDRE HARMSE
PROPERTY DESCRIPTION
PORTION 9 OF THE FARM STERKSPRUIT 285 JT

OWNER
KIAAT & ROTHS BOERDERY CC

COORDINATES
LAT -25 41 23.35"
LONG 30 9 11.654"

APPROVALS:

CELL C RF PLANNER
Signature _____
Date _____

CELL C IMPLEMENTATION
Signature _____
Date _____

CELL C REAL ESTATE CO-ORDINATOR
Signature _____
Date _____

CELL C ENGINEER
Name _____
Signature _____
Number _____

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Private Bag 2348 Boksburg 2010

Nokia Siemens Networks

82 Oak Avenue Highveld Tenders Park, Conventry, Pretoria 0042
Tel: 012 410 2000

Consultant

TORBIROUSE SOLUTIONS

114 Bunkle Street Midrand 2008
Tel: +27 (11) 854 19048 Fax: +27 (11) 854 19172
114 Bunkle Street Midrand 2008
Tel: +27 (11) 854 19048 Fax: +27 (11) 854 19172
P.O. Box 33017 Johannesburg 20134

REVISION	SHEET NO	ISSUE	SCALE
0	4 OF 10	1	1:5000

SITE NO
8642

SITE NAME AND ADDRESS
MARATHON
OFF THE R37 BETWEEN R40 & LYDENBURG
97 3km FROM R40
STERKSPRUIT,
MPUMALANGA

LEGEND

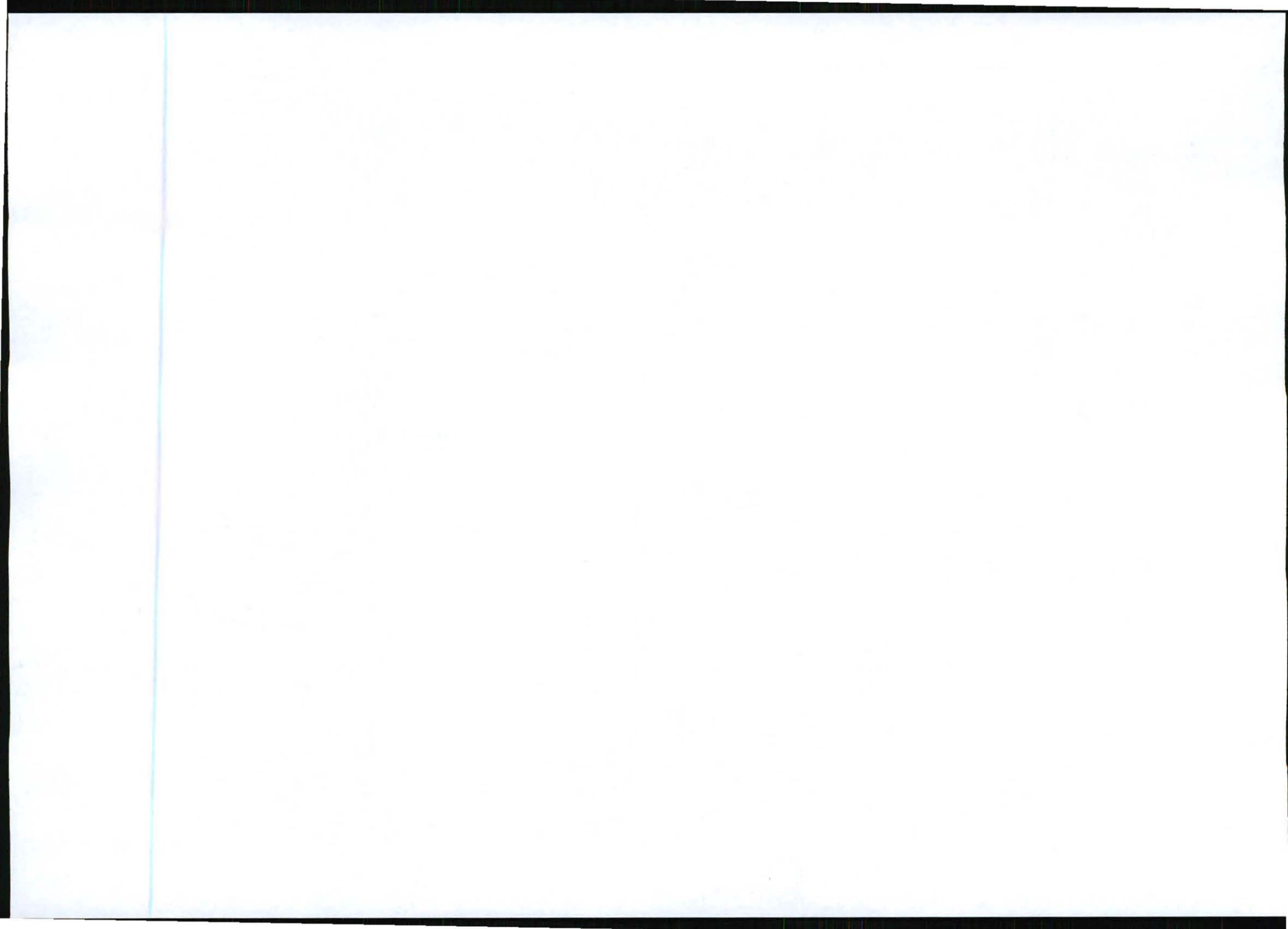
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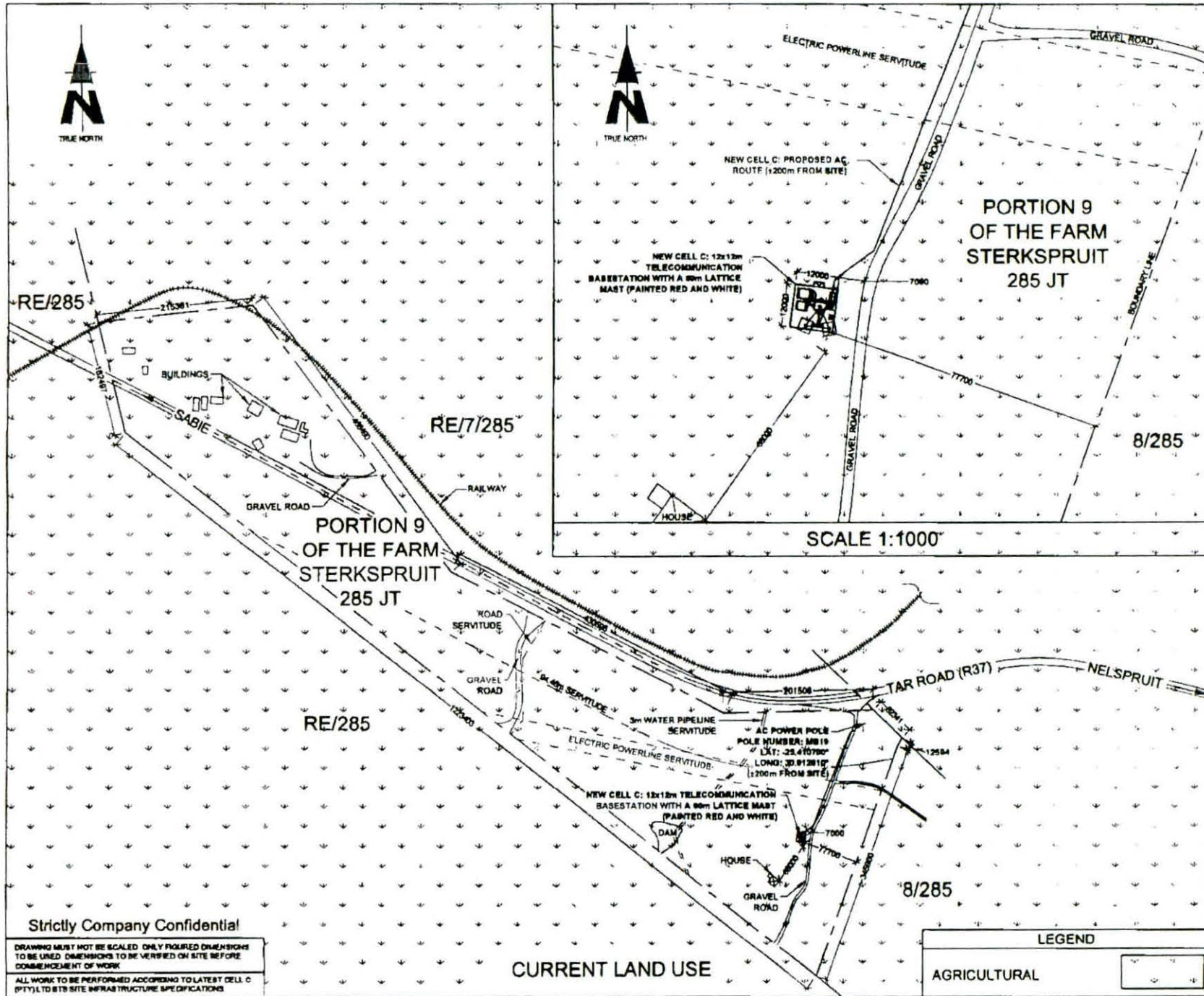
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ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS.

ZONING MAP





NO	DATE	DESCRIPTION								
0	07/11/2011	FIRST ISSUE								
PROJECT NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 90m LATTICE MAST FOR CELL C (PTY) LTD										
DRAWN BY LEANDRE HARMSE										
PROPERTY DESCRIPTION PORTION 9 OF THE FARM STERKSPRUIT 285 JT										
OWNER KIAAT & ROT'S BOERDERY CC										
COORDINATES LAT -25 41'22.35" LONG 30 01'16.54"										
APPROVALS:										
CELL C RF PLANNER Signature _____ Date _____										
CELL C IMPLEMENTATION Signature _____ Date _____										
CELL C REAL ESTATE CO-ORDINATOR Signature _____ Date _____										
CELL C ENGINEER Name _____ Signature _____ Number _____										
CELL[®] THE POWER IS IN YOUR HANDS <small>www.cell.co.za</small>										
<table border="0"> <tr> <td>Marion Office Park 150 Riverside Point Sandton</td> <td>Tel: +27(11) 234 4000 Fax: +27(11) 234 4401</td> <td>Private Bag 238 Bryanston 2019</td> </tr> </table>			Marion Office Park 150 Riverside Point Sandton	Tel: +27(11) 234 4000 Fax: +27(11) 234 4401	Private Bag 238 Bryanston 2019					
Marion Office Park 150 Riverside Point Sandton	Tel: +27(11) 234 4000 Fax: +27(11) 234 4401	Private Bag 238 Bryanston 2019								
Nokia Siemens Networks <small>82 Oak Avenue *AgileNet Testnet Park Concordia, Pretoria 0184</small>										
TORBHOUSE SOLUTIONS <small>414 Ruyter Road Athloneville 0184</small>										
<table border="1"> <thead> <tr> <th>REVISION</th> <th>SHEET NO</th> <th>ISSUE</th> <th>SCALE</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>5 OF 10</td> <td>1</td> <td>1:5000</td> </tr> </tbody> </table>			REVISION	SHEET NO	ISSUE	SCALE	0	5 OF 10	1	1:5000
REVISION	SHEET NO	ISSUE	SCALE							
0	5 OF 10	1	1:5000							
SITE NO 0642										
SITE NAME AND ADDRESS MARATHON OFF THE R37 (BETWEEN R40 & LYDENBURG), 47.3km FROM R40, STERKSPRUIT MPUMALANGA										

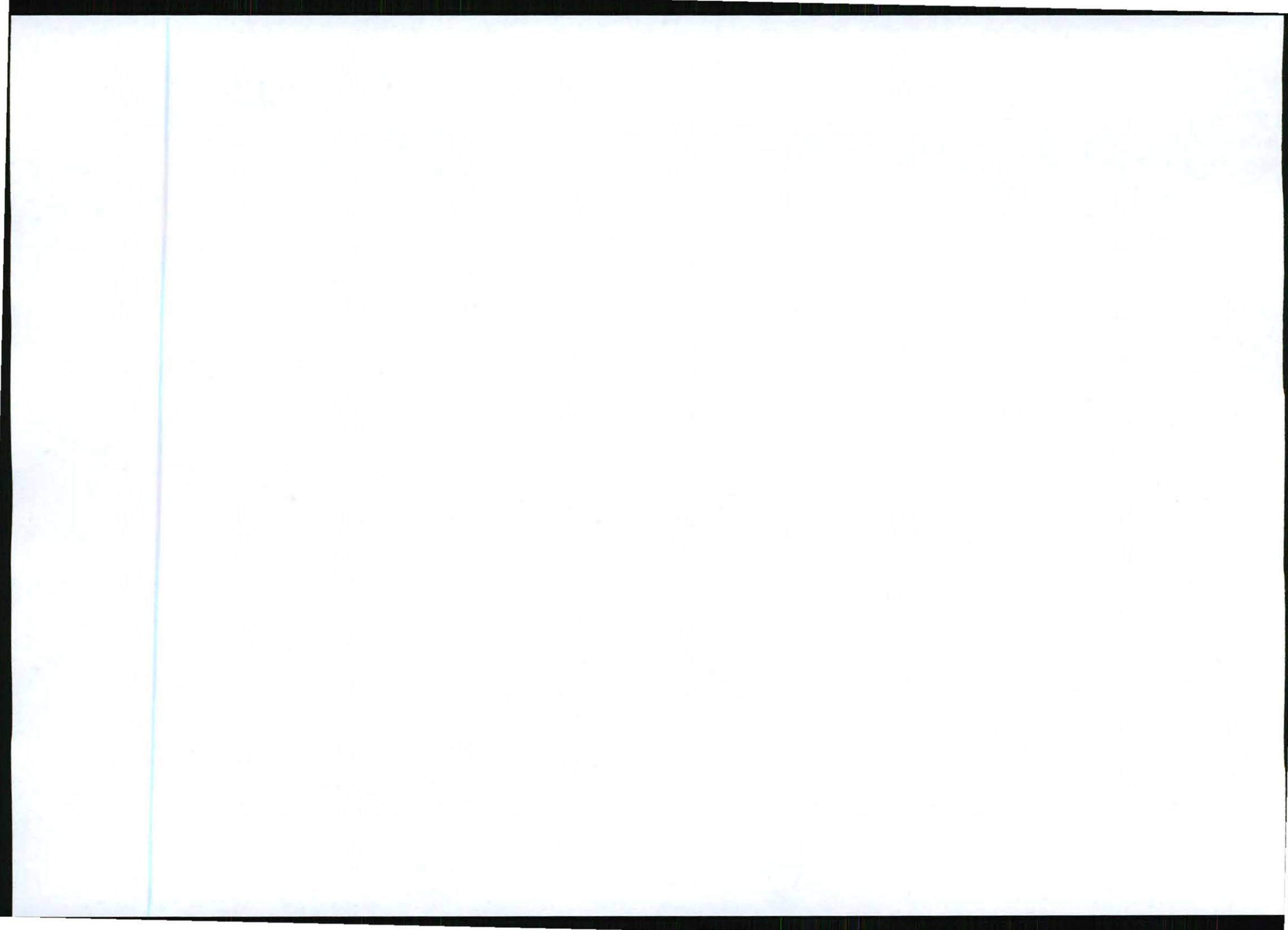
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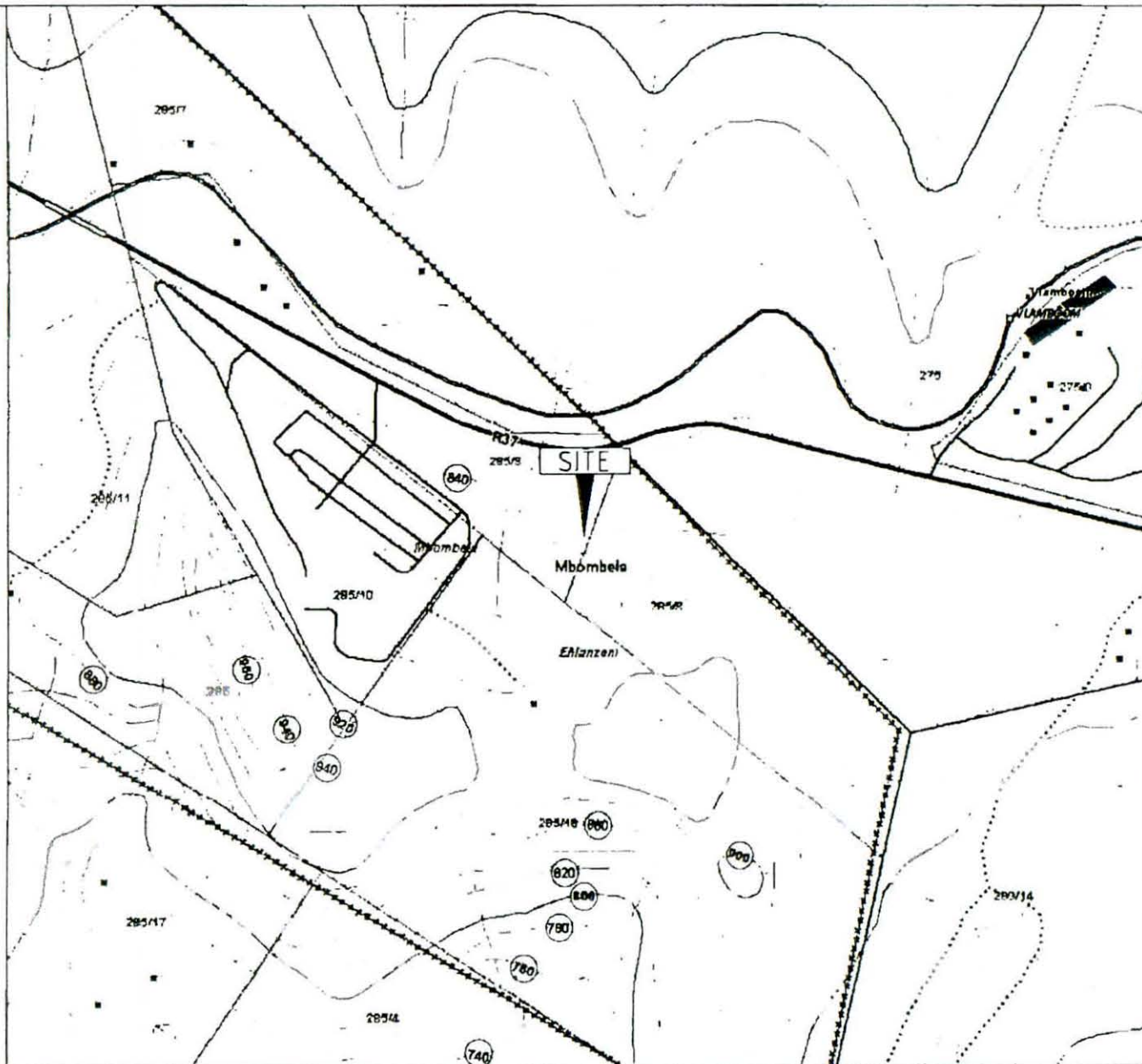
CURRENT LAND USE

LEGEND	
AGRICULTURAL	





TRUE NORTH



NO	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJECT
NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 80m LATTICE MAST FOR CELL C (PTY) LTD

DRAWN BY: LEANDRE HARMSE
PROPERTY DESCRIPTION
PORTION 9 OF THE FARM STERKSPRUIT 285 JT

OWNER
KLAAT & ROT'S BOERDERY CC

COORDINATES
LAT -25 412235"
LONG 30 911554"

APPROVALS:
CELL C RF PLANNER
Signature _____
Date _____

CELL C IMPLEMENTATION
Signature _____
Date _____

CELL C REAL ESTATE CO-ORDINATOR
Signature _____
Date _____

CELL C ENGINEER
Name _____
Signature _____
Number _____

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Marathon Office Park
120 Steyns Road
Burgersdorp

Tel: +27 (11) 334 4000
Fax: +27 (11) 321 4001

Private Bag 304
Burgersdorp
2010

Nokia Siemens Networks

87 Oak Avenue
Highveld Techno Park
Constitution Precinct
2008

Tel: 012 676 2600

Consultant

TORBIDOSE SOLUTIONS

411 Randa Road
Mbombela
0184

Tel: +27 (11) 804 18048
Fax: +27 (11) 804 18077
sales@torbidose.com

P.O. Box 32017
Tzaneen
0184

REVISION	SHEET NO	ISSUE	SCALE
0	6 OF 10	1	NTS

SITE NO
9642

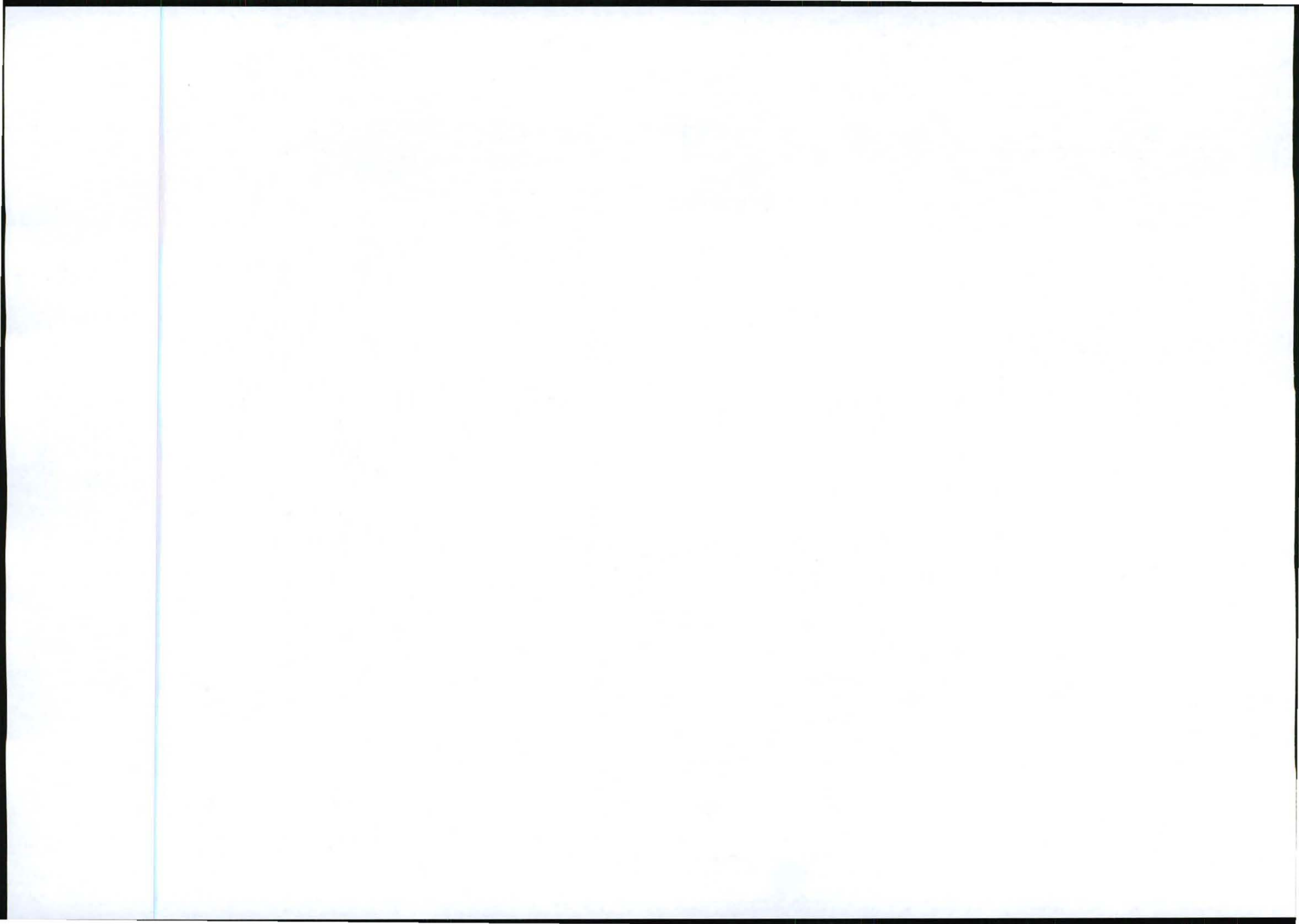
SITE NAME AND ADDRESS
MARATHON
OFF THE R37 (BETWEEN R40 & LYDENBURG),
27 3km FROM R40,
STERKSPRUIT
MPUMALANGA

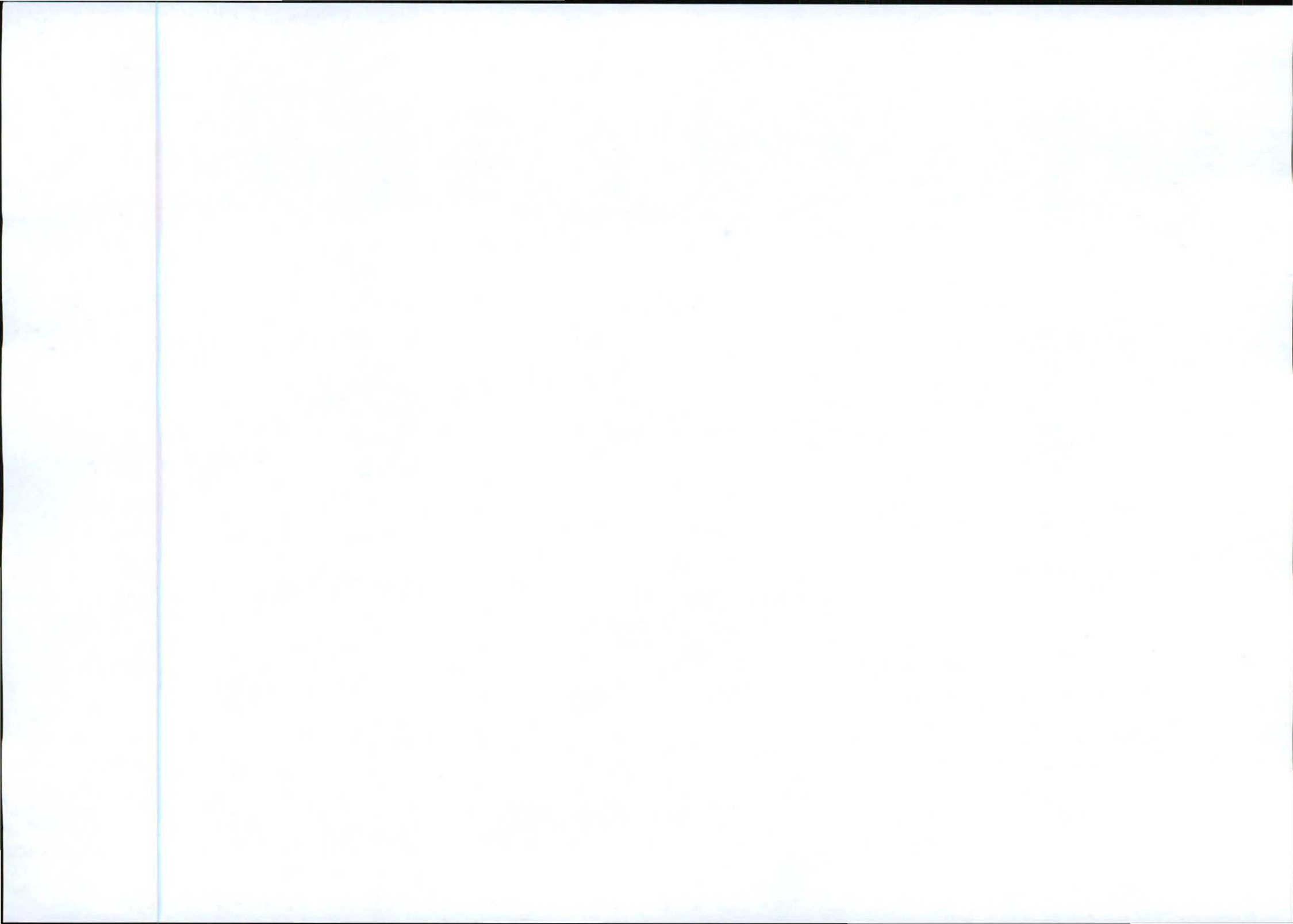
Strictly Company Confidential

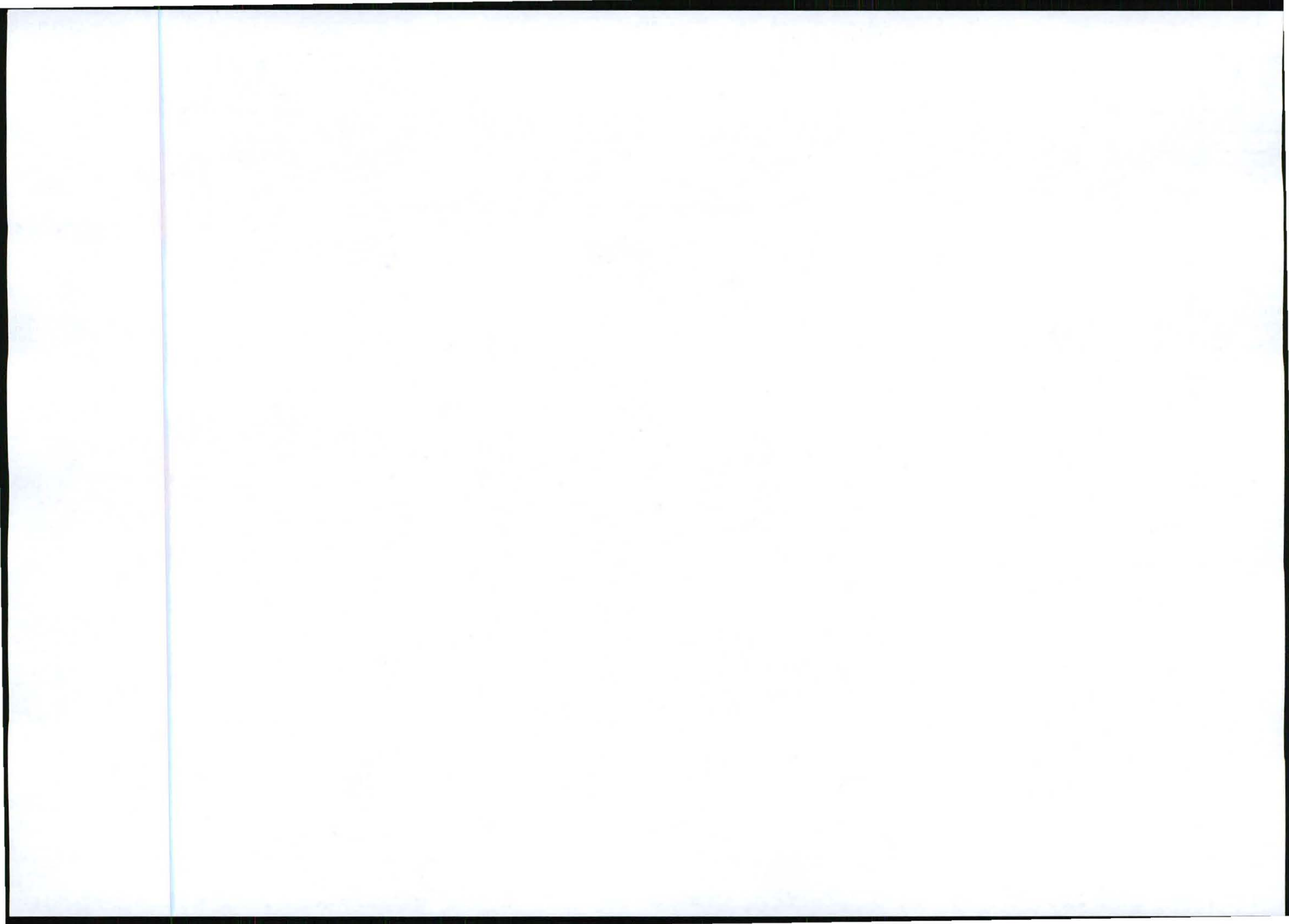
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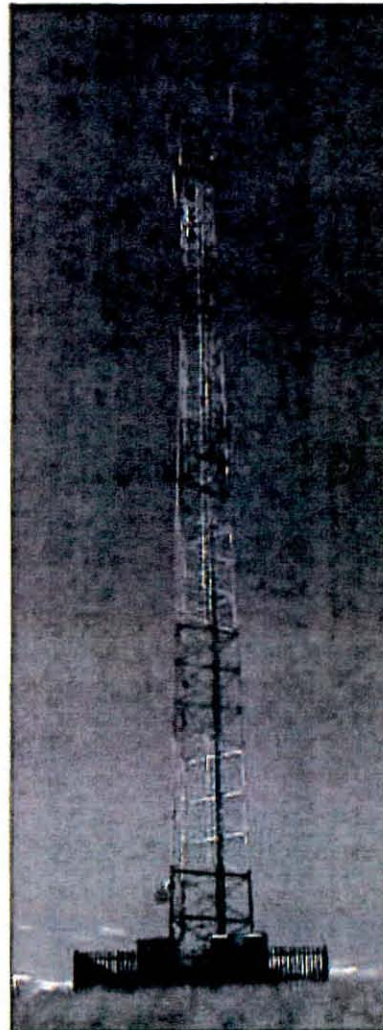
ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS.

CONTOUR INTERVAL









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

FACILITY ILLUSTRATION

NO	DATE	DESCRIPTION
0	07/11/2011	FIRST ISSUE

PROJECT
NEW 12x12m TELECOMMUNICATION BASESTATION WITH A 60m LATTICE MAST FOR CELL C (PTY) LTD

DRAWN BY: LEANDRE HARMSE

PROPERTY DESCRIPTION
PORTION 9 OF THE FARM STERKSPRUIT 265 JT

OWNER
KIAAT & ROTZ BOERDERY CC

COORDINATES
LAT -25 412235"
LONG 30 011654"

APPROVALS:
CELL C RF PLANNER
Signature _____
Date _____

CELL C IMPLEMENTATION
Signature _____
Date _____

CELL C REAL ESTATE CO-ORDINATOR
Signature _____
Date _____

CELL C ENGINEER
Name _____
Signature _____
Number _____

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Midway Office Park Tel: +27 (11) 324 4201 Polaris Way 204
100 Albion Road Fax: +27 (11) 324 4401 Benoni
Benoni 2010

Nokia Siemens Networks

10 Oak Avenue Tel: 012 616 7000
Highveld Techno Park
Concession, Pretoria
0181

Consultant

TORBIHOUSE SOLUTIONS

414 Ruyter Road Tel: +27 (12) 884 19048 P.O. Box 33017
Edenburg Fax: +27 (12) 884 19172 Johannesburg
0184 mobile@torbihousesolutions.com.za 0154

REVISION	SHEET NO	ISSUE	SCALE
0	10 OF 10	1	NTS

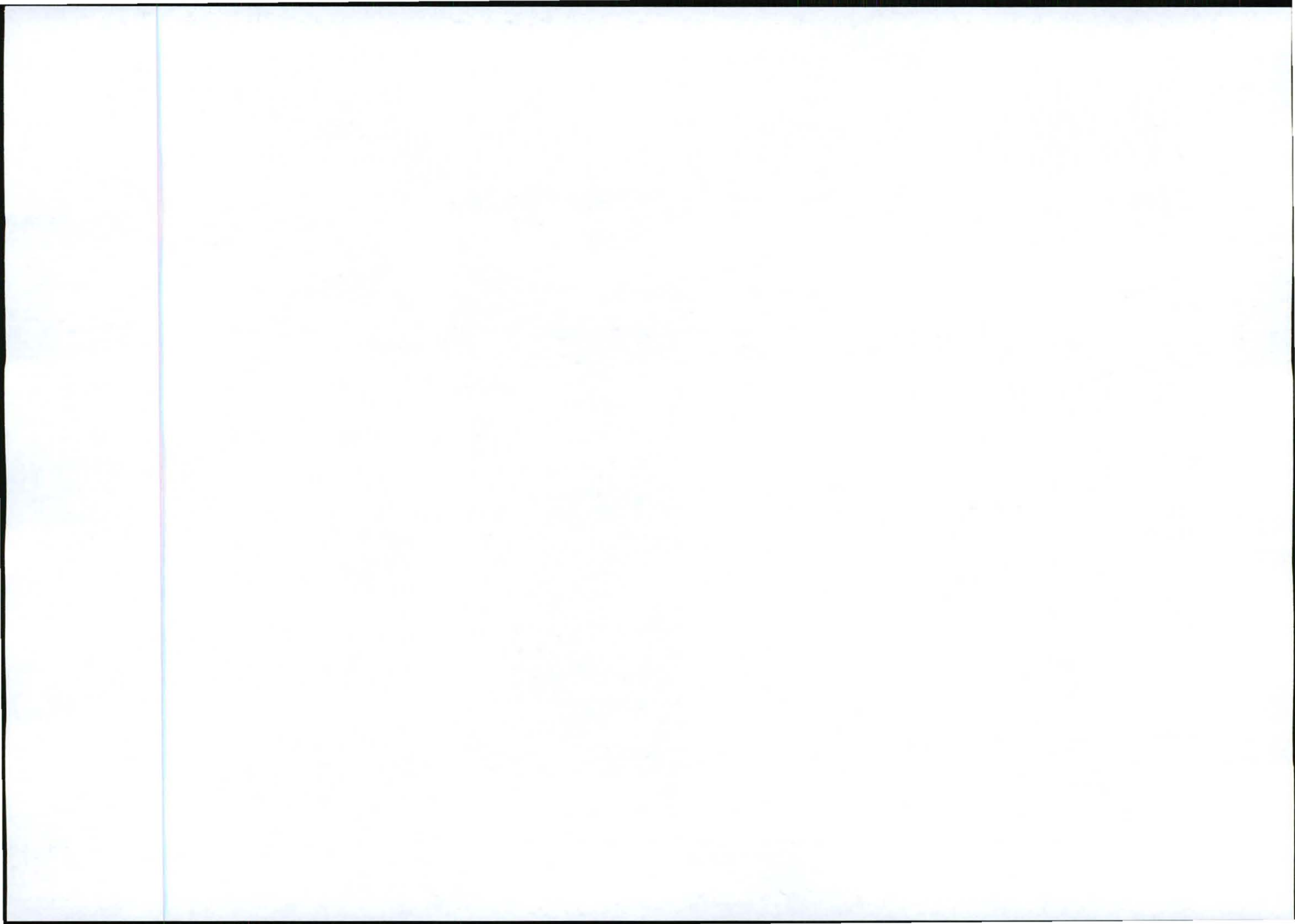
SITE NO
9642

SITE NAME AND ADDRESS
MARATHON
OFF THE R37 (BETWEEN R40 & LYDENBURG)
27 3km FROM R40
STERKSPRUIT,
MPUMALANGA

Strictly Company Confidential

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

ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS



Destination	Start Time	Time	Prints	Result	Note
0137592070	03-01 15:24	00:13:23	011/011	OK	

Note TX: Timer TX, POL: Polling, ORG: Original Size, SCCC: SCCC, FME: Frame Erase TX,
MIX: Mixed Original TX, CALL: Manual TX, CASC: CASC, FWD: Forward, PCI: PC-Fax,
BND: Double-Sided Binding Direction, SD: Special Original, FCODE: F-code, RTX: Re-TX,
RLY: Relay, M31: 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.



INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated Reg. No. 2061/014238/21
414 Rumbi Road, Silvertondale, 0154
PO Box 32617, Totusdal, 0134
e-mail: admin@infraplan.co.za Tel. (012) 604 1604/8
Fax (012) 604 7072

Our Reference: 9642 / 17/2/3/E-109

Your Reference:

18 January 2012

The Municipal Manager
Mbombela Local Municipality
P O Box 48
Nelspruit
1200

Attention: Mr J R Sindane
Environmental Management Section
Fax : (013) 769 2670

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) II (bb), (cc) and (ee) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 9 OF THE FARM STERKSPRUIT 285 JT.

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,

M NIEHOF
M NIEHOF
For: Vukani IPS Inc.

Comments:



Destination	Start Time	Time	Prints	Result	Note
0137592070	03-02 09:12	00:00:39	000/011	Cont	
0137592070	03-02 09:15	00:13:28	011/011	OK	

Note TX: Timer TX, POL: Polling, ORG: Original size, Settings, FME: Frame Erase TX,
 MIX: Mixed Original TX, CALL: Manual TX, CSAC: CSAC, FWD: Forward, PC: PC-Fax,
 SNO: Double-Sided Binding Direction, SS: Special Original, FCODE: F-code, RTX: Re-TX,
 SLY: Reply, MBI: Confidential, BOL: Bulletin, SIP: SIP Fax, IPADR: IP Address Fax,
 I-FAX: Internet Fax

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



INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated Reg. No. 2001/014238/21
 414 Rumbia Road, Silvertondale, 0184
 PO Box 32017, Tokusdal, 0154
 e-mail: admin@infreplan.co.za
 Tel. (012) 804 1804/6
 Fax (012) 804 7072

Our Reference:
8642 / 17/2/3/E-108

Your Reference:

18 January 2012

The Municipal Manager
 Mbombela Local Municipality
 P O Box 48
 Nelspruit
 1200

Attention: Mr J R Sindane
 Environmental Management Section

Fax : (013) 759 2070

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) II (bb), (cc) and (ee) IN REGULATION 548: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 9 OF THE FARM STERKSPRUIT 286 JT.

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.

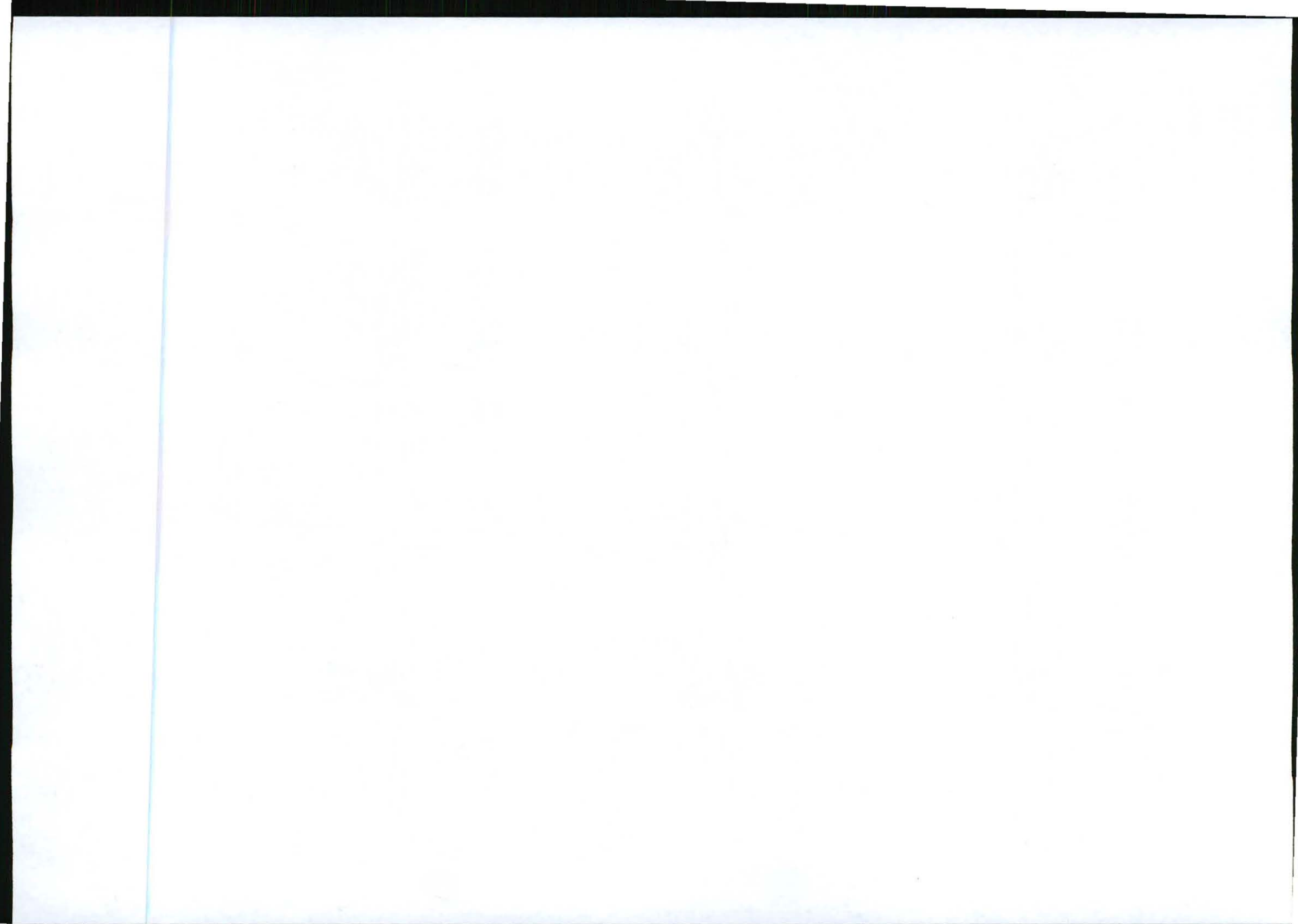
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

M NIEHOF
 M NIEHOF
 For: Vukani IPS Inc.

Comments:

Directors: KW Anheita; GA Anheita





INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated
414 Rustic Road, Silvertondale, 0184
PO Box 32017, Totiusdal, 0134
e-mail: admin@infraplan.co.za

Reg. No. 2001/014235/21
Tel. (012) 804 1504/6
Fax (012) 804 7072

Our Reference:
9642 / 17/2/3/E-109

Your Reference:

19 January 2012

The Municipal Manager
Mbombela Local Municipality
P O Box 45
Nelspruit
1200

Attention: Mr J R Sindane
Environmental Management Section

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Kind Regards,

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For: Vukani IPS Inc.

Comments:

Directors: KW Anholts; GA Anholts

