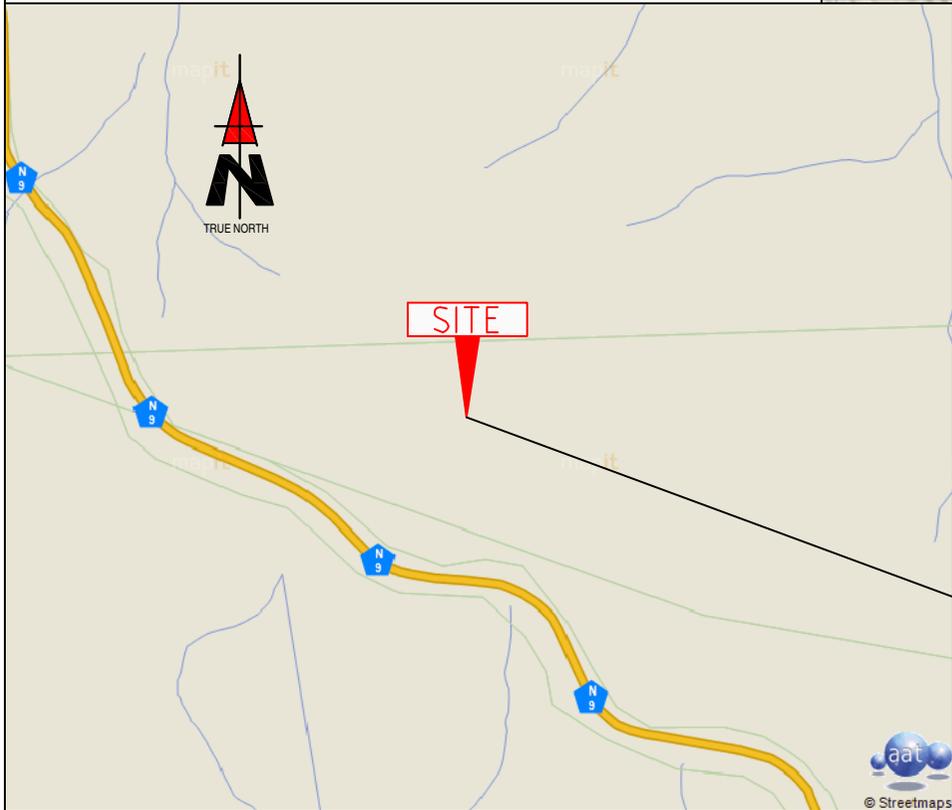
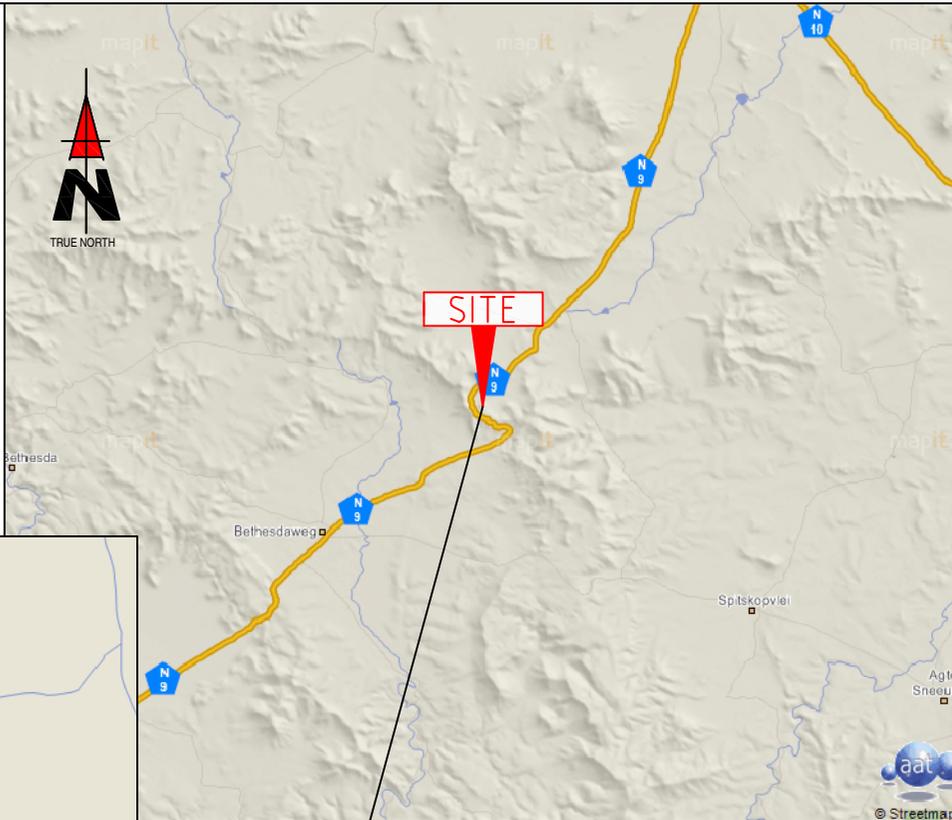
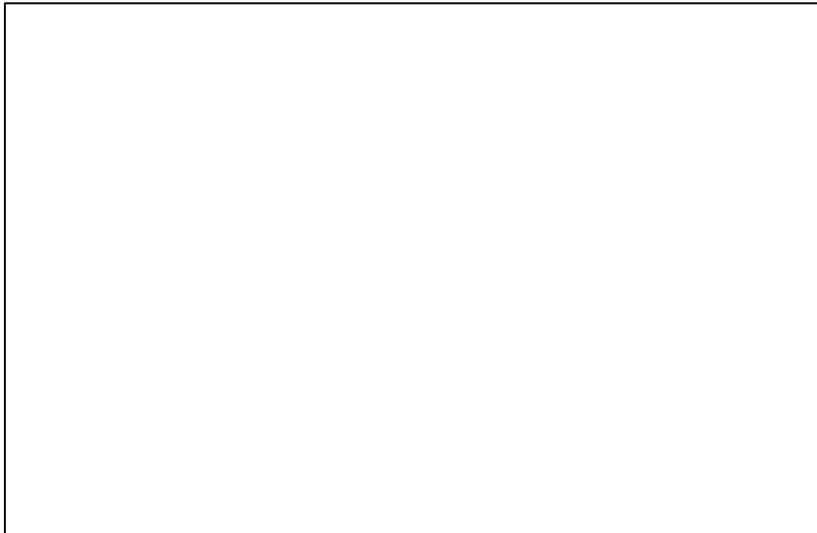


**Appendix A: Site Plans**



107560  
LOOTSBERG PASS EAST

LOCALITY MAP

NO.	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE
PROJECT: NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD		
DRAWN BY: PHATHU MULIDZWI		
PROPERTY DESCRIPTION: THE FARM 305 MIDDELBURG RD		
OWNER: JAGTPOORT BOERDERY C C		
COORDINATES: LAT: -31.835700° LONG: 24.864561°		

APPROVALS:	
CELL C RF PLANNER:	Signature: _____ Date: _____
CELL C IMPLEMENTATION:	Signature: _____ Date: _____
CELL C REAL ESTATE CO-ORDINATOR:	Signature: _____ Date: _____
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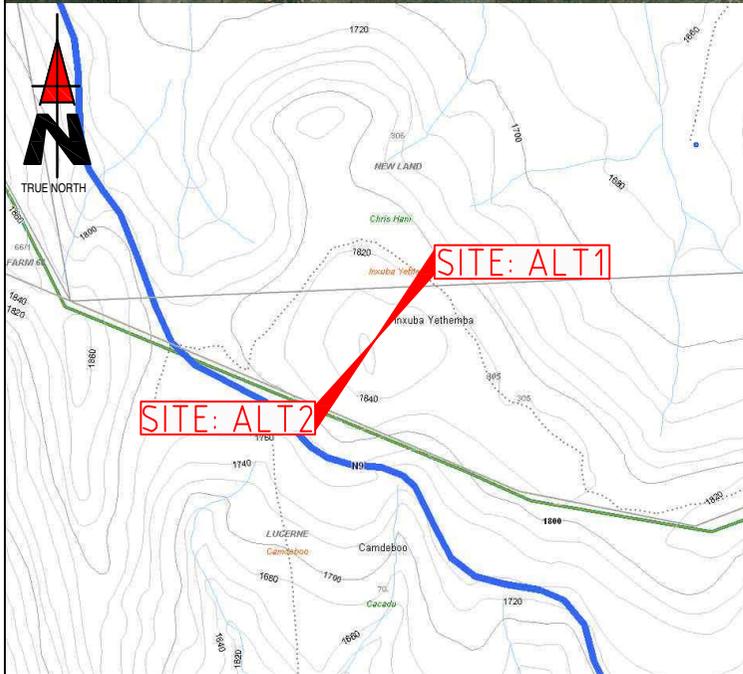
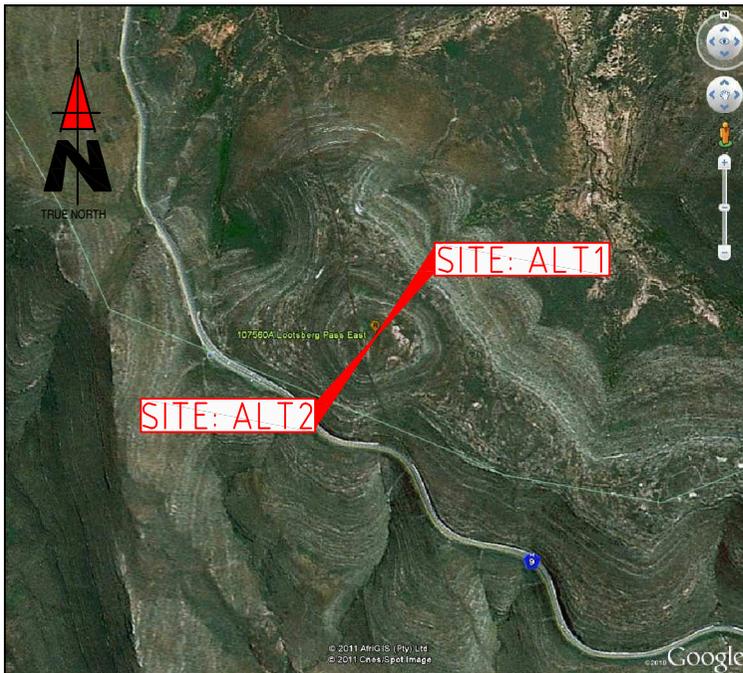
SITE NO:  
**107560**

SITE NAME AND ADDRESS:  
**LOOTSBERG PASS EAST**  
OFF THE N9,  
MIDDELBURG TO GRAAFF REINET,  
ON LEFT HAND SIDE,  
EASTERN CAPE

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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.

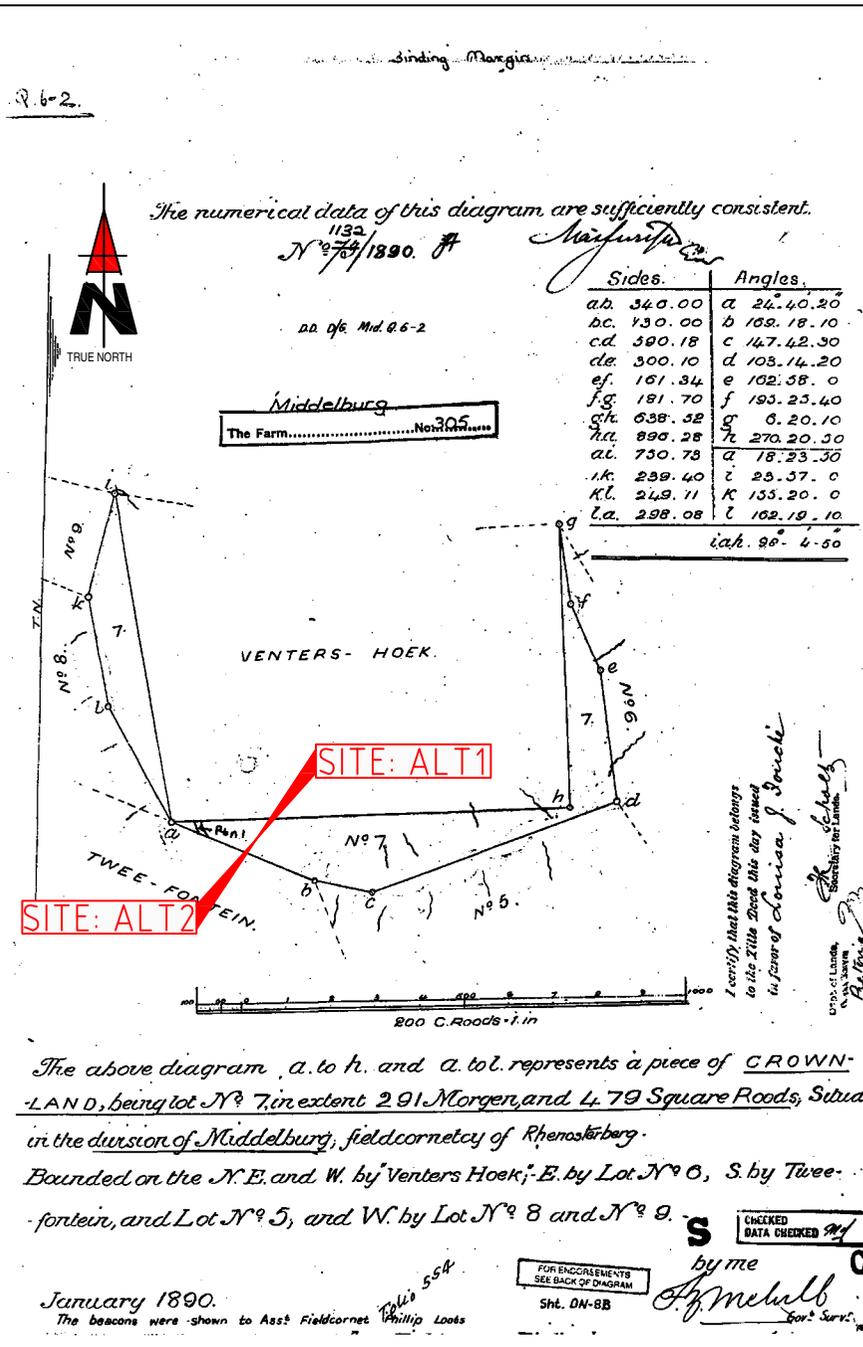
ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS



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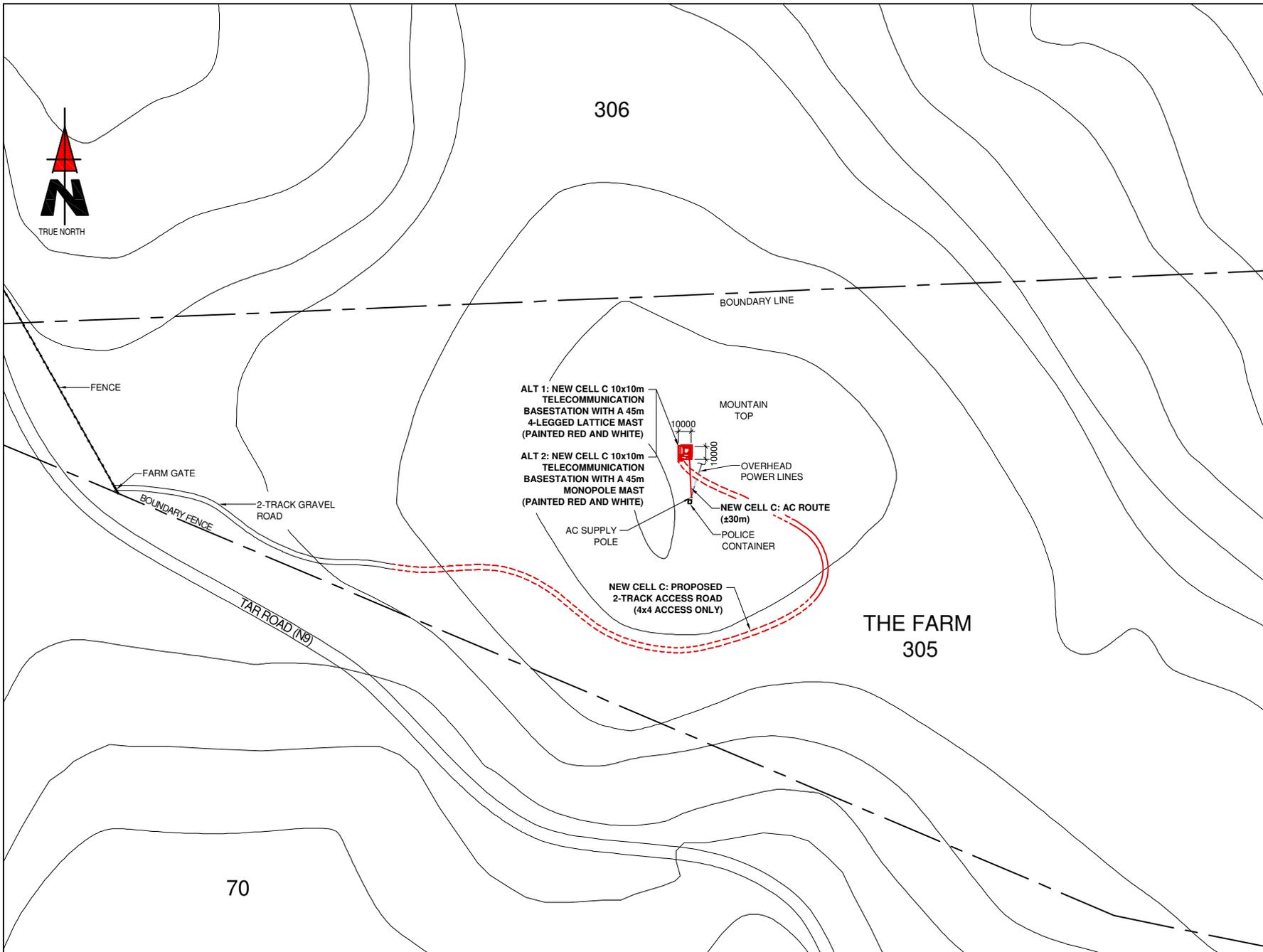
ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS



The above diagram, a. to h. and a. to l. represents a piece of CROWN-LAND, being tot N<sup>o</sup> 7, in extent 2.91 Morgen, and 4.79 Square Roods, Situate in the division of Middelburg, fieldcornetcy of Rhenosterberg. Bounded on the N.E. and W. by Venters Hoek; E. by Lot N<sup>o</sup> 6, S. by Twee-fontein, and Lot N<sup>o</sup> 5, and W. by Lot N<sup>o</sup> 8 and N<sup>o</sup> 9.

CADASTRAL INFO

NO.	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
PROJECT: NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
DRAWN BY: PHATHU MULIDZWI			
PROPERTY DESCRIPTION: THE FARM 305 MIDDELBURG RD			
OWNER: JAGTPOORT BOERDERY C C			
COORDINATES: LAT: -31.835700° LONG: 24.864561°			
<b>APPROVALS:</b>			
CELL C RF PLANNER: Signature: _____ Date: _____			
CELL C IMPLEMENTATION: Signature: _____ Date: _____			
CELL C REAL ESTATE CO-ORDINATOR: Signature: _____ Date: _____			
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REVISION:	SHEET NO:	ISSUE:	SCALE:
0	2 OF 11	1	NTS
SITE NO: <b>107560</b>			
SITE NAME AND ADDRESS: <b>LOOTSBERG PASS EAST</b> OFF THE N9, MIDDELBURG TO GRAAFF REINET, ON LEFT HAND SIDE, EASTERN CAPE			



NO.	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE

PROJECT:  
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD

DRAWN BY: PHATHU MULIDZWI

PROPERTY DESCRIPTION:  
THE FARM 305  
MIDDELBURG RD

OWNER:  
JAGTPOORT BOERDERY C C

COORDINATES:  
LAT: -31.835700°  
LONG: 24.864561°

APPROVALS:  
CELL C RF PLANNER:  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

CELL C IMPLEMENTATION:  
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0	3 OF 11	1	1:3000

SITE NO:  
**107560**

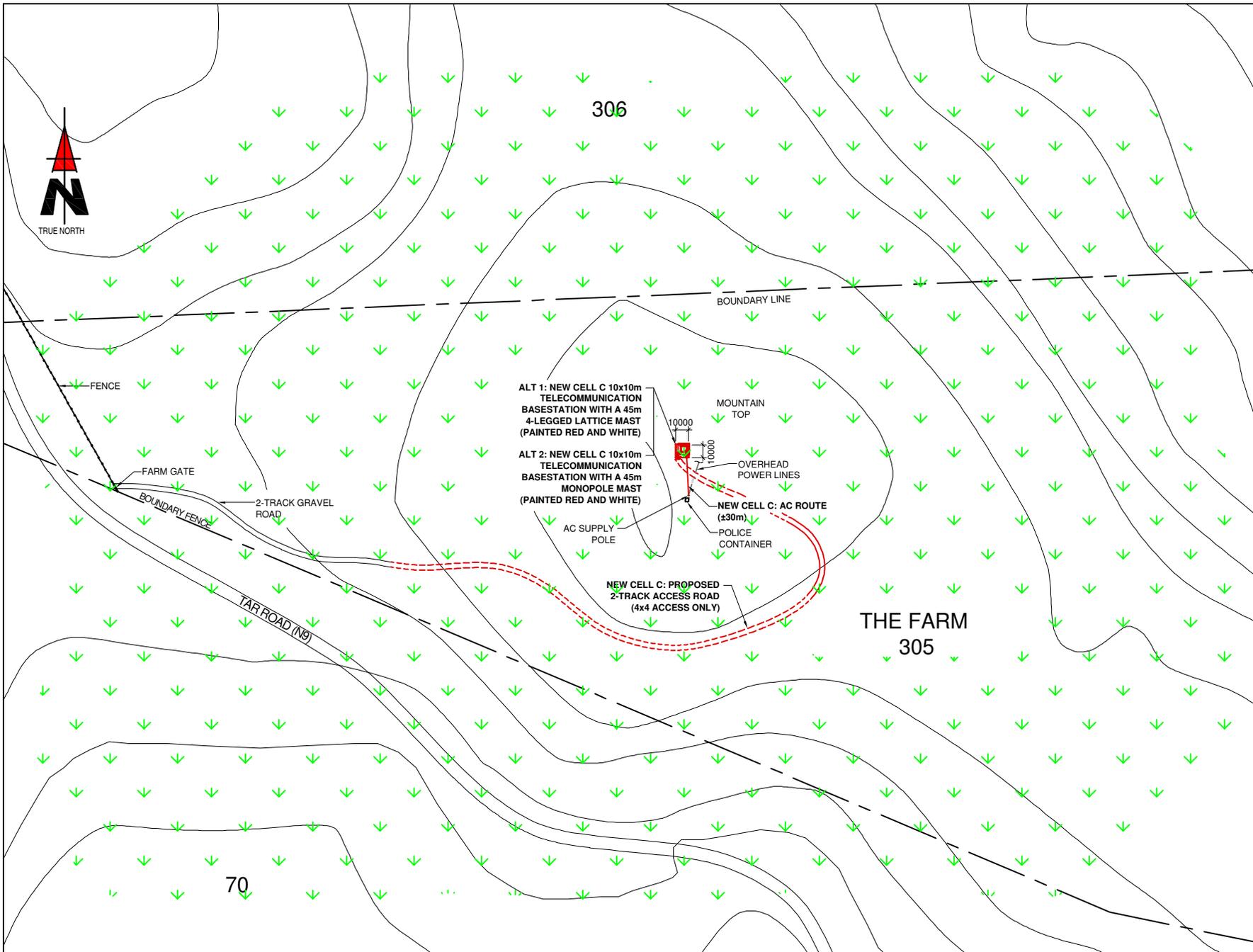
SITE NAME AND ADDRESS:  
**LOOTSBERG PASS EAST**  
OFF THE N9,  
MIDDELBURG TO GRAAFF REINET,  
ON LEFT HAND SIDE,  
EASTERN CAPE

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**SITE DEVELOPMENT PLAN**



NO.	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE

PROJECT:  
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD

DRAWN BY: PHATHU MULIDZWI

PROPERTY DESCRIPTION:  
THE FARM 305  
MIDDELBURG RD

OWNER:  
JAGTPOORT BOERDERY C C

COORDINATES:  
LAT: -31.835700°  
LONG: 24.864561°

APPROVALS:  
CELL C RF PLANNER:  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

CELL C IMPLEMENTATION:  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

CELL C REAL ESTATE CO-ORDINATOR:  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

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MIDDELBURG TO GRAAFF REINET,  
ON LEFT HAND SIDE,  
EASTERN CAPE



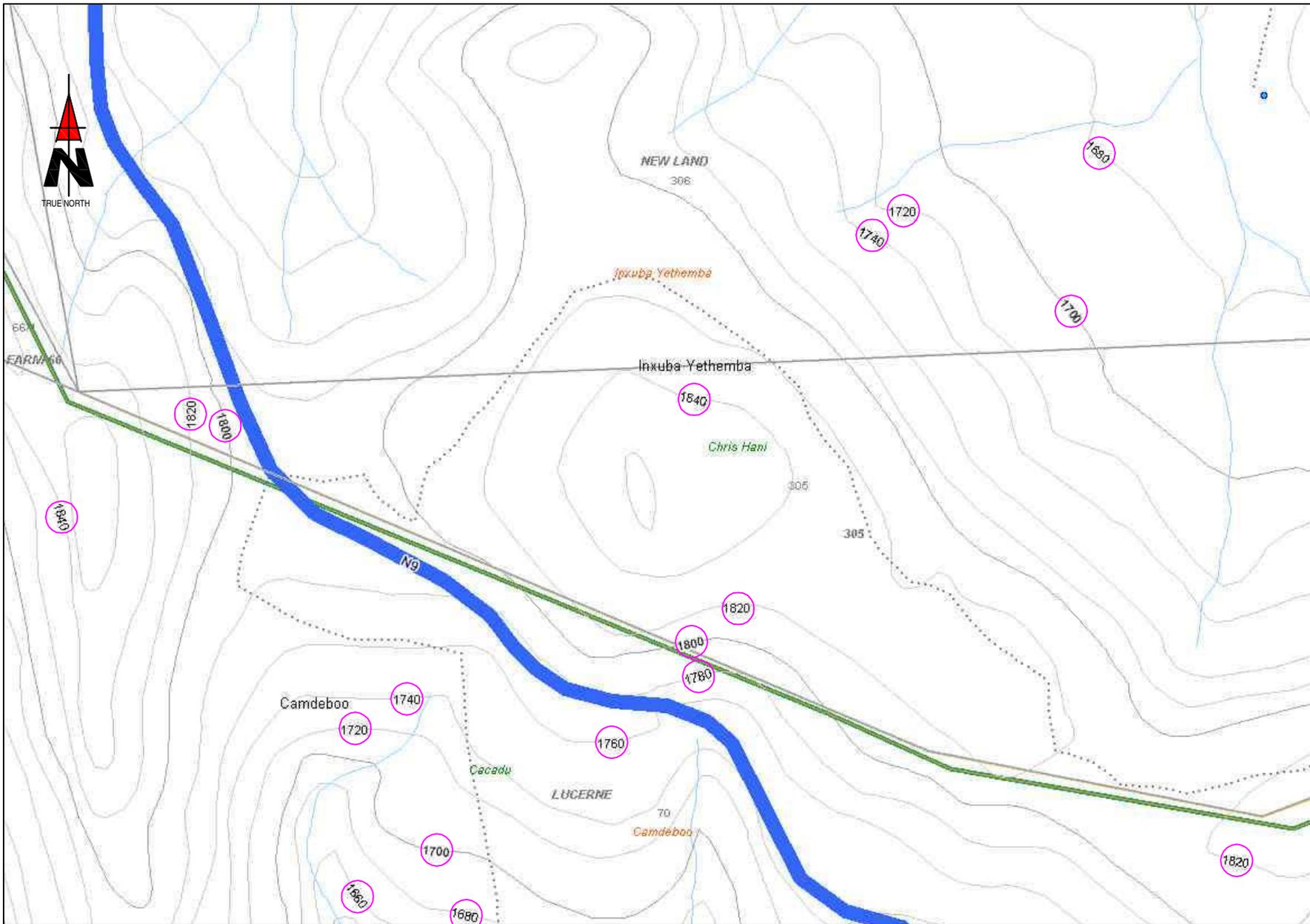
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CURRENT LAND USE

LEGEND	
AGRICULTURAL	



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DRAWN BY: PHATHU MULIDZWI  
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LAT: -31.835700°  
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APPROVALS:  
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Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

CELL C IMPLEMENTATION:  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

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Signature: \_\_\_\_\_  
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**LOOTSBERG PASS EAST**  
OFF THE N9,  
MIDDELBURG TO GRAAFF REINET,  
ON LEFT HAND SIDE,  
EASTERN CAPE

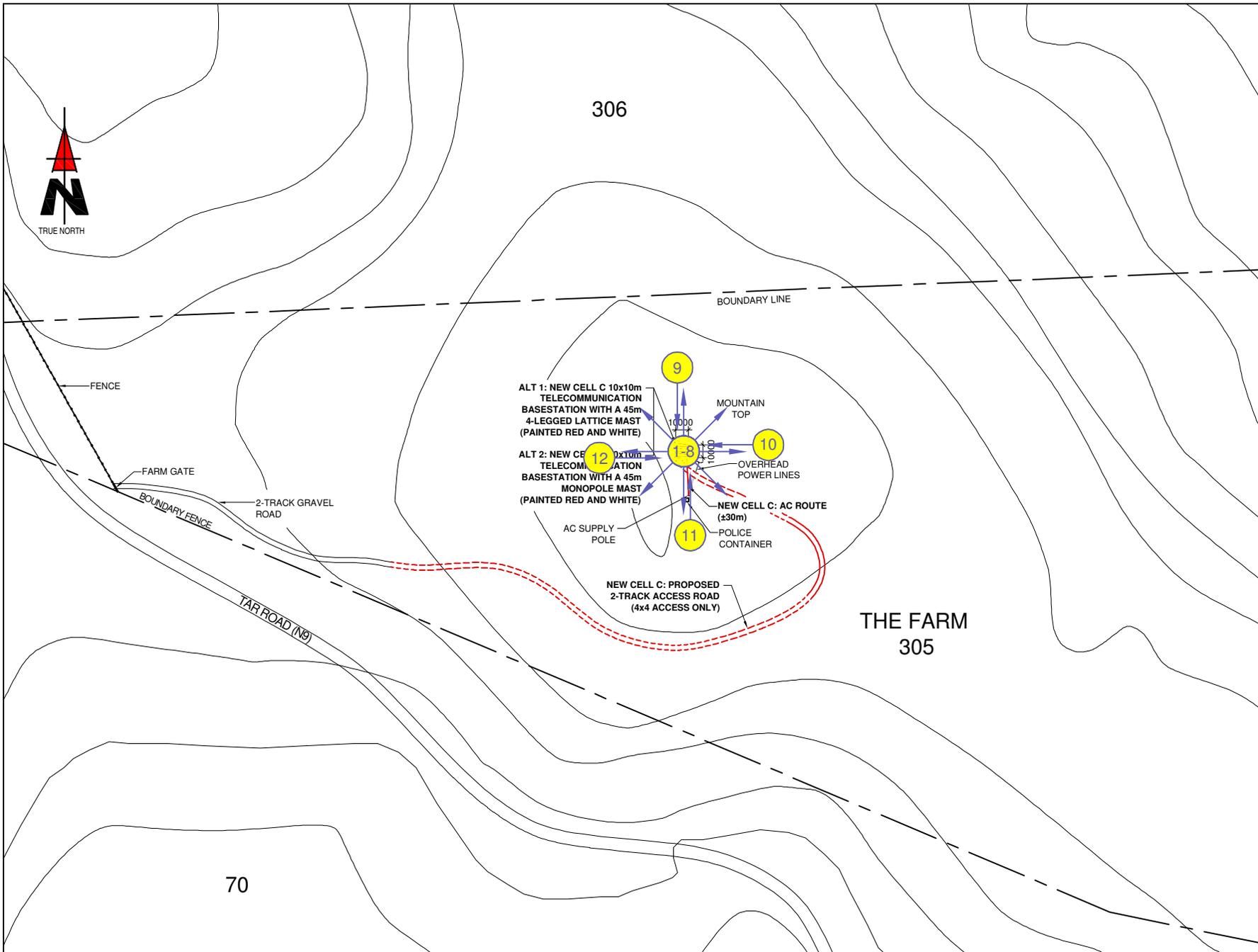
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CONTOUR INTERVAL

**Appendix B: Site Photographs**



NO.	DATE	DESCRIPTION
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NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD

DRAWN BY: PHATHU MULIDZWI

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MIDDELBURG RD

OWNER:  
JAGTPOORT BOERDERY C C

COORDINATES:  
LAT: -31.835700°  
LONG: 24.864561°

APPROVALS:  
CELL C RF PLANNER:  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

CELL C IMPLEMENTATION:  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

CELL C REAL ESTATE CO-ORDINATOR:  
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0	6 OF 11	1	1:3000

SITE NO:  
**107560**

SITE NAME AND ADDRESS:  
**LOOTSBERG PASS EAST**  
OFF THE N9,  
MIDDELBURG TO GRAAFF REINET,  
ON LEFT HAND SIDE,  
EASTERN CAPE

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SITE PHOTOGRAPHS: ALTERNATIVE 1 & 2



# 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**

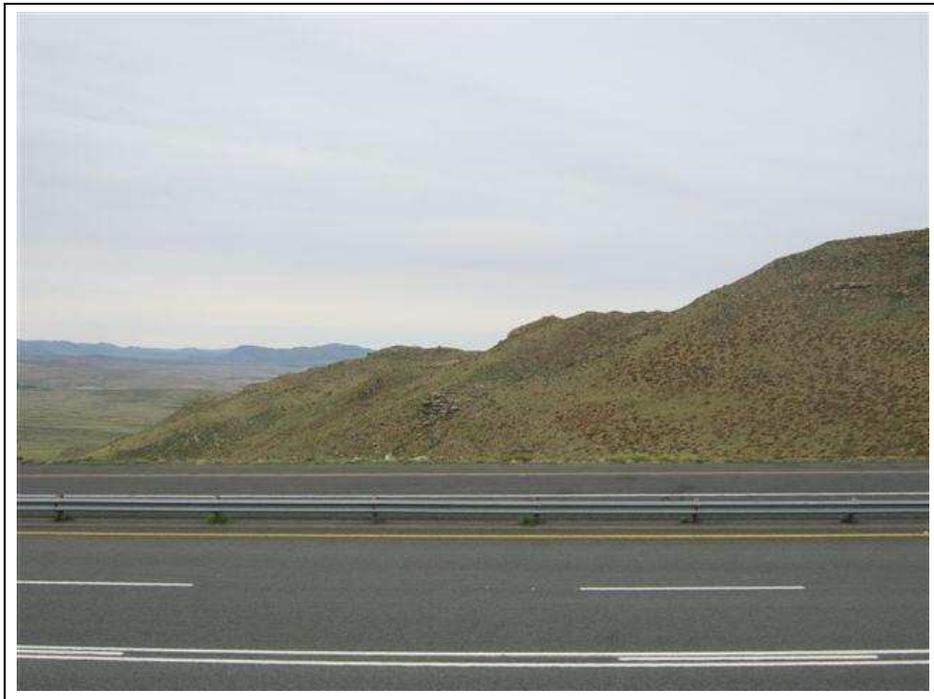


**4. Panoramic view from the site direction South East**

# SITE PHOTOGRAPHS



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

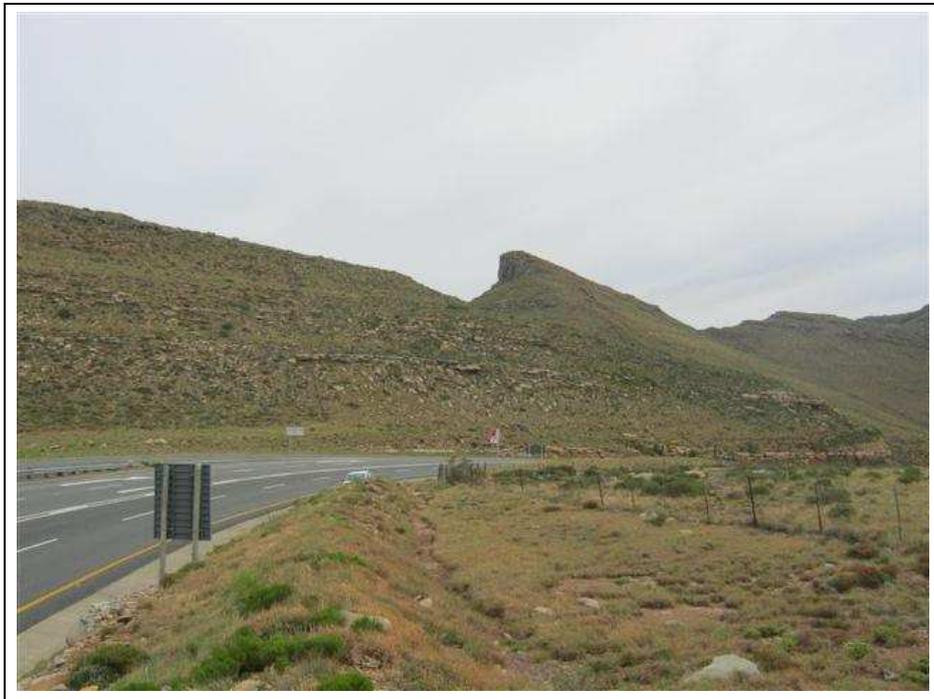


**6. Panoramic view from the site direction South West**

# 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 North East**

# SITE PHOTOGRAPHS



11. View on base station position direction East



12. View on base station position direction from entrance gate

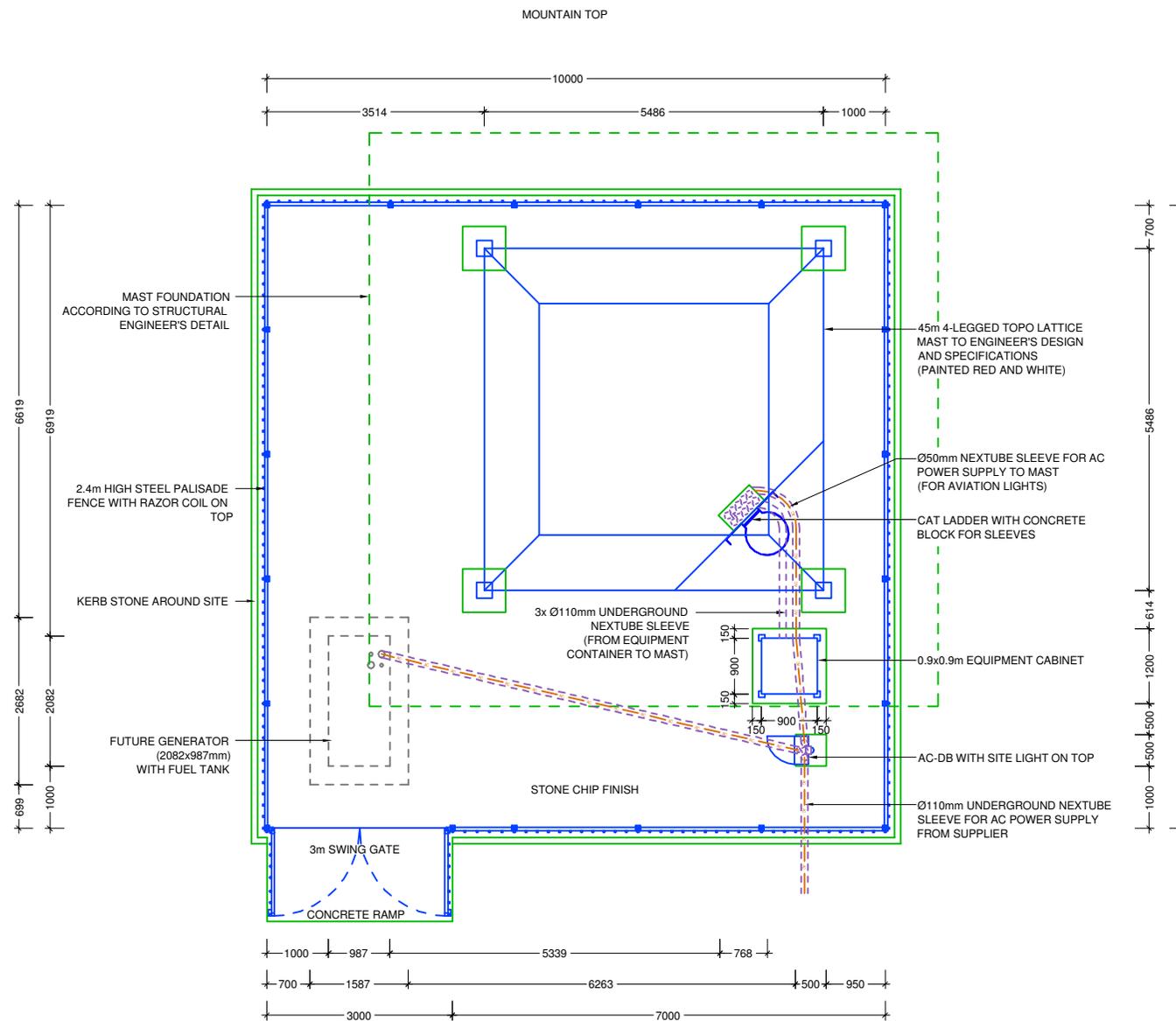
# SITE PHOTOGRAPHS



**13. General view on existing 2 track access road to site establishment area**

## **Appendix C: Facility Illustrations**





**THE FARM  
305**

**SITE DETAIL: ALTERNATIVE 1**

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<p><b>PROJECT:</b> NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD</p> <p><b>DRAWN BY:</b> PHATHU MULIDZWI</p> <p><b>PROPERTY DESCRIPTION:</b> THE FARM 305 MIDDELBURG RD</p> <p><b>OWNER:</b> JAGTPOORT BOERDERY C C</p> <p><b>COORDINATES:</b> LAT: -31.835700° LONG: 24.864561°</p>			
<b>APPROVALS:</b>			
<p><b>CELL C RF PLANNER:</b> Signature: _____ Date: _____</p>			
<p><b>CELL C IMPLEMENTATION:</b> Signature: _____ Date: _____</p>			
<p><b>CELL C REAL ESTATE CO-ORDINATOR:</b> Signature: _____ Date: _____</p>			
<p><b>CELL C ENGINEER</b> Name: _____ Signature: _____ Number: _____</p>			
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<p><b>SITE NO:</b> <b>107560</b></p> <p><b>SITE NAME AND ADDRESS:</b> <b>LOOTSBERG PASS EAST</b> OFF THE N9, MIDDELBURG TO GRAAFF REINET, ON LEFT HAND SIDE, EASTERN CAPE</p>			

NO.	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE

PROJECT:  
NEW 10x10m TELECOMMUNICATION BASESTATION  
WITH A 45m MAST FOR CELL C (PTY) LTD

DRAWN BY: PHATHU MULIDZWI

PROPERTY DESCRIPTION:  
THE FARM 305  
MIDDELBURG RD

OWNER:  
JAGTPOORT BOERDERY C C

COORDINATES:  
LAT: -31.835700°  
LONG: 24.864561°

**APPROVALS:**

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

CELL C IMPLEMENTATION:  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

CELL C REAL ESTATE CO-ORDINATOR:  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

CELL C ENGINEER  
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Number: \_\_\_\_\_



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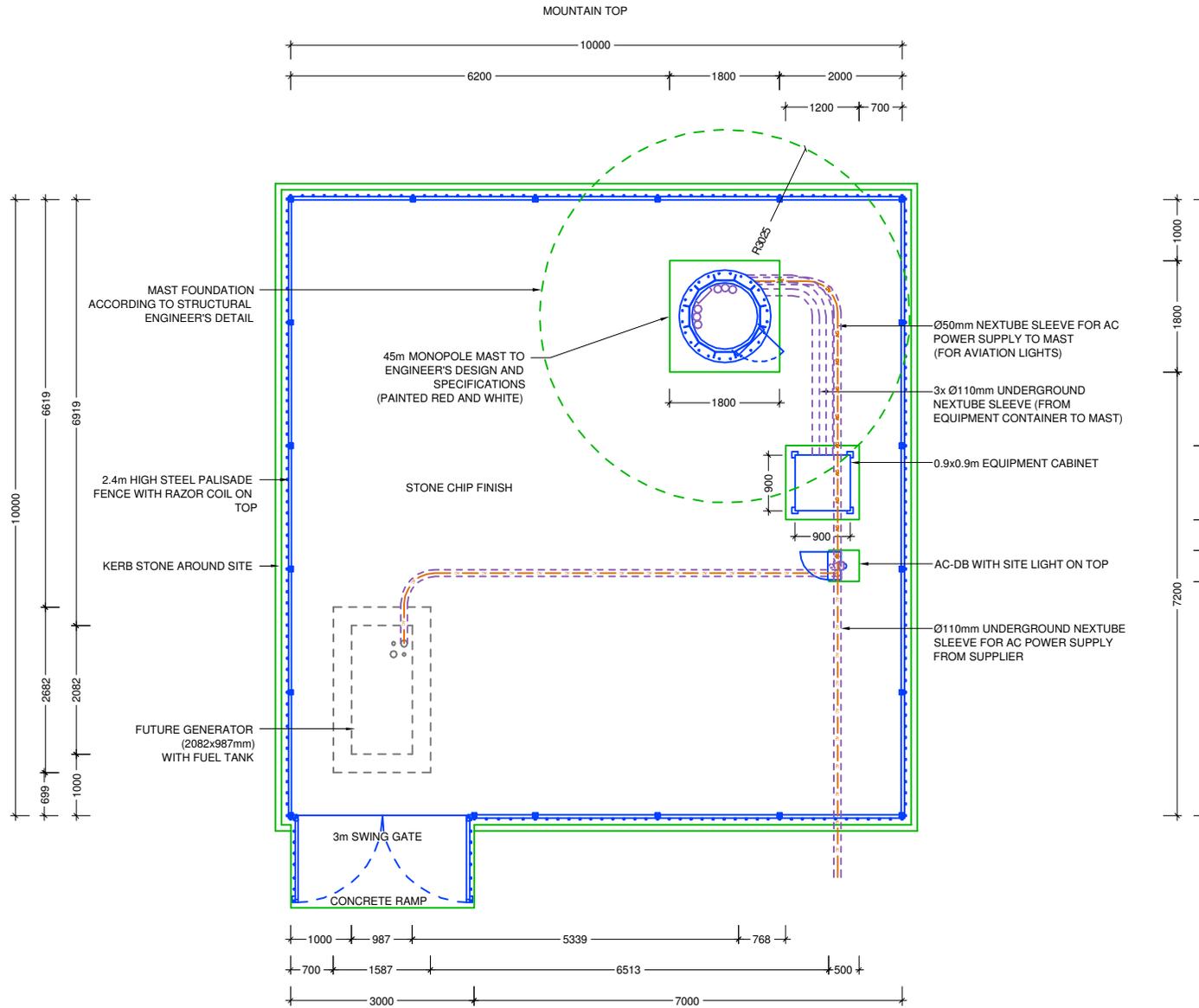
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0	8 OF 11	1	1:75

SITE NO:  
**107560**  
SITE NAME AND ADDRESS:  
**LOOTSBERG PASS EAST**  
OFF THE N9,  
MIDDELBURG TO GRAAFF REINET,  
ON LEFT HAND SIDE,  
EASTERN CAPE



THE FARM  
305

SITE DETAIL: ALTERNATIVE 2

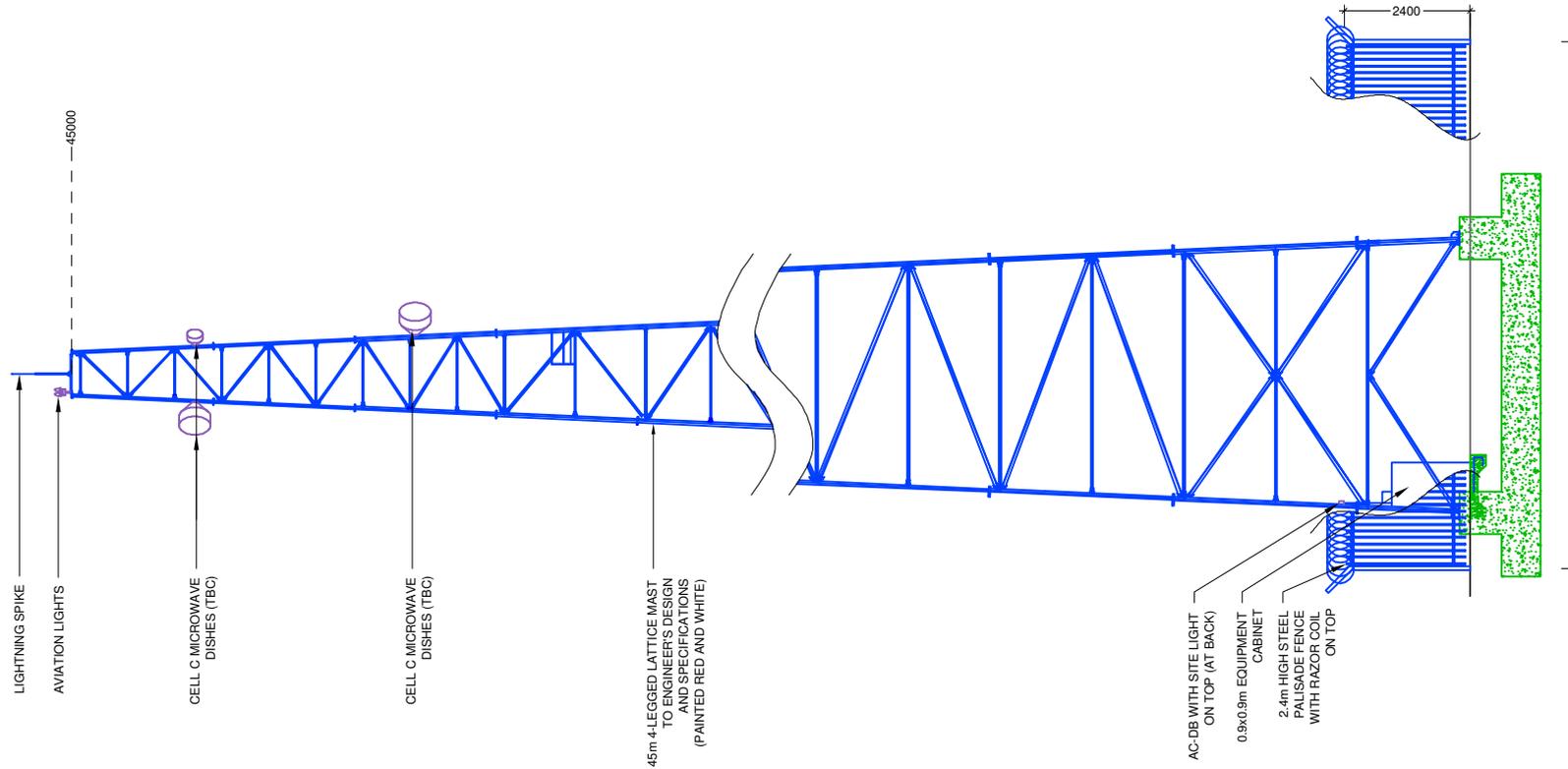
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(PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS

### CELL C ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)	MICROWAVE DISH DIAMETER (m)
1	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
2	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
3	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC



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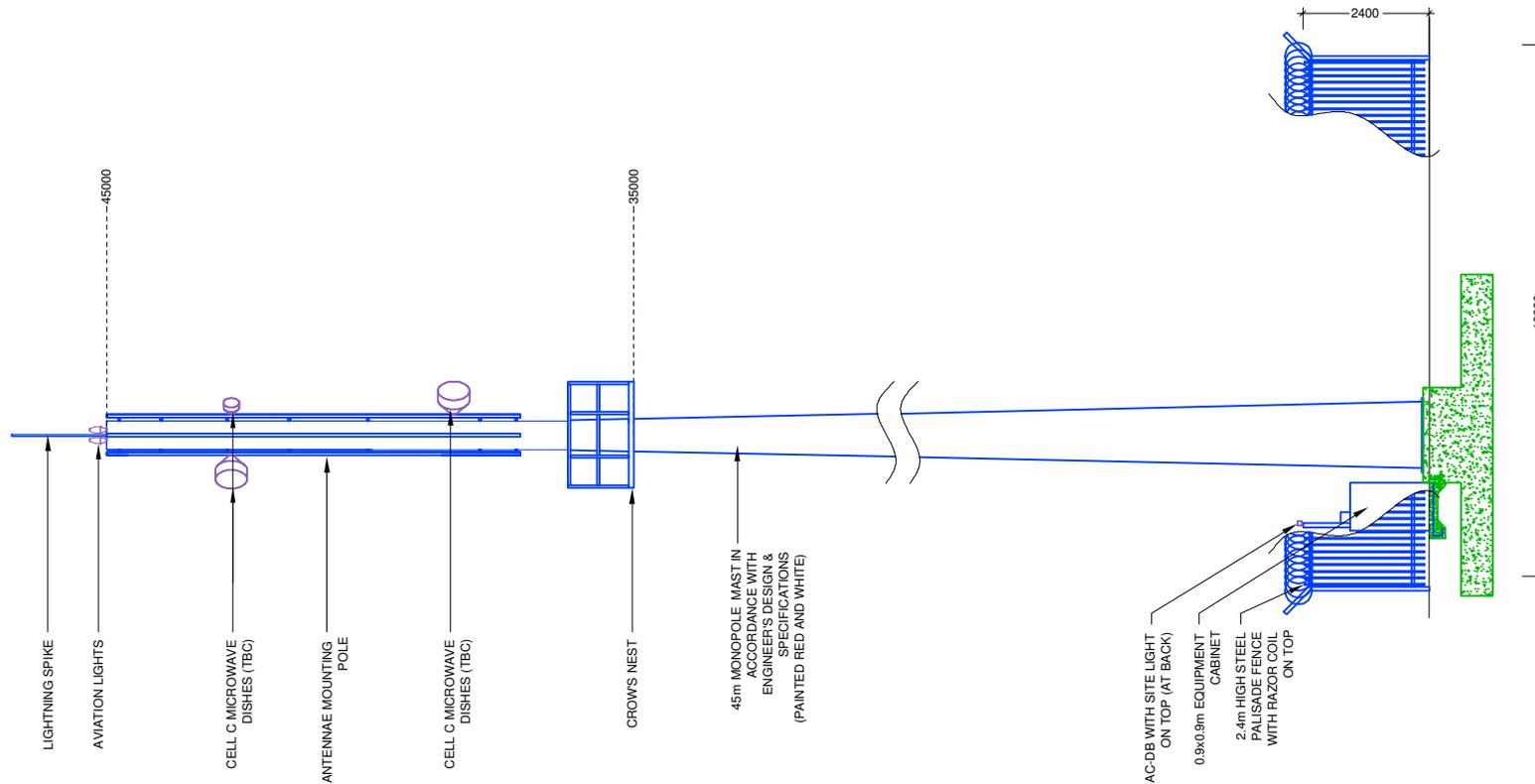
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ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS

NORTH ELEVATION: ALTERNATIVE 1

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PROJECT: NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
DRAWN BY: PHATHU MULIDZWI			
PROPERTY DESCRIPTION: THE FARM 305 MIDDELBURG RD			
OWNER: JAGTPOORT BOERDERY C C			
COORDINATES: LAT: -31.835700° LONG: 24.864561°			
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>Marion Office Park Tel: +27 (11) 324 4000 Private Bag X36 150 Rivonia Road Fax: +27 (11) 324 4401 Benmore Sandown 2010</p>			
<p>163 Hendrik Verwoerd Drive 1 Ygerberg Office Park Bergzicht Building Platteklief Cape Town, 7500</p>			
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0	9 OF 11	1	1:100
SITE NO: <b>107560</b>			
SITE NAME AND ADDRESS: <b>LOOTSBERG PASS EAST</b> OFF THE N9, MIDDELBURG TO GRAAFF REINET, ON LEFT HAND SIDE, EASTERN CAPE			

CELL C ANTENNAE KEY								
SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)	MICROWAVE DISH DIAMETER (m)
1	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
2	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
3	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC



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

NORTH ELEVATION: ALTERNATIVE 2

NO.	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
PROJECT: NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
DRAWN BY: PHATHU MULIDZWI			
PROPERTY DESCRIPTION: THE FARM 305 MIDDELBURG RD			
OWNER: JAGTPOORT BOERDERY C C			
COORDINATES: LAT: -31.835700° LONG: 24.864561°			
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><b>CELL C™</b> THE POWER IS IN YOUR HANDS www.cellc.co.za</p> <p>Marion Office Park Tel: +27 (11) 324 4000 Private Bag X36 150 Rivonia Road Sandown Fax: +27 (11) 324 4401 Benmore 2010</p>			
<p>163 Hendrik Verwoerd Drive Tygerberg Office Park Bergzicht Building Platteklief Cape Town, 7500</p>			
<p>414 Rustic Road Silvertondale 0184 Tel: +27 (12) 904 1504/6 Fax: +27 (12) 904 7072 admin@torbiousesolutions.co.za P.O. Box 32017 Totiusdal 0134</p>			
REVISION:	SHEET NO:	ISSUE:	SCALE:
0	10 OF 11	1	1:100
SITE NO: <b>107560</b>			
SITE NAME AND ADDRESS: <b>LOOTSBERG PASS EAST</b> OFF THE N9, MIDDELBURG TO GRAAFF REINET, ON LEFT HAND SIDE, EASTERN CAPE			

ALTERNATIVE 1



TYPICAL 4-LEGGED LATTICE MAST  
(PAINTED RED AND WHITE)

ALTERNATIVE 2



TYPICAL MONOPOLE MAST  
(PAINTED RED AND WHITE)

NO.	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
PROJECT: NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
DRAWN BY: PHATHU MULIDZWI			
PROPERTY DESCRIPTION: THE FARM 305 MIDDELBURG RD			
OWNER: JAGTPOORT BOERDERY C C			
COORDINATES: LAT: -31.835700° LONG: 24.864561°			
<b>APPROVALS:</b>			
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: _____			
 <b>CELL CO™</b> THE POWER IS IN YOUR HANDS <small>www.cellco.co.za</small>			
<small>Marion Office Park 156 Rivonia Road Sandown</small> <small>Tel: +27 (11) 324 4000 Fax: +27 (11) 324 4401</small> <small>Private Bag X36 Bermore 2010</small>			
 <b>ZTE中兴</b> <small>163 Hendrik Verwoerd Drive Tygerberg Office Park Sengisicht Building Plattefloof Cape Town, 7500</small>			
 <b>TURBIOOUSE SOLUTIONS</b> <small>414 Rustic Road Silvertondale 0184</small> <small>Tel: +27 (12) 804 1504/6 Fax: +27 (12) 804 7072 admin@turbioousesolutions.co.za</small> <small>P.O. Box 32017 Totiusdal 0134</small>			
REVISION:	SHEET NO:	ISSUE:	SCALE:
0	11 OF 11	1	NTS
SITE NO: <b>107560</b>			
SITE NAME AND ADDRESS: <b>LOOTSBERG PASS EAST</b> OFF THE N9, MIDDELBURG TO GRAAFF REINET, ON LEFT HAND SIDE, EASTERN CAPE			

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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 (PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS

FACILITY ILLUSTRATION

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

**Appendix E: Comments and responses report**

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

Site number: 107560

Site Name: Lootsberg Pass East

EIA reference no.: NREC-131-004-2012

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	22/06/2012	The Municipal Manager	Inxuba Yethemba Local Municipality, PO Box 24, Cradock, 5880	Mzwandile Sydney Tantsi, Environmental Management Section, Fax: 0488811421	NA	Auto I&AP	No comments received	Sent Draft BAR
2	22/06/2012	The Ward Councillor	Inxuba Yethemba Local Municipality, PO Box 24, Cradock, 5880	TE Miners, Councillor Ward 6, Fax: 0488811421	NA	Auto I&AP	No comments received	Sent Draft BAR
3	22/06/2012	The District Municipality	Chris Hani District Municipality, 15 Bells Road, Queenstown 5319	Mr M Mbambisai, Environmental Management Section, Fax: 0458381582	NA	Auto I&AP	No comments received	Sent Draft BAR
4	22/06/2012	SAHRA	South African Heritage Resources Agency, 111 Harrington str, Cape Town, 8000; PO Box 4637, Cape Town, 8000	Mr P Hine/Mrs Colette Scheermeyer, Tel: 0214624502, Fax: 0214624509, Email: phine@sahra.org.za	NA	Auto I&AP	No comments received	Sent Draft BAR
5	02/02/2012	SACAA	Private Bag x73, Halfway House 1685	Tel: (011) 545 1000 Fax: (011) 545 1451	NA	Auto I&AP	Day & night markings required	Paint mast red & white and install red navigation lights.
6	22/06/2012	EWT	Endangered Wildlife Trust, PO Box 40, Middelburg, Eastern Cape, 5900	Bradley Gibbons, Cell: 0825665803, Email: bradleyg@ewt.org.za	Public Notice	04/07/2012	Applied to be registered as I&AP.	Acknowledged Registered as I&AP Sent Draft BAR
7	28/10/2011	Landowner	Box 354, Middelburg, Eastern Cape, 5900	Jagtpoort Boerdery CC Neil Schoombee: Tel: (053) 004 0050, Email: jagtpoort@adsactive.com, Cell: 0828252082, Fax: 0530040050	Lease Negotiations	Land Owner	Signed Lease	Sent Draft BAR



## Wilbert Van't Foort

---

**From:** Lydia Malema  
**Sent:** 04 July 2012 03:13 PM  
**To:** Beverley Schöpf  
**Subject:** FW: EIA for proposed Cell C mast

-----Original Message-----

**From:** Bradley Gibbons [mailto:[bradleyg@ewt.org.za](mailto:bradleyg@ewt.org.za)]  
**Sent:** Wednesday, July 04, 2012 3:01 PM  
**To:** Lydia Malema  
**Subject:** EIA for proposed Cell C mast

Good day

Please could you register me as an interested and affected party for the proposed Cell C mast on the Lootsberg Pass (Farm 305), Eastern Cape.

Regards  
Bradley

---

Bradley Gibbons  
African Crane Conservation Programme, Endangered Wildlife Trust P O Box 40, Middelburg,  
Eastern Cape, 5900  
Cell: +27 (0) 82 566 5803  
Email: [bradleyg@ewt.org.za](mailto:bradleyg@ewt.org.za)

EWT Website: <http://www.ewt.org.za>  
Blog: <http://endangeredwildlifetrust.wordpress.com/category/crane-call>

EWT VISION: "A healthy planet and an equitable world that values and sustains the diversity of all life".

This Project is supported by the IQ Foundation, Lufthansa, Cranefield College and the SeaWorld and Busch Gardens Conservation Fund

This E-mail message and its attachments are subject to the disclaimers published at <http://www.ewt.org.za>

Please take note:

The Endangered Wildlife Trust is an Empowerdex accredited Socio Economic Development Organisation who achieved a 100% rating and is also an Empowerdex accredited Qualified Small Enterprise Level 5 Contributor and is a 125% Value Adding Supplier

Endangered Wildlife Trust is in a position to provide a section 18a tax certificate

## Wilbert Van't Foort

---

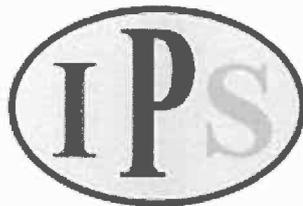
**From:** Beverley Schöpf  
**Sent:** 09 July 2012 01:57 PM  
**To:** 'bradleyg@ewt.org.za'  
**Subject:** 120709 107560 Lootsberg Pass East - Registration as an Interested and Affected Party

Dear Mr Gibbons

We herewith wish to acknowledge receipt of your correspondence, the contents of which has been noted. We further wish to confirm that you have been registered as an Interested and Affected Party on our register.

Kind regards

Beverley Schopf



### 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](mailto:admin@infraplan.co.za)

**Recipient**  
'bradleyg@ewt.org.za'  
Wilbert Van't Foort

**Delivery**  
Delivered: 09/07/2012 01:57 PM

## Wilbert Van't Foort

---

**From:** System Administrator  
**To:** Wilbert Van't Foort  
**Sent:** 09 July 2012 01:57 PM  
**Subject:** Delivered: 120709 107560 Lootsberg Pass East - Registration as an Interested and Affected Party

Your message

To: [bradleyg@ewt.org.za](mailto:bradleyg@ewt.org.za)  
Subject: 120709 107560 Lootsberg Pass East - Registration as an Interested and Affected Party  
Sent: 09/07/2012 01:57 PM

was delivered to the following recipient(s):

Wilbert Van't Foort on 09/07/2012 01:57 PM

## Wilbert Van't Foort

---

**From:** Mail Delivery System [MAILER-DAEMON@ewt.org.za]  
**Sent:** 09 July 2012 02:01 PM  
**To:** Beverley Schöpf  
**Subject:** Successful Mail Delivery Report  
**Attachments:** Delivery report; Message Headers

This is the mail system at host birdie.ewt.org.za.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<[bradleyg@ewt.org.za](mailto:bradleyg@ewt.org.za)>: delivery via local: delivered to command: procmail -a  
"\$EXTENSION"

## Wilbert Van't Foort

---

**From:** Bradley Gibbons [bradleyg@ewt.org.za]  
**Sent:** 11 July 2012 05:15 PM  
**To:** Beverley Schöpf  
**Subject:** RE: 120709 107560 Lootsberg Pass East - Registration as an Interested and Affected Party

Dear Beverley

Thanks very much for the e-mail and for registering me as an interested and affected party

Regards

Bradley

---

**From:** Beverley Schöpf [mailto:beverley@infraplan.co.za]  
**Sent:** 09 July 2012 01:57 PM  
**To:** bradleyg@ewt.org.za  
**Subject:** 120709 107560 Lootsberg Pass East - Registration as an Interested and Affected Party

Dear Mr Gibbons

We herewith wish to acknowledge receipt of your correspondence, the contents of which has been noted. We further wish to confirm that you have been registered as an Interested and Affected Party on our register.

Kind regards

Beverley Schopf



### INFRASTRUCTURE PLANNING SERVICES

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Tel. (012) 804 1504/6

Fax (012) 804 7072

**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

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**Environmental Management Plan For The Construction Of A Base Transceiver Station**

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## 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 environmental 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 Construction Of A Base Transceiver 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 range 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.			

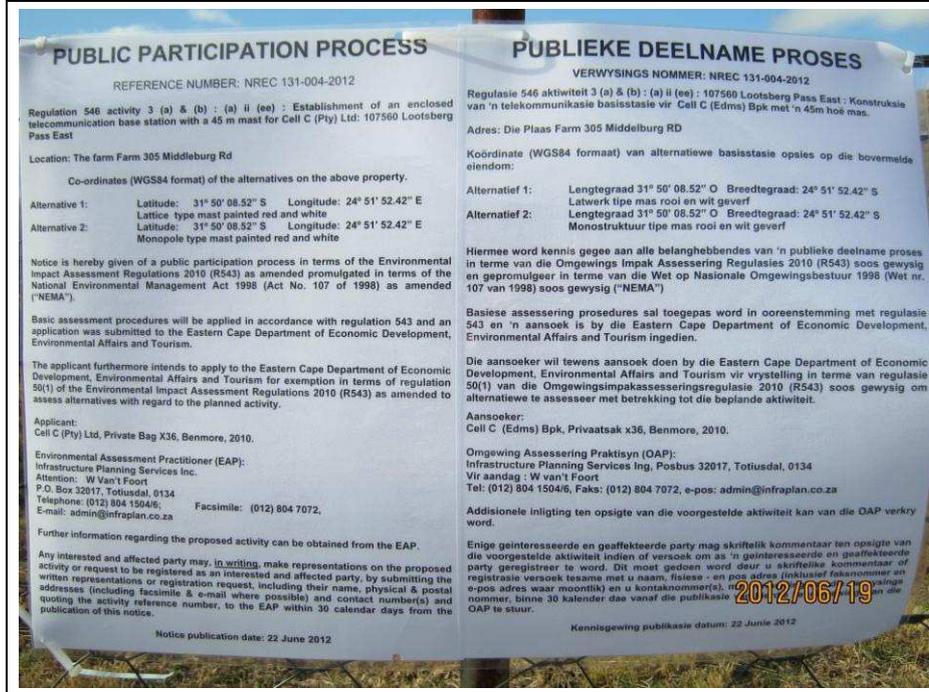
**7. REVISION HISTORY**

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



**G1 –Proof of Site Notice**

# Proof of Site Notice



**Site Notice 1 affixed to gate**

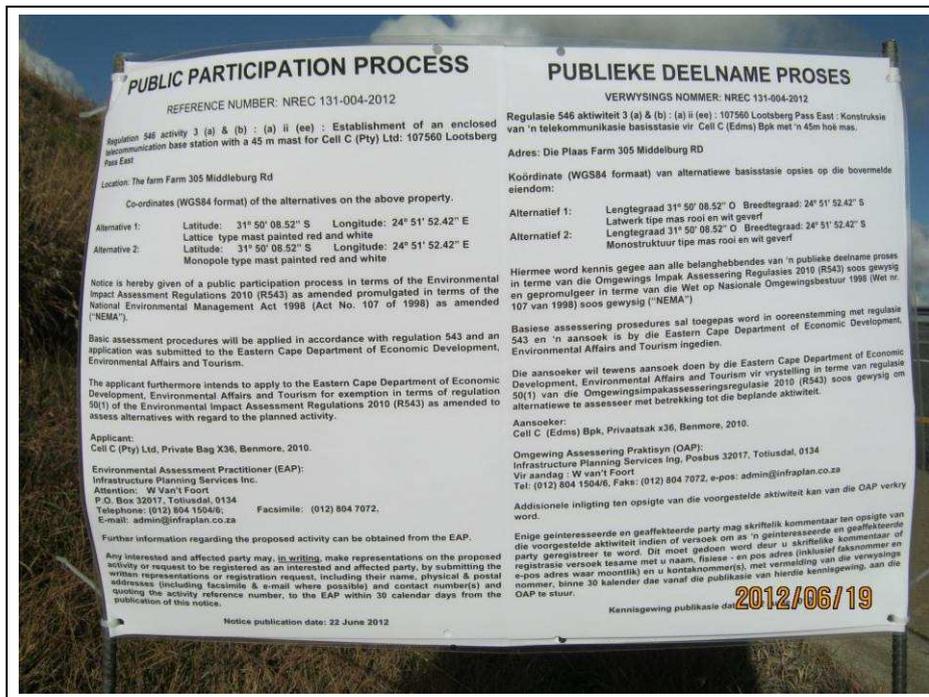


**Site Notice 1 affixed to gate**

# Proof of Site Notice



Site Notice 1 affixed to gate



Site Notice 2 affixed to temporary stand next to main road

# Proof of Site Notice

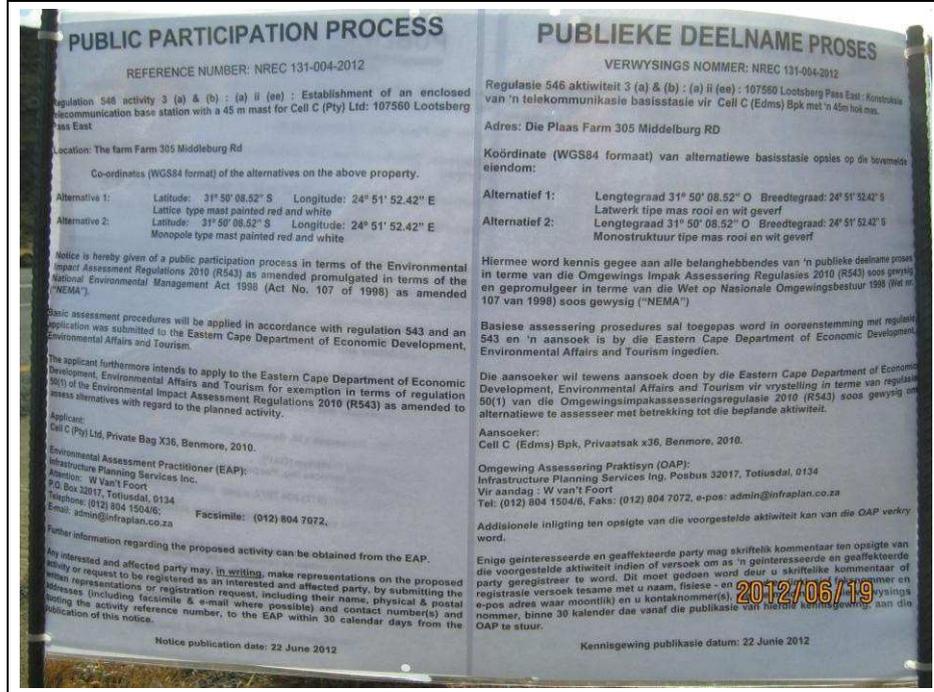


**Site Notice 2 affixed to temporary stand next to main road**

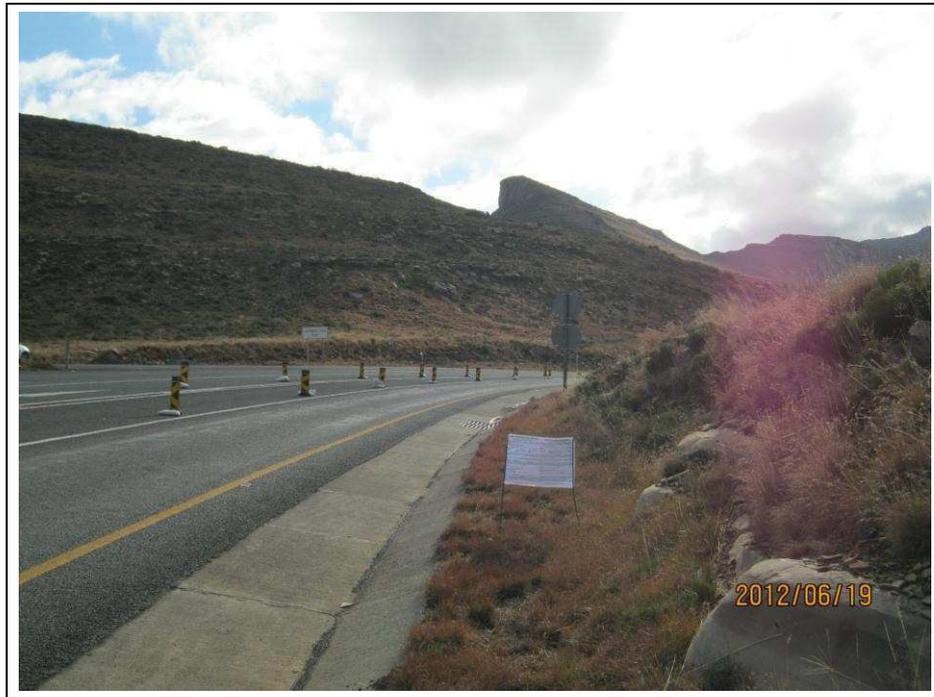


**Site Notice 2 affixed to temporary stand next to main road**

# Proof of Site Notice

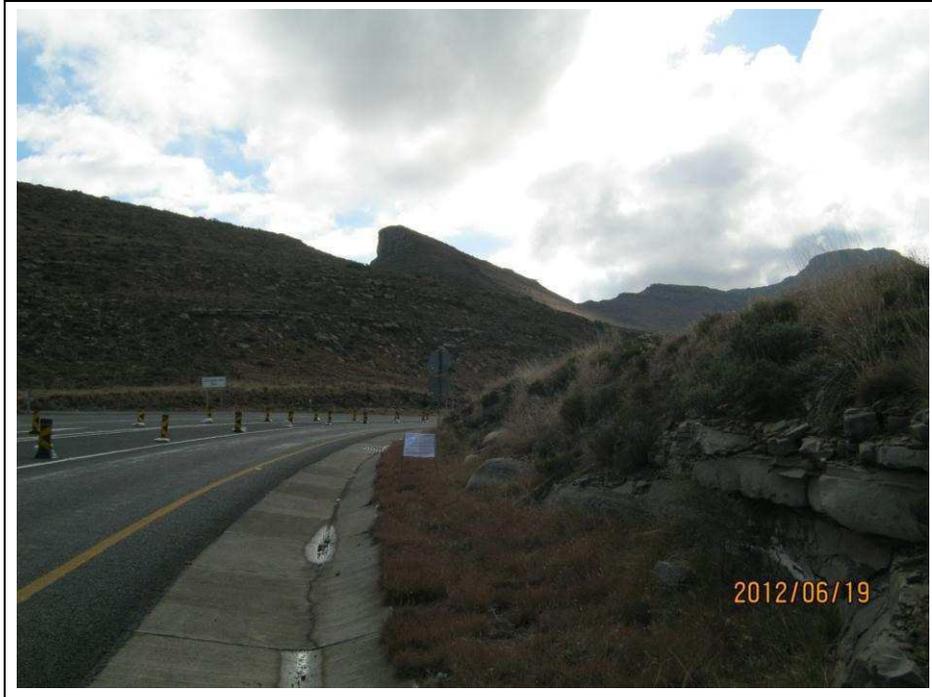


Site Notice 3 affixed to temporary stand next to main road



Site Notice 3 affixed to temporary stand next to main road

# Proof of Site Notice



**Site Notice 3 affixed to temporary stand next to main road**

**G2 – Written notices**



# 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](mailto:admin@infraplan.co.za)

Our Reference:

107560 / NREC 131-004-2012

Your Reference:

22 June 2012

The Municipal Manager  
Inxuba Yethemba Local Municipality  
PO Box 24  
Cradock  
5880

Attention: Mzwandile Sydney Tantsi

Environmental Management Section

Facsimile: 048 881 1421

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 (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDLEBURG RD**

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: Vukani IPS Inc.

**Comments:**

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Destination	Start Time	Time	Prints	Result	Note
0488811421	06-22 09:29	00:03:18	012/012	OK	

Note TX: Timer TX, POL: Polling, ORS: 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, RL: 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.



**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. 2001/014236/21  
 Tel. (012) 804 1504/6  
 Fax (012) 804 7072

Our Reference:  
**107560 / NREC 131-004-2012**

Your Reference:

22 June 2012

The Municipal Manager  
 Inxuba Yethemba Local Municipality  
 PO Box 24  
 Cradock  
 5880

Attention: Mzwandile Sydney Tantsi  
 Environmental Management Section  
 Facsimile: 048 881 1421

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 (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDLEBURG RD**

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

Kind Regards,

*W. van't Foort*  
**WA VAN'T FOORT**  
 For: Vukani IPS Inc.

Comments:

---



---



---

NO	DATE	DESCRIPTION
0	17/07/2012	FIRST ISSUE

**PROJECT**  
 NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD

**CLIENT**  
 DIBAWI SY BHATHU MULOZIMI  
 THE FARM 305  
 MIDDELBURG RD  
 MIDDELBURG

**OWNER**  
 JAGTPOORT BERDERY C C

**COORDINATES**  
 LAT -31.835700  
 LONG 24.694351

**APPROVALS:**

**CELL C RF PLANNER**  
 Signature \_\_\_\_\_  
 Date \_\_\_\_\_

**CELL C IMPLEMENTATION**  
 Signature \_\_\_\_\_  
 Date \_\_\_\_\_

**CELL C REAL ESTATE COORDINATOR**  
 Signature \_\_\_\_\_  
 Date \_\_\_\_\_

**CELL C ENGINEER**  
 Name \_\_\_\_\_  
 Signature \_\_\_\_\_  
 Number \_\_\_\_\_

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 www.cellc.co.za  
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 100 Private Road, P.O. Box 113, 211, 4081  
 Johannesburg  
 Pretoria: P.O. Box 124, 4020  
 100 Private Road, P.O. Box 113, 211, 4081  
 Johannesburg  
 Cape Town: P.O. Box 124, 4020  
 100 Private Road, P.O. Box 113, 211, 4081  
 Johannesburg

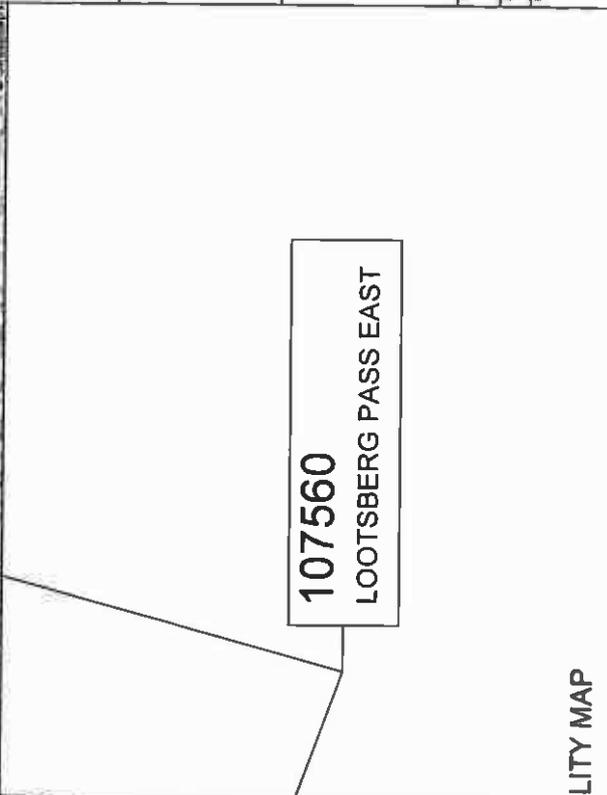
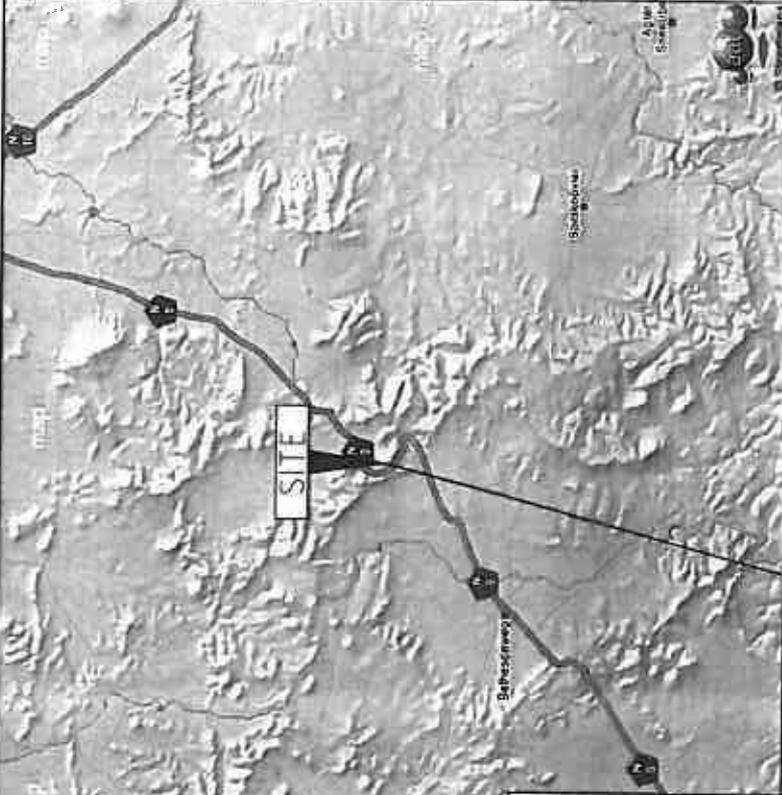
**ZTE中兴**  
 183 Henrich Verwoerd Drive  
 Technology Office Park  
 Protea Ridge, Midrand  
 Johannesburg  
 Cape Town 7900

**TURBOHOUSE SOLUTIONS**  
 414 Atlantic Road  
 Tel: +27 (0) 21 954 1949  
 Fax: +27 (0) 21 954 1948  
 Email: info@turbohousesolutions.co.za  
 P.O. Box 33047  
 Newlands, Cape Town  
 7801

REVISION	SHEET NO	ISSUE	SCALE
0	1 OF 11	1	NT6

**SITE NO**  
107560

**SITE NAME AND ADDRESS**  
 LOOTSBERG PASS EAST  
 OFF THE N8  
 MIDDELBURG TO GRAAFF REINET  
 ON LEFT HAND SIDE,  
 EASTERN CAPE

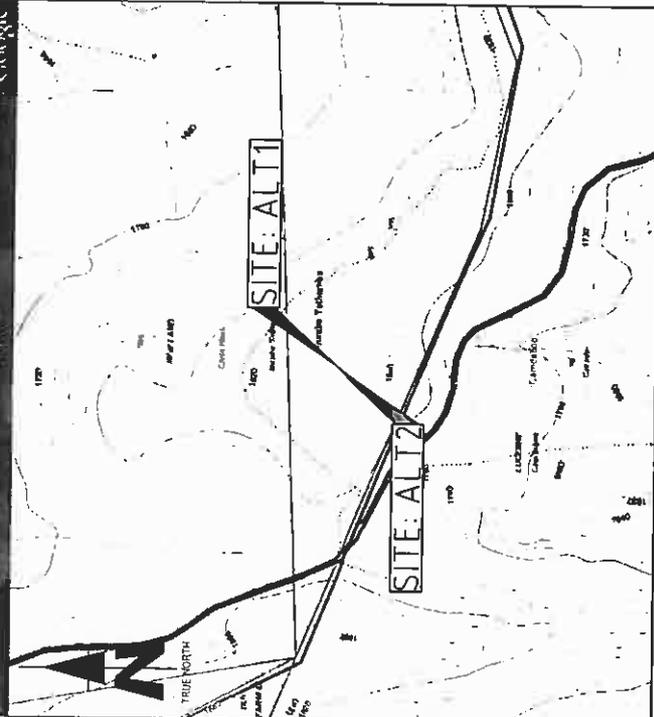
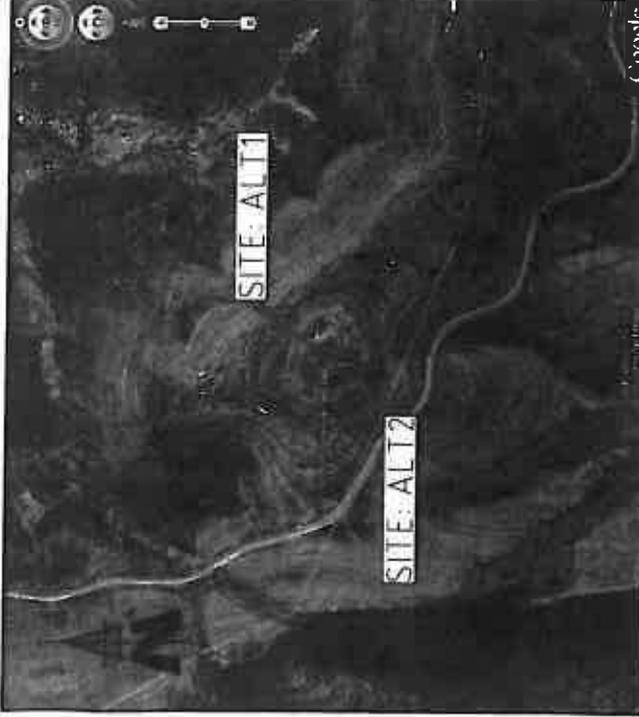


**107560**  
**LOOTSBERG PASS EAST**

**LOCALITY MAP**

**Strictly Company Confidential**

DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS  
 SHOULD BE USED. DIMENSIONS MUST BE VERIFIED ON SITE BEFORE  
 COMMENCEMENT OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C  
 (PTY) LTD'S SITE INFRASTRUCTURE SPECIFICATIONS.



Strictly Company Confidential

DRAWING MUST NOT BE SCALED. ONLY MEASURED 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

3.6.2.

The numerical data of this diagram are sufficiently consistent.

192  
17/01/2010. JF

*Maingard*

Sides	Angles
aA 345.00	a 20.40.20
bA 130.00	b 108.18.70
cA 390.18	c 167.42.30
dA 300.10	d 108.14.20
eA 181.34	e 108.38.0
fA 181.70	f 108.21.60
gA 658.38	g 178.23.20
hA 890.38	h 270.30.00
iA 750.78	i 78.23.20
jA 288.40	j 93.37.0
kA 340.11	k 135.30.0
lA 288.08	l 108.18.10
Σ a	Σ a 804.80.400

AS 94 4488-1

*Middelburg*

The Farm... No. 305

*Verify that the diagram bearings to the Xtra road take any landward easement of service of service.*

*to the Xtra road take any landward easement of service of service.*

The above diagram a to h, and a to l, represents a piece of GROWN LAND, being lot N° 7, in estate 2 B1, Mergers and 4.70 Square Roads, Situated in the division of Middelburg, field corner of Rhenostrom.

Bounded on the N.E. and W. by Venters Hoek; E. by Lot N° 0, S. by Twee-ponders, and Lot N° 5, and W. by Lot N° 8 and N° 9.

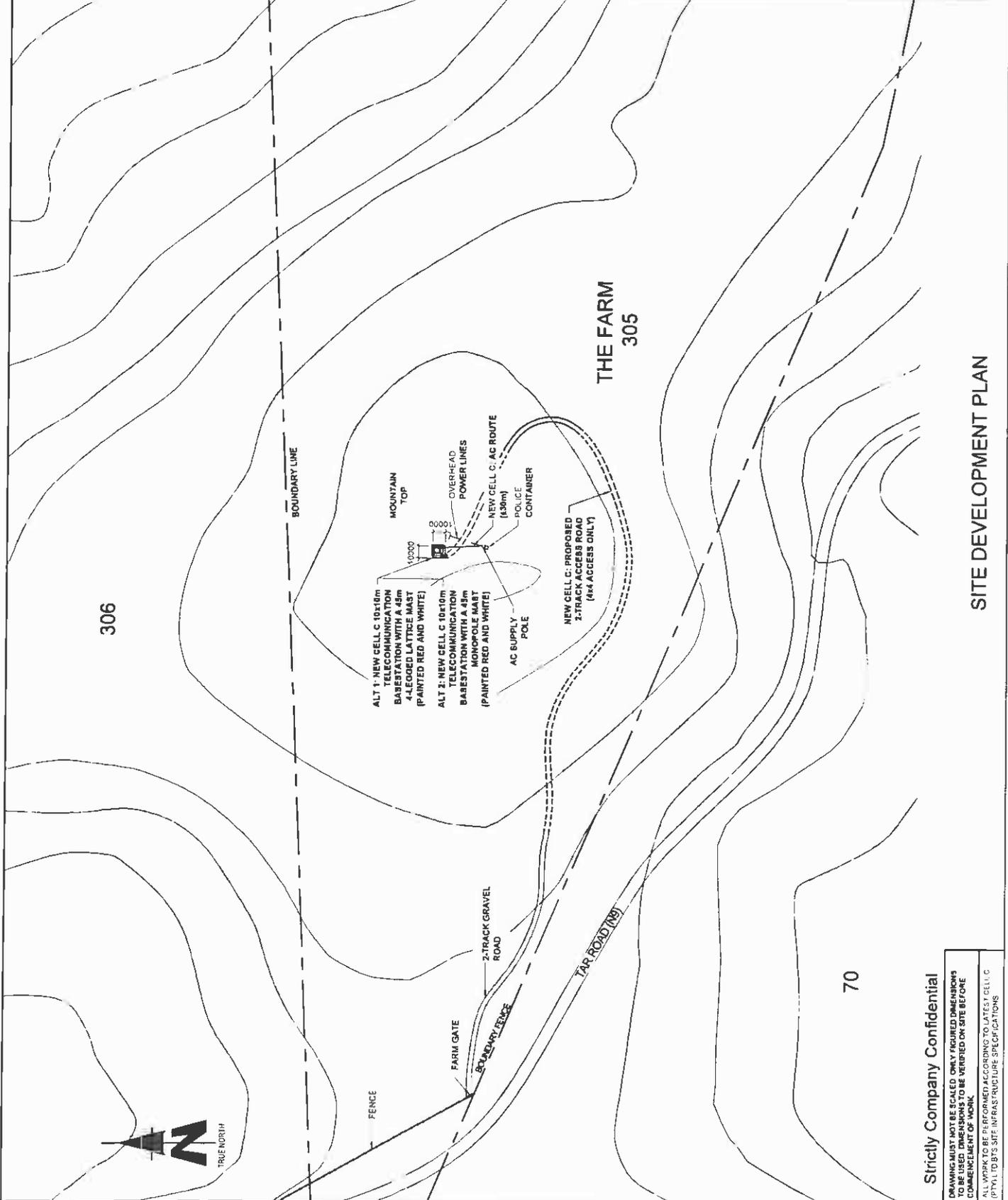
January 1890.

The bearing were shown to Asst. Registrar...  
by me  
*A. J. Middelburg*

NO	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE
PROJECT		
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD		
DRAWN BY: EMMATHU MULLIGAN		
PROJECT DESCRIPTION		
THE FARM 305		
MIDDELBURG RD		
OWNER		
JAGTPOORT BOERERY C C		
COORDINATES		
LAT -31.635708		
LONG 24.694951		
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>THE POWER IS IN YOUR HANDS</p> <p>Market Office Park 100 Riverside Road Durbanville Tel: +27 (0) 21 254 4000 Fax: +27 (0) 21 254 4041 2010</p>		
<p>183 Henricus Verweerd Drive 1711 Newlands Park Bellville P.O. Box 1204 Durbanville Tel: +27 (0) 21 254 4000 Fax: +27 (0) 21 254 4041 2010</p>		
<p>183 Henricus Verweerd Drive 1711 Newlands Park Bellville P.O. Box 1204 Durbanville Tel: +27 (0) 21 254 4000 Fax: +27 (0) 21 254 4041 2010</p>		
REVISION	SHEET NO	ISSUE
0	2 OF 11	1
SCALE		NT6
SITE NO	107580	
SITE NAME AND ADDRESS		
LOOTSBERG PASS EAST		
OFF THE MAIN		
MIDDLEBURG TO GRAAFF REINET		
ON LEFT HAND SIDE		
EASTERN CAPE		

CADASTRAL INFO

NO	DATE	DESCRIPTION
0	1/01/2012	FIRST ISSUE
<b>PROJECT</b> NEW 10x10m TELECOMMUNICATION BASE STATION WITH A 45m MAST FOR CELL C (PTY) LTD		
<b>DRAWN BY</b> PHATHU MUDZOM <b>PROPERTY DESCRIPTION</b> THE FARM 305 MIDDLEBURG RD		
<b>OWNER</b> JAGTPOORT BOERDERY C C		
<b>COORDINATES</b> LAT -31 03'57"00" LONG 24 06'45"91"		
<b>APPROVALS</b> <b>CELL C RF PLANNER</b> Signature _____ Date _____		
<b>CELL C IMPLEMENTATION</b> Signature _____ Date _____		
<b>CELL C REAL ESTATE CO-ORDINATOR</b> Signature _____ Date _____		
<b>CELL C ENGINEER</b> Name _____ Signature _____ Number _____		
<b>CELLO</b> <sup>TM</sup> <b>THE POWER IS IN YOUR HANDS</b> 1000 WILKS, SA 1000 Wilks Road, P.O. Box 12911, Pretoria, 0001 T: +27 (0) 11 324 4000 F: +27 (0) 11 324 4051 2010		
<b>ZTE中兴</b> 183 Henrich Vermeerd Drive Henrich Vermeerd Park Benoni, 1501 P.O. Box 12911 1501 Henrich Road, Pretoria, 0001 2010		
<b>TORRIHOUSE SOLUTIONS</b> 418 West Street Tel: +27 (0) 800 15000 Fax: +27 (0) 21 462 1111 0181		
REVISION	SHEET NO	ISSUE
0	3 OF 11	1
SCALE		1:3000
<b>BITE NO</b> 107560		
<b>SITE NAME AND ADDRESS</b> LLOOTSBURG PASS EAST THE FARM 305 MIDDLEBURG TO GRAAFF REINET ON LEFT HAND SIDE, EASTERN CAPE		

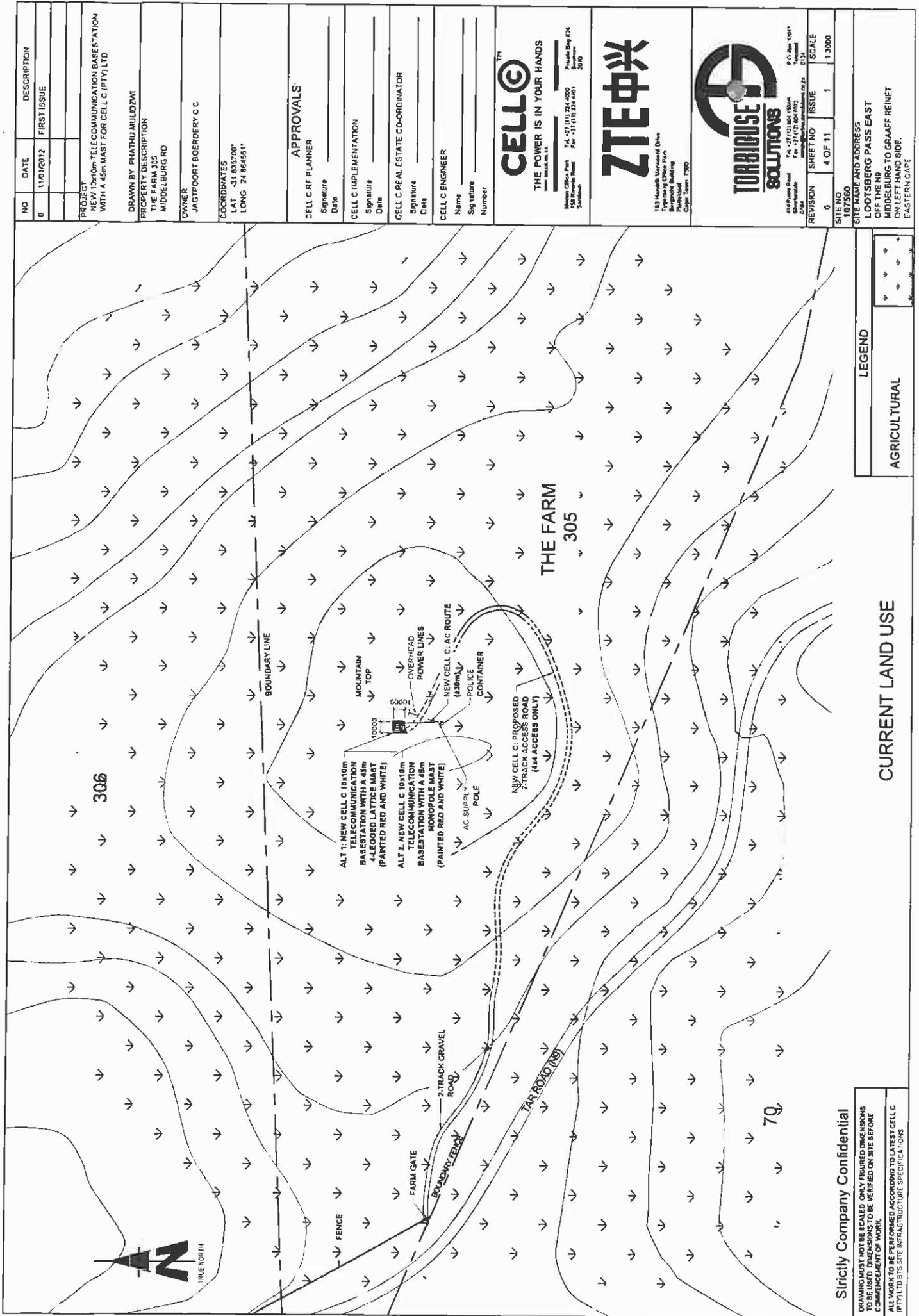


**SITE DEVELOPMENT PLAN**

**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'S SITE INFRASTRUCTURE SPECIFICATIONS



NO	DATE	DESCRIPTION
0	1/01/2012	FIRST ISSUE

PROJECT  
 NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD

DRAWN BY PHATHU MUDZIMI

PROPERTY DESCRIPTION  
 THE FARM 305  
 MIDDELBURG RD

OWNER  
 JAGTPOORT BOERERY C C

COORDINATES  
 LAT 31 453 700"  
 LONG 24 064 581"

APPROVALS

CELL C RF PLANNER  
 Signature \_\_\_\_\_  
 Date \_\_\_\_\_

CELL C IMPLEMENTATION  
 Signature \_\_\_\_\_  
 Date \_\_\_\_\_

CELL C REAL ESTATE COORDINATOR  
 Signature \_\_\_\_\_  
 Date \_\_\_\_\_

CELL C ENGINEER  
 Name \_\_\_\_\_  
 Signature \_\_\_\_\_  
 Number \_\_\_\_\_

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 Payable Day 216  
 South African Revenue Service  
 Tax Ref: 4000000000

**ZTE中兴**

113 Harcourt Viewward Drive  
 17 Harcourt Park  
 Midrand, Gauteng  
 1601  
 Cellar Team 1200

**TORRIBOUSE SOLUTIONS**

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 Midrand, Gauteng  
 1601  
 www.torrribouse.com  
 011 254 1111

REVISION	SHEET NO	ISSUE	SCALE
0	4 OF 11	1	1:3000

SHEET NO: 117/350

SITE NAME AND ADDRESS  
 LOOTSBERG PASS EAST  
 OFF THE MAIN  
 MIDDLEBURG TO GRAAFF REINET  
 ON LEFT HAND SIDE.  
 EASTERN CAPE

LEGEND

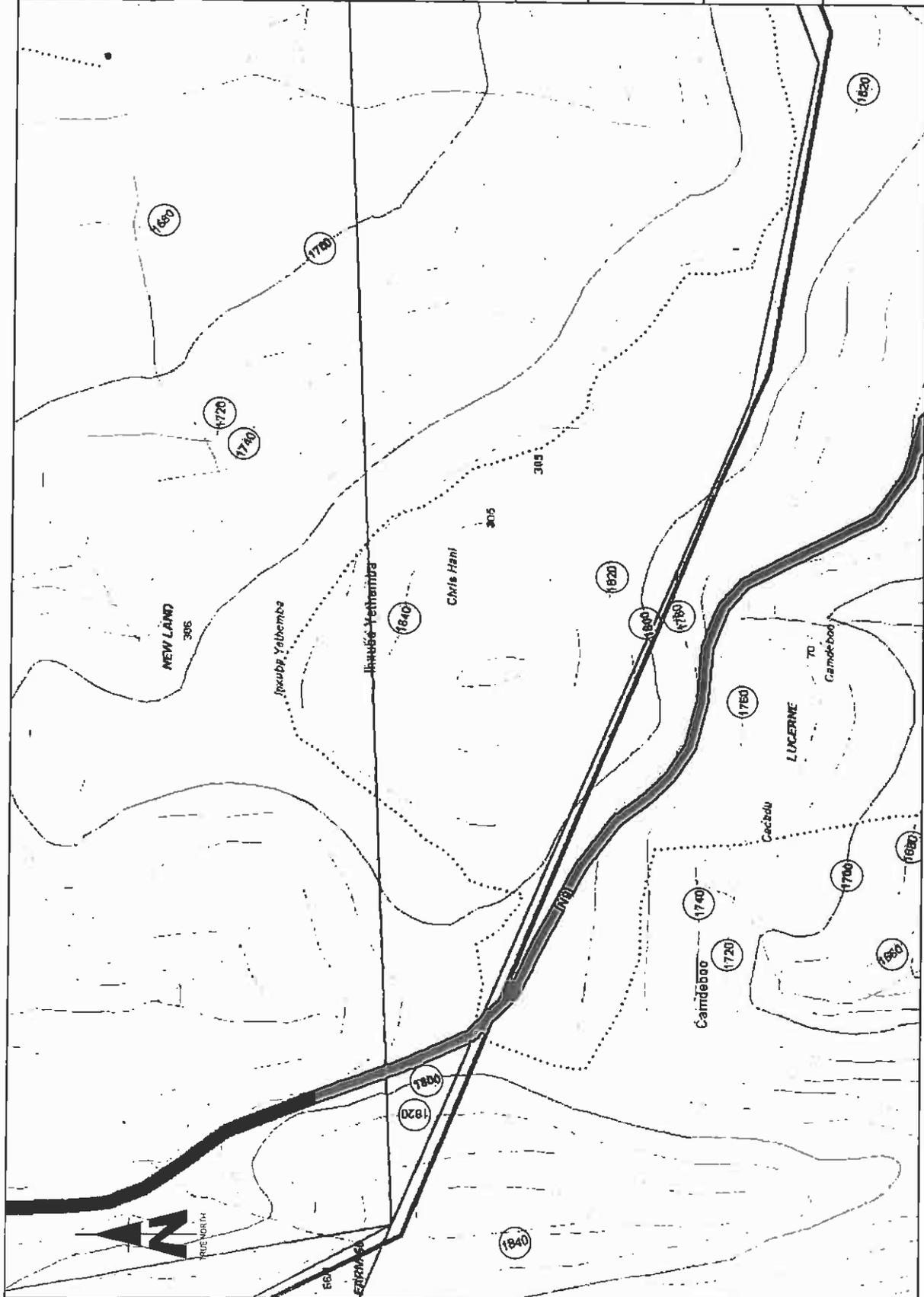
AGRICULTURAL

CURRENT LAND USE

Strictly Company Confidential

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



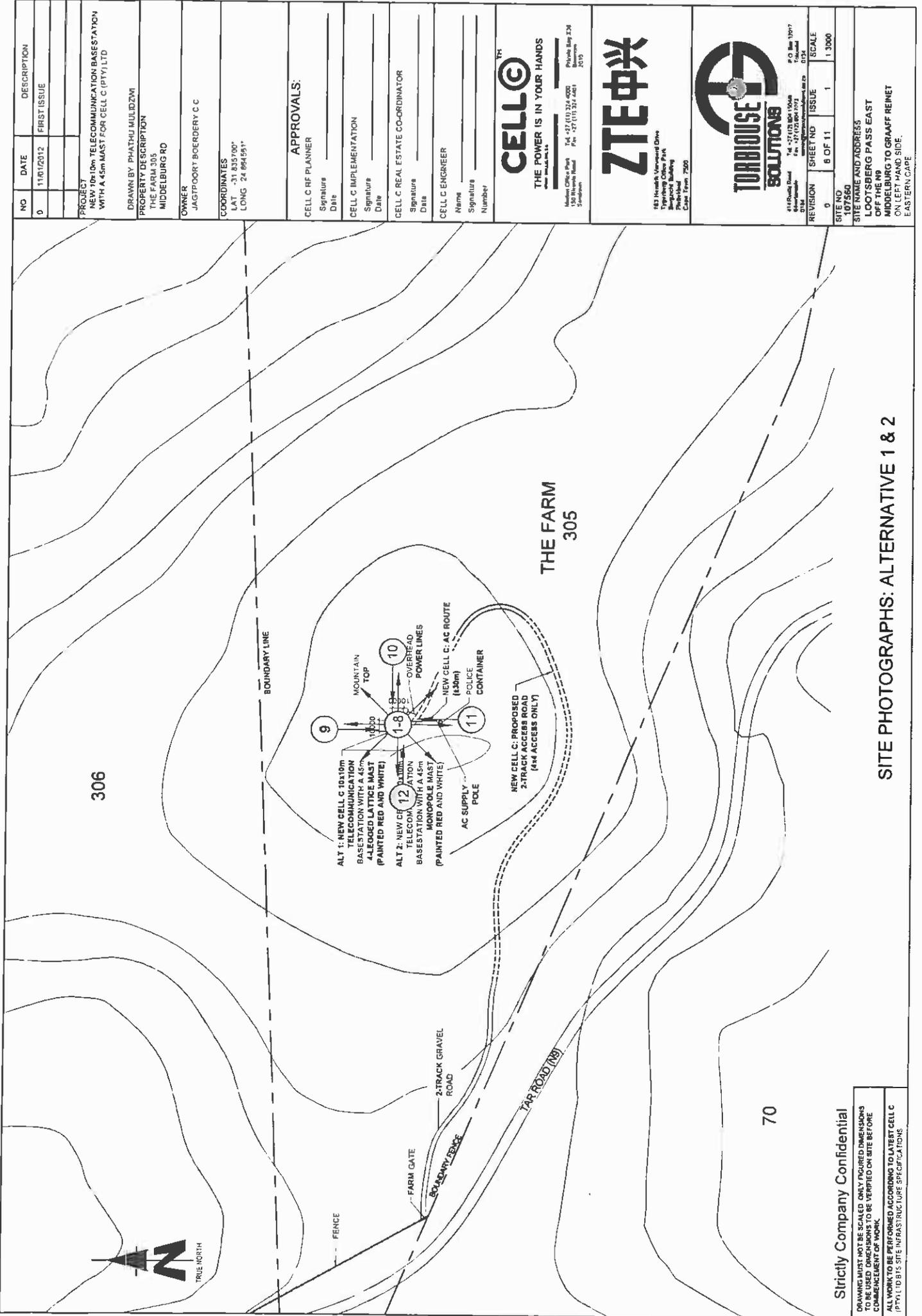
NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
<b>PROJECT</b> NEW 10+10m TELECOMMUNICATION BASE STATION WITH A 45m MAST FOR CELL C (PTY) LTD			
<b>DRAWN BY</b> PHATHUMULI DZEMI <b>PROPERTY DESCRIPTION</b> THE FARM 305 MIDDLEBURG RD			
<b>OWNER</b> JAGTPOORT BOERDERY C C			
<b>COORDINATES</b> LOT 14 834 907 LONG 24 064 991			
<b>APPROVALS</b> 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 _____			
<b>CELLO™</b> THE POWER IS IN YOUR HANDS 100 HANNOVER DRIVE MIDVALE, N.S.W.			
<b>ZTE中兴</b> 183 HANNOVER DRIVE MIDVALE, N.S.W. 2128 BONGONGONGI BUILDING PARKFIELD CLARE TOWN 2590			
<b>TORRHOUSE SOLUTIONS</b> 444 PINEHURST TEL: 07 4710 8000 0184 P.O. Box 22817 MIDVALE, N.S.W. 2128 www.torrhousesolutions.co.za			
REVISION	SHEET NO	ISSUE	SCALE
0	5 OF 11	1	NTS
<b>STAGING</b> 10750			
<b>SITE NAME AND ADDRESS</b> LOTSBERG PASS EAST OFF THE MAIN MIDDLEBURG TO GRAAFF REINET ON LEFT HAND SIDE. EASTERN CAPE			

Strictly Company Confidential

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 LATEST CELL C (PTY) LTD RFS SITE INFRASTRUCTURE SPECIFICATIONS

CONTOUR INTERVAL



306

THE FARM  
305

70

NO	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE

**PROJECT**  
NEW 10x10m TELECOMMUNICATION BASESTATION  
WITH A 45m MAST FOR CELL C (PTY) LTD

**DRAWN BY:** PHATHU MULDZWI  
**PROPERTY DESCRIPTION:**  
THE FARM 305  
MIDDELBURG RD

**OWNER:**  
JAGTPOORT BOERDERY C C

**COORDINATES**  
LAT -31 835'00"  
LONG 24 094'55"

**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 \_\_\_\_\_

**CELLO<sup>TH</sup>**  
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150 Wynlands Road, Sandton  
Tel: +27 (11) 321 4200  
Fax: +27 (11) 321 4401  
Pty Ltd  
2010

Physical Reg 234  
Business  
Registration  
No: 2010/0000000/07  
Company No: 2010/0000000/07

**ZTE中兴**

183 Henrich Venterweg Drive  
Typeberg Office Park  
Midrand, Gauteng  
Postal Code: 1656  
Cell: From 7500

**TORRHOUSE SOLUTIONS**

414 Rensburg Drive  
7th Floor, Sandton  
Tel: +27 (11) 801 1500  
Fax: +27 (11) 801 1712  
Pty Ltd  
2010

P.O. Box 17997  
Midrand  
1628

REVISION	SHEET NO	ISSUE	SCALE
0	8 OF 11	1	1:3000

SITE NO  
107560

SITE NAME AND ADDRESS  
LOOTSBERG PASS EAST  
OFF THE M9  
MIDDELBURG TO GRAAFF REINET  
ON LEFT HAND SIDE,  
EASTERN CAPE

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'S SITE INFRASTRUCTURE SPECIFICATIONS

SITE PHOTOGRAPHS: ALTERNATIVE 1 & 2





NO	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE

PROJECT  
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTV) LTD

DRAWN BY PHATHU MULIDZWI  
PROPERTY DESCRIPTION  
THE FARM 305  
MIDDELBURG

OWNER  
JAGTPOORT BDERY C C

COORDINATES  
LAT -31 835700  
LONG 24 994591

APPROVALS:  
CELL C RF PLANNER  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

CELL C IMPLEMENTATION  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

CELL C REAL ESTATE CO-ORDINATOR  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

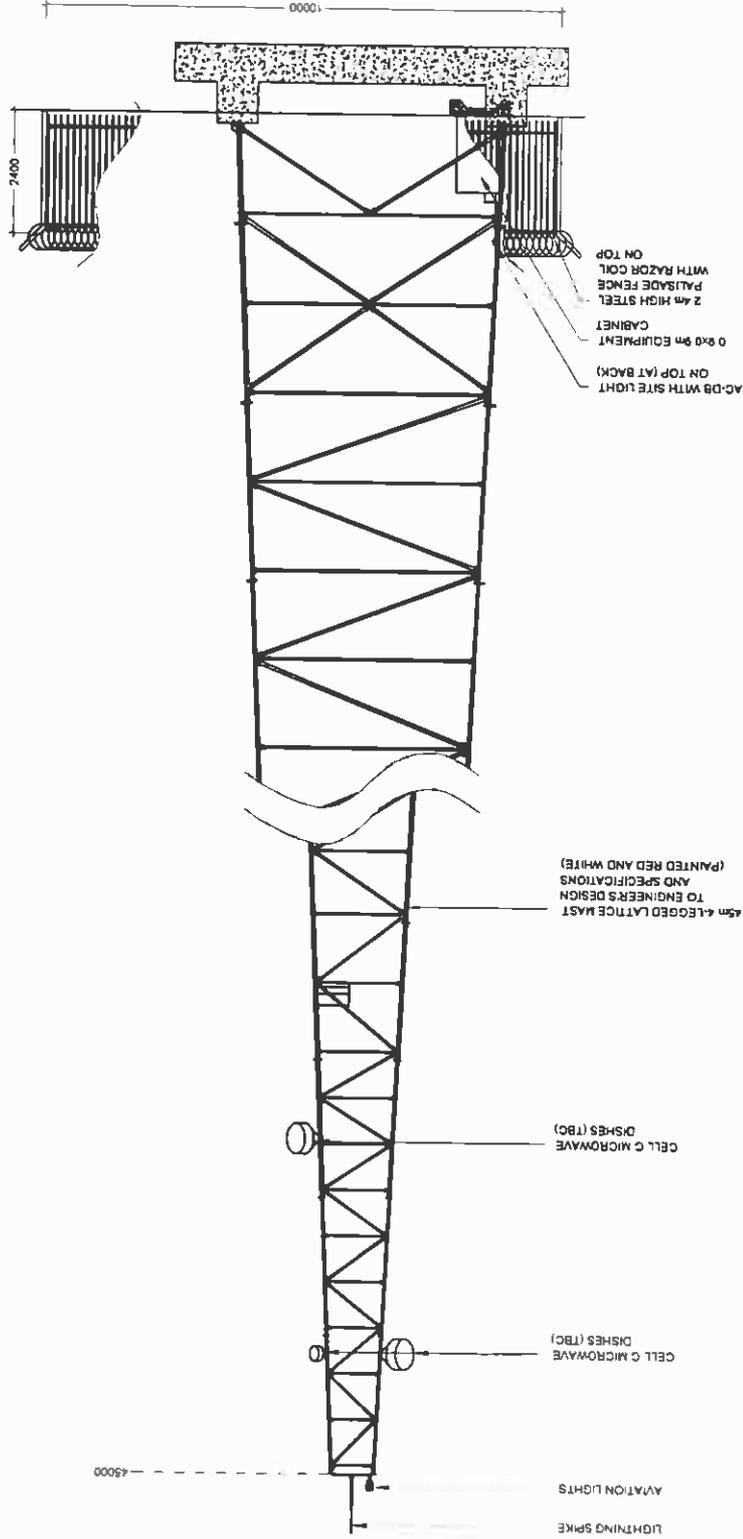
CELL C ENGINEER  
Name \_\_\_\_\_  
Signature \_\_\_\_\_  
Number \_\_\_\_\_

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Head Office: Park Road, 427 (11) 324 4000  
120 Princes Road, 427 (11) 324 4001  
Cape Town 7800

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ECS (Pty) Ltd  
111, 113, 115, 117, 119, 121, 123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147, 149, 151, 153, 155, 157, 159, 161, 163, 165, 167, 169, 171, 173, 175, 177, 179, 181, 183, 185, 187, 189, 191, 193, 195, 197, 199, 201, 203, 205, 207, 209, 211, 213, 215, 217, 219, 221, 223, 225, 227, 229, 231, 233, 235, 237, 239, 241, 243, 245, 247, 249, 251, 253, 255, 257, 259, 261, 263, 265, 267, 269, 271, 273, 275, 277, 279, 281, 283, 285, 287, 289, 291, 293, 295, 297, 299, 301, 303, 305, 307, 309, 311, 313, 315, 317, 319, 321, 323, 325, 327, 329, 331, 333, 335, 337, 339, 341, 343, 345, 347, 349, 351, 353, 355, 357, 359, 361, 363, 365, 367, 369, 371, 373, 375, 377, 379, 381, 383, 385, 387, 389, 391, 393, 395, 397, 399, 401, 403, 405, 407, 409, 411, 413, 415, 417, 419, 421, 423, 425, 427, 429, 431, 433, 435, 437, 439, 441, 443, 445, 447, 449, 451, 453, 455, 457, 459, 461, 463, 465, 467, 469, 471, 473, 475, 477, 479, 481, 483, 485, 487, 489, 491, 493, 495, 497, 499, 501, 503, 505, 507, 509, 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3583, 3585, 3587, 3589, 3591, 3593, 3595, 3597, 3599, 3601, 3603, 3605, 3607, 3609, 3611, 3613, 3615, 3617, 3619, 3621, 3623, 3625, 3627, 3629, 3631, 3633, 3635, 3637, 3639, 3641, 3643, 3645, 3647, 3649, 3651, 3653, 3655, 3657, 3659, 3661, 3663, 3665, 3667, 3669, 3671, 3673, 3675, 3677, 3679, 3681, 3683, 3685, 3687, 3689, 3691, 3693, 3695, 3697, 3699, 3701, 3703, 3705, 3707, 3709, 3711, 3713, 3715, 3717, 3719, 3721, 3723, 3725, 3727, 3729, 3731, 3733, 3735, 3737, 3739, 3741, 3743, 3745, 3747, 3749, 3751, 3753, 3755, 3757, 3759, 3761, 3763, 3765, 3767, 3769, 3771, 3773, 3775, 3777, 3779, 3781, 3783, 3785, 3787, 3789, 3791, 3793, 3795, 3797, 3799, 3801, 3803, 3805, 3807, 3809, 3811, 3813, 3815, 3817, 3819, 3821, 3823, 3825, 3827, 3829, 3831, 3833, 3835, 3837, 3839, 3841, 3843, 3845, 3847, 3849, 3851, 3853, 3855, 3857, 3859, 3861, 3863, 3865, 3867, 3869, 3871, 3873, 3875, 3877, 3879, 3881, 3883, 3885, 3887, 3889, 3891, 3893, 3895, 3897, 3899, 3901, 3903, 3905, 3907, 3909, 3911, 3913, 3915, 3917, 3919, 3921, 3923, 3925, 3927, 3929, 3931, 3933, 3935, 3937, 3939, 3941, 3943, 3945, 3947, 3949, 3951, 3953, 3955, 3957, 3959, 3961, 3963, 3965, 3967, 3969, 3971, 3973, 3975, 3977, 3979, 3981, 3983, 3985, 3987, 3989, 3991, 3993, 3995, 3997, 3999, 4001, 4003, 4005, 4007, 4009, 4011, 4013, 4015, 4017, 4019, 4021, 4023, 4025, 4027, 4029, 4031, 4033, 4035, 4037, 4039, 4041, 4043, 4045, 4047, 4049, 4051, 4053, 4055, 4057, 4059, 4061, 4063, 4065, 4067, 4069, 4071, 4073, 4075, 4077, 4079, 4081, 4083, 4085, 4087, 4089, 4091, 4093, 4095, 4097, 4099, 4101, 4103, 4105, 4107, 4109, 4111, 4113, 4115, 4117, 4119, 4121, 4123, 4125, 4127, 4129, 4131, 4133, 4

**CELL C ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC TILT	FEEDER SIZE	FEEDER LENGTH (m)	MICROWAVE DISH DIAMETER (m)
1	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
2	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
3	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC



**NORTH ELEVATION: ALTERNATIVE 1**

NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
PROJECT			
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
DRAWN BY: PHATHU MULLIDZWA			
PROPERTY DESCRIPTION			
THE FARM 305 MIDDLEBURG RD			
OWNER			
JAGTPOORT BOERDERY C C			
COORDINATES			
LAT -31.835700°			
LONG 24.894561°			
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>THE POWER IS IN YOUR HANDS</p> <p>100 Riverside Road Cape Town 7800</p> <p>Tel: +27 (0) 21 361 4000 Fax: +27 (0) 21 361 4001</p> <p>Mobile: +27 (0) 82 100 2010</p>			
<p>113 Hendrik Verwoerd Drive</p> <p>Springbok Drive, Fv1</p> <p>Midrand, Gauteng</p> <p>1700</p>			
<p>414 Phisoa Street</p> <p>1st Floor</p> <p>100 Riverside Road</p> <p>7800</p> <p>Tel: +27 (0) 21 361 4000 Fax: +27 (0) 21 361 4001</p> <p>Mobile: +27 (0) 82 100 2010</p>			
REVISION	SHEET NO	ISSUE	SCALE
0	9 OF 11	1	1:100
SITE NO			
107860			
SITE NAME AND ADDRESS			
LOOTSBERG PASS EAST			
OFF THE N9			
MIDDLEBURG TO GRAAFF REINET			
ON LEFT HAND SIDE.			
EASTERN CAPE			

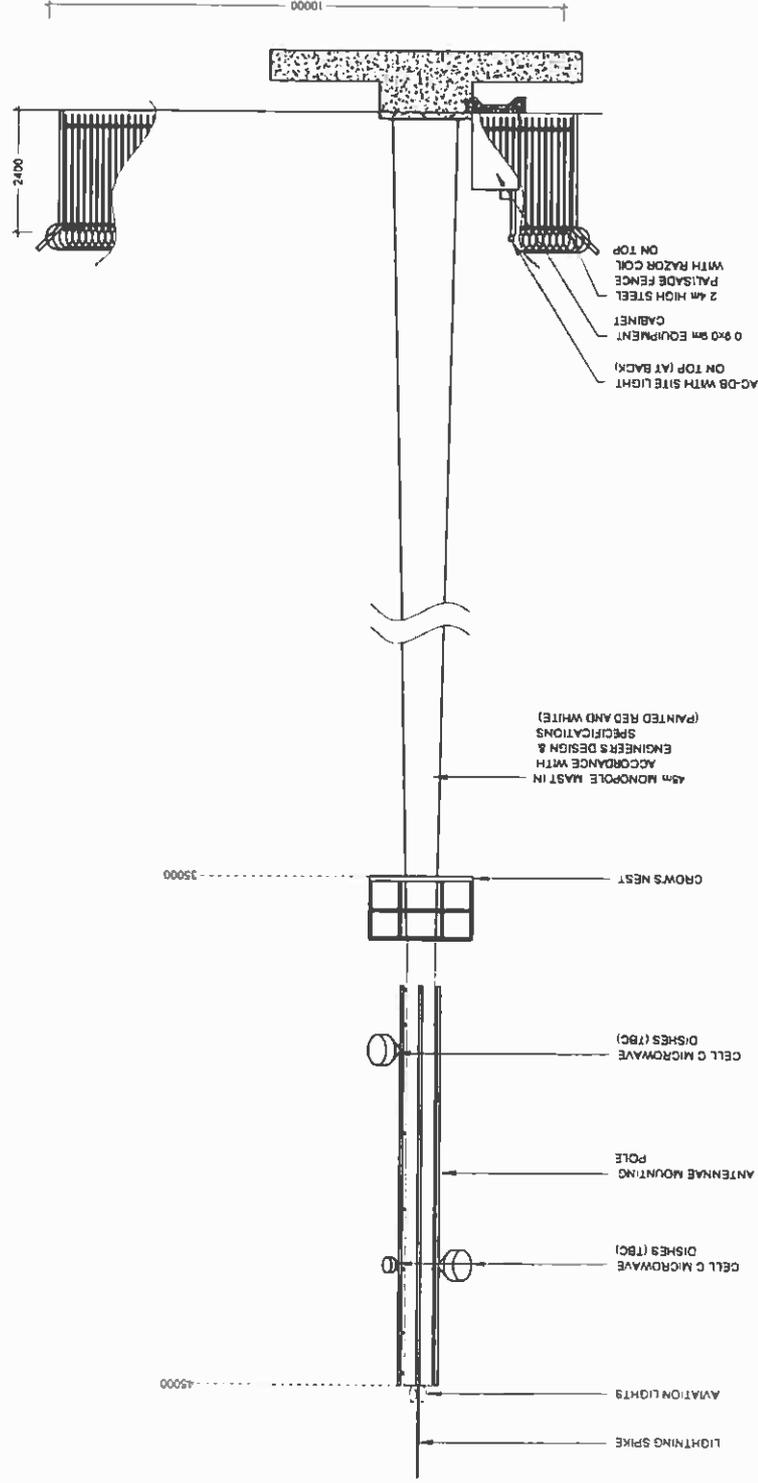
**Strictly Company Confidential**

DRAWINGS MUST NOT BE SCALED. ONLY VERIFIED 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

**CELL C ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)	MICROWAVE DISH DIAMETER (m)
1	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
2	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
3	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC



**NORTH ELEVATION: ALTERNATIVE 2**

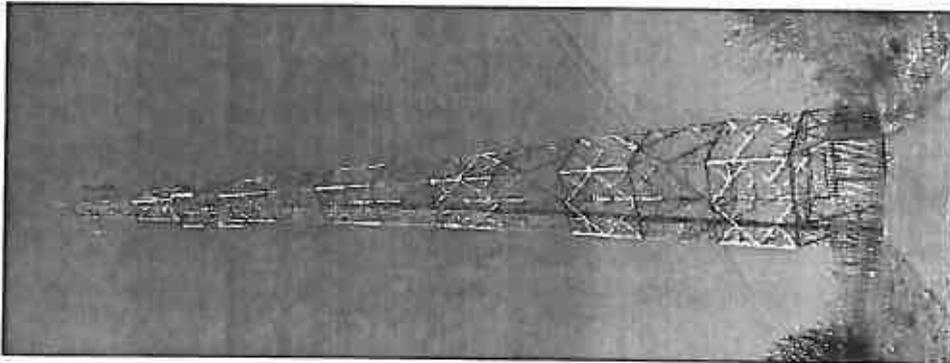
NO	DATE	DESCRIPTION	
0	1/10/2012	FIRST ISSUE	
PROJECT NEW 70m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
DRAWN BY: BHATHUJULIDZEM			
PROPERTY DESCRIPTION THE PALISADES MIDDELBURG RD MIDDELBURG			
OWNER JAGTPOORT BOEDERY C C			
COORDINATES LAT: 31 55 709" LONG: 24 04 481"			
APPROVALS			
CELL C RF PLANNER Signature: _____ Date: _____			
CELL C IMPLEMENTATION Signature: _____ Date: _____			
CELL C REAL ESTATE COORDINATOR Signature: _____ Date: _____			
CELL C ENGINEER Name: _____ Signature: _____ Number: _____			
<p>THE POWER IS IN YOUR HANDS</p> <p>111, Market Street, 2nd Floor, Johannesburg, South Africa Tel: +27 (11) 374 4000 Fax: +27 (11) 374 4001 Mobile: 082 900 2010</p>			
<p>111, Market Street, 2nd Floor, Johannesburg, South Africa Tel: +27 (11) 374 4000 Fax: +27 (11) 374 4001 Mobile: 082 900 2010</p>			
<p>111, Market Street, 2nd Floor, Johannesburg, South Africa Tel: +27 (11) 374 4000 Fax: +27 (11) 374 4001 Mobile: 082 900 2010</p>			
REVISION	SHEET NO	ISSUE	SCALE
D	10 OF 11	1	1:100
SITE NO: 107560			
SITE NAME AND ADDRESS: LOOTSBERG PASS EAST OFF THE NB MIDDELBURG TO GRAAFF REINET ON LEFT HAND SIDE EASTERN CAPE			

Strictly Company Confidential

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

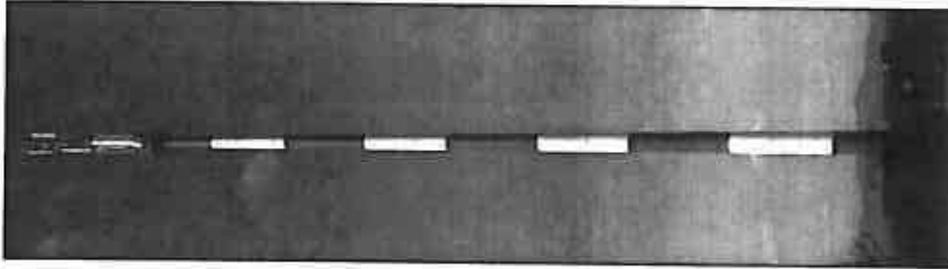
ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS

ALTERNATIVE 1



TYPICAL 4-LEGGED LATTICE MAST  
(PAINTED RED AND WHITE)

ALTERNATIVE 2



TYPICAL MONOPOLE MAST  
(PAINTED RED AND WHITE)

Strictly Company Confidential

DRAWINGS MUST NOT BE REPRODUCED OR REPRODUCED 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'S SITE INFRASTRUCTURE SPECIFICATIONS

FACILITY ILLUSTRATION

NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
<b>PROJECT</b> NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
<b>DRAWN BY</b> JHAKTHU MULOONI <b>PROPERTY DESCRIPTION</b> THE FARM 305, MIDDLEBURG RD			
<b>OWNER</b> JAGTIPOORT BOERDERY C C			
<b>COORDINATES</b> LAT: -31.685700° LONG: 24.694261°			
<b>APPROVALS:</b> CELL C RF PLANNER Signature _____ Date _____			
CELL C IMPLEMENTATION Signature _____ Date _____			
CELL C REAL ESTATE COORDINATOR Signature _____ Date _____			
CELL C ENGINEER Name _____ Signature _____ Number _____			
<b>CELL C</b> THE POWER IS IN YOUR HANDS 150 Riverside Road Midrand, Gauteng Tel: +27 (11) 324 4000 Fax: +27 (11) 324 4401 Johannesburg, 2010			
<b>ZTE中兴</b> 1/3 Henning Uniparc Drive Henning Office Park, Debonville Road, Parklands, Cape Town 7800			
<b>TORRHOUSE SOLUTIONS</b> 1111 Old Main Road Midrand, Gauteng Tel: +27 (11) 904 1200 Fax: +27 (11) 904 1201 P.O. Box 3051* Midrand, Gauteng 2018			
REVISION	SHEET NO	ISSUE	SCALE
0	11 OF 11	1	NTS
<b>SITE NO</b> 111111			
<b>BITE NAME AND ADDRESS</b> LOTSBERG PASS EAST OFFICE 1111 MIDRAND TO GRAAFF REINET ON LEFT HAND SIDE, EASTERN CAPE			



# 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](mailto:admin@infraplan.co.za)

Our Reference:

107560 / NREC 131-004-2012

Your Reference:

22 June 2012

The Ward Councillor  
Inxuba Ythemba Local Municipality  
Po Box 24  
Cradock  
5880

Attention: T.E Miners  
Councillor: Ward 6

Facsimile: 048 881 1421

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 (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDLEBURG RD**

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: Vukani IPS Inc.

**Comments:**

---

---

---

Destination	Start Time	Time	Prints	Result	Note
0488811421	06-22 13:09	00:03:21	012/012	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, NCF: 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, Totiusdal, 0134  
e-mail: [admin@infraplan.co.za](mailto:admin@infraplan.co.za)

Reg. No. 2001/014235/21  
Tel. (012) 804 1504/5  
Fax (012) 804 7072

Our Reference:  
107560 / NREC 131-004-2012

Your Reference:

22 June 2012

The Ward Councillor  
Inxuba Ythemba Local Municipality  
Po Box 24  
Cradock  
5880

Attention: T.E Miners  
Councillor: Ward 6

Facsimile: 048 881 1421

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 (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDLEBURG RD**

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Kind Regards,

*WA Van't Foort*  
**WA VAN'T FOORT**  
For: Vukani IPS Inc.

Comments:

Destination	Start Time	Time	Prints	Result	Note
0498421310	06-22 13:12	00:02:47	012/012	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,  
 MX: Mixed Original TX, CALL: Manual TX, CSRC: CBAC, FOD: Forward, PC: PC-Fax,  
 BND: Double-Sided Binding Direction, SP: 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.



## INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated Reg. No. 2001/014235/21  
 414 Rustia Road, Silvertondale, 0154 Tel. (012) 804 1804/8  
 PO Box 32017, Totiusdal, 0134 Fax (012) 804 7072  
 e-mail: admin@infraplan.co.za

Our Reference:  
107560 / NREC 131-004-2012

Your Reference:

22 June 2012

The Ward Councillor  
 Inxuba Ythemba Local Municipality  
 Po Box 24  
 Cradock  
 6880

Attention: T.E Miners  
 Councillor: Ward 6

Facsimile: 048 881 1421

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 (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDLEBURG RD**

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

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Kind Regards,

*WA Van't Foort*  
 WA VAN'T FOORT  
 For: Vukani IPS Inc.

Comments:

Destination	Start Time	Time	Prints	Result	Note
0498421310	06-22 10:47	00:02:46	012/012	OK	

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



## INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated  
414 Rustic Road, Silvertondale, 0184  
PO Box 32017, Totiusdal, 0134  
e-mail: [admin@infrepjen.co.za](mailto:admin@infrepjen.co.za)

Reg. No. 2001/014236/21  
Tel. (012) 804 1604/8  
Fax (012) 804 7072

Our Reference:  
107560 / NREC 131-004-2012

Your Reference:

22 June 2012

The Ward Councillor  
Inxuba Ythemba Local Municipality  
Po Box 24  
Cradock  
5880

Attention: T.E Miners  
Councillor: Ward 6

Facsimile: 048 881 1421

Dear Councillor,

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Kind Regards,

*WA VAN'T FOORT*  
WA VAN'T FOORT  
For: Vukani IPS Inc.

Comments:



NO	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE
PROJECT		
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD		
PROPERTY DESCRIPTION		
DRANIBV KHATHI MULCOM THE FARM 305 MIDDELBURG RD MIDDELBURG		
OWNER		
JAGTPOORT BOERDERY C C		
COORDINATES		
LAT: -31.835700°		
LONG: 24.866591°		

**APPROVALS**

CELL C RF PLANNER  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

CELL C IMPLEMENTATION  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

CELL C REAL ESTATE COORDINATOR  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

CELL C ENGINEER  
Name \_\_\_\_\_  
Signature \_\_\_\_\_  
Number \_\_\_\_\_

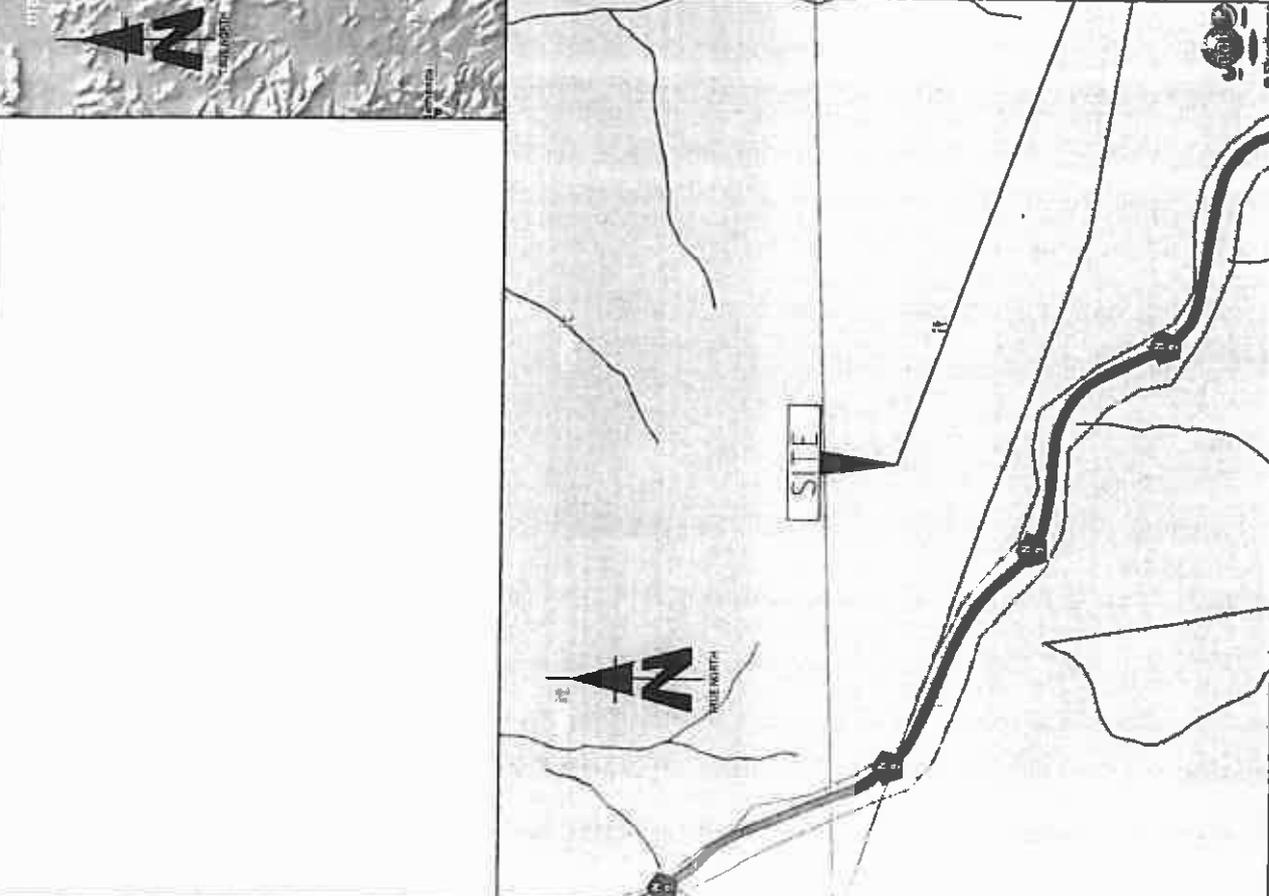
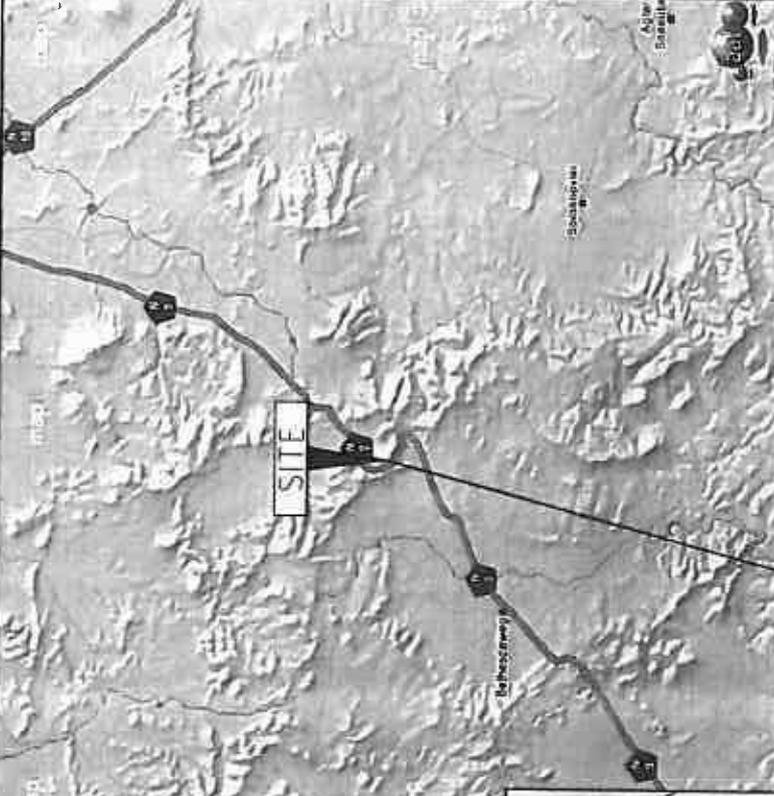
**CELL C**  
THE POWER IS IN YOUR HANDS  
153 Hendra, Woodward Drive  
Pretoria, South Africa  
1900  
Mobile Office: +27 11 324 4000  
190 Bessie Nkomo Road, Pretoria  
+27 11 314 4401  
www.cellc.co.za

**ZTE**  
153 Hendra, Woodward Drive  
Pretoria, South Africa  
1900  
Tel: +27 11 314 4400  
Fax: +27 11 314 4401  
www.zte.com.cn

**TORHOUSE SOLUTIONS**  
114 Bessie Nkomo Road  
Pretoria, South Africa  
1900  
Tel: +27 11 314 4400  
Fax: +27 11 314 4401  
www.torhouse.co.za

REVISION	SHEET NO	ISSUE	SCALE	NTS
0	1	OF 11	1	

SITE NO: 107560  
SITE NAME AND ADDRESS: LOOTSBERG PASS EAST  
OFF THE NW CORNER OF MIDDELBURG TO GRAAFF REINET ROAD, WEST SIDE OF EASTERN CAPE



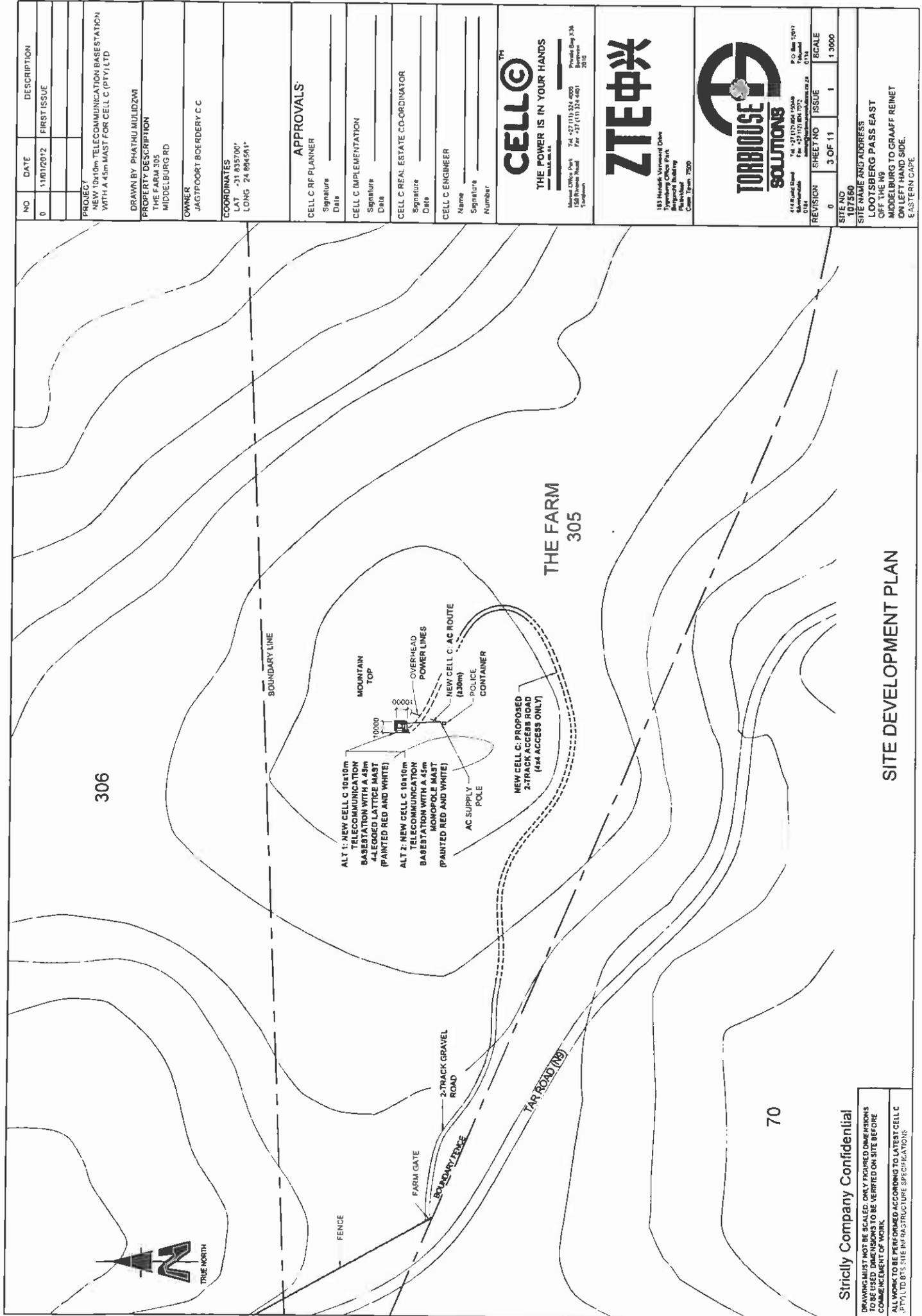
LOCALITY MAP

Strictly Company Confidential

DRAWINGS NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE CHECKED ON SITE BEFORE COMMENCEMENT OF WORK.

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





NO	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE

**PROJECT**  
 NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD

**DRAWN BY:** PHATHU MULOZMI  
**PROPERTY DESCRIPTION:**  
 THE FARM 305  
 MIDDELBURG RD

**OWNER:**  
 JAGTPOORT BOERDERY C C

**COORDINATES:**  
 LAT: -31 035700"  
 LONG: 24 064541"

**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: \_\_\_\_\_

**CELLO<sup>TM</sup>**  
 THE POWER IS IN YOUR HANDS  
 MADE IN U.S.A.  
 Market Office Park 74 - 427 (1) 324 4000 Private Bag 218  
 150 Phaulo Road Far - 427 (1) 324 4401 Birmers  
 Johannesburg 2011

**ZTE中兴**  
 18 Henrich Vermeerd Drive  
 Waterlooplein  
 Midrand Building  
 Midrand  
 Gauteng  
 South Africa  
 Cell: 082 770 7500

**TORBUOSE SOLUTIONS**  
 414 Riebeek Street  
 Tel: +27 (0) 21 924 1544 P.O. Box 10917  
 Cape Town 8001 Fax: +27 (0) 21 924 1544  
 0184 www.torbuose.com

REVISION	SHEET NO	ISSUE	SCALE
0	0	3 OF 11	1
			1:3000

**SITE NO:** 107580  
**SITE NAME AND ADDRESS:**  
 LOOTSBERG PASS EAST  
 MIDDELBURG TO GRAAFF REINET  
 ON LEFT HAND SIDE,  
 EASTERN CAPE

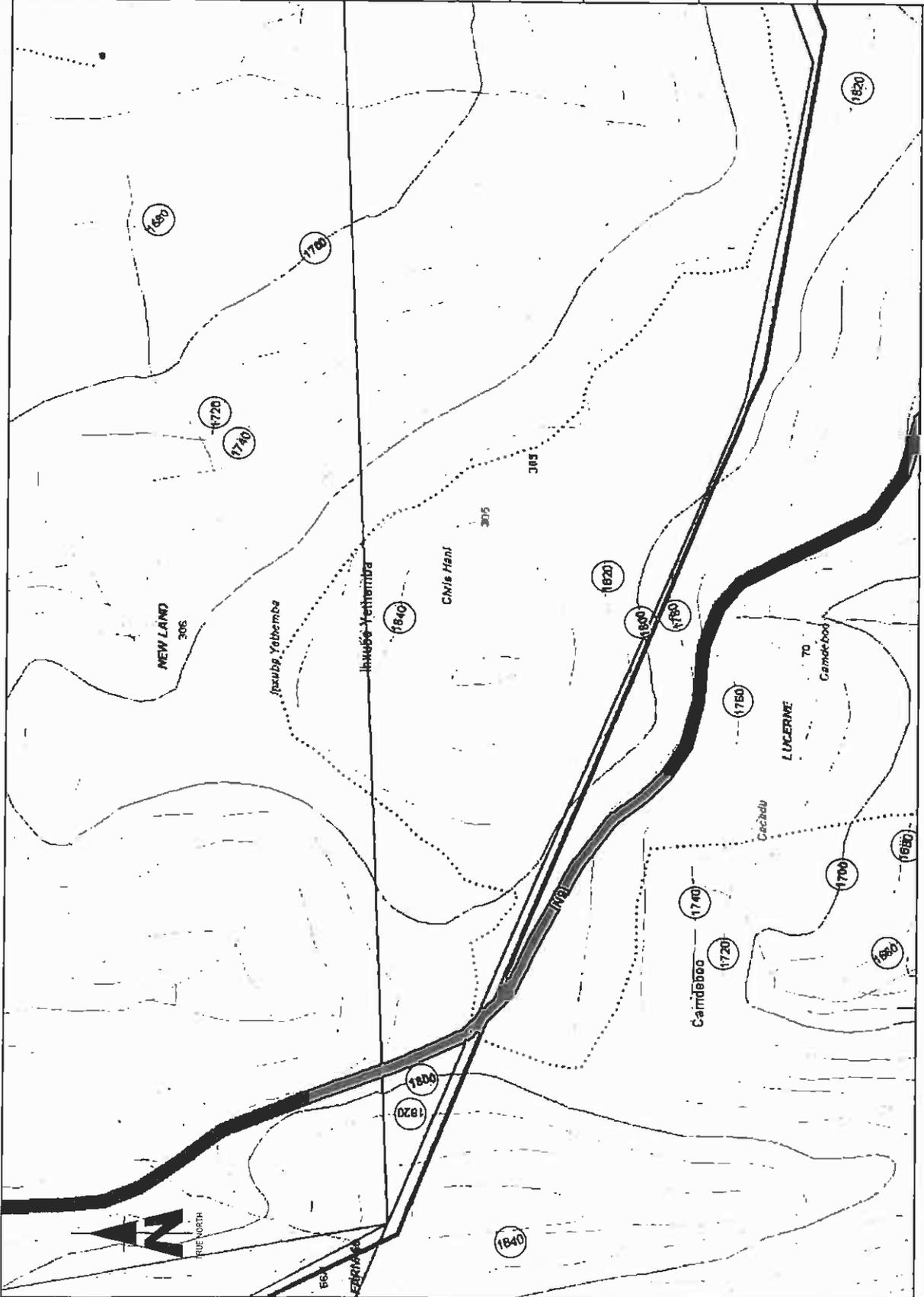
**Strictly Company Confidential**  
 DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD'S SITE INFRASTRUCTURE SPECIFICATIONS

**SITE DEVELOPMENT PLAN**

70



NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
<b>PROJECT</b> NEW 10x10m TELECOMMUNICATION BASE STATION WITH A 45m MAST FOR CELL C (PTY) LTD			
<b>DRAWN BY:</b> PHATHU MUDZIMI <b>PROPERTY DESCRIPTION:</b> THE FARM 305 Middelburg RD			
<b>OWNER:</b> JAGTPOORT BOERDERY C C			
<b>COORDINATES</b> LAT: -31 635700 LONG: 24 864951			
<b>APPROVALS:</b> <b>CELL C RF PLANNER</b> Signature _____ Date _____			
<b>CELL C IMPLEMENTATION</b> Signature _____ Date _____			
<b>CELL C REAL ESTATE COORDINATOR</b> Signature _____ Date _____			
<b>CELL C ENGINEER</b> Name _____ Signature _____ Number _____			
<b>CELLO™</b> <b>THE POWER IS IN YOUR HANDS</b> www.cello.co.za Helpline: 0800 000 000 100 Ruman Road, Midrand, Gauteng, 2010 Tel: +27 (0) 201 4000 Fax: +27 (0) 201 4001			
<b>ZTE中兴</b> 13 Hensh's Unweerd Drive Midrand, Gauteng, 2010 Tel: +27 (0) 201 7500 Fax: +27 (0) 201 7501 Email: info@ztesolutions.co.za Cape Town: 7500			
<b>TORBHOUSE SOLUTIONS</b> 414 Huddle Road, Midrand, Gauteng, 2010 Tel: +27 (0) 201 3904 Fax: +27 (0) 201 3905 Email: info@torbhouse.co.za Cape Town: 7500			
REVISION	SHEET NO	ISSUE	SCALE
0	5 OF 11	1	NTS
<b>SITE NO:</b> 187360			
<b>SITE NAME AND ADDRESS:</b> LOOTSBURG PASS EAST OFF THE MAIN ROAD Middelburg TO GRAAFF REINET ON THE MAIN SIDE, EASTERN CAPE			



**CONTOUR INTERVAL**

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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 (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS

NO	DATE	DESCRIPTION
0	17/01/2012	FIRST ISSUE

**PROJECT**  
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD

**DRAWN BY:** PHATHU MULDZWI

**PROPERTY DESCRIPTION**  
THE FARM 305  
MIDDELBURG RD

**OWNER**  
JAGTPOORT BOERDERY C C

**COORDINATES**  
LAT -31 83'57"00"  
LONG 24 08'45"51"

**APPROVALS**

**CELL C RF PLANNER**  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

**CELL C IMPLEMENTATION**  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

**CELL C REAL ESTATE COORDINATOR**  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

**CELL C ENGINEER**  
Name \_\_\_\_\_  
Signature \_\_\_\_\_  
Number \_\_\_\_\_

**CELL C RF PLANNER**  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

**CELL C IMPLEMENTATION**  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

**CELL C REAL ESTATE COORDINATOR**  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

**CELL C ENGINEER**  
Name \_\_\_\_\_  
Signature \_\_\_\_\_  
Number \_\_\_\_\_

**CELL C RF PLANNER**  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

**CELL C IMPLEMENTATION**  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

**CELL C REAL ESTATE COORDINATOR**  
Signature \_\_\_\_\_  
Date \_\_\_\_\_

**CELL C ENGINEER**  
Name \_\_\_\_\_  
Signature \_\_\_\_\_  
Number \_\_\_\_\_

**CELL C**  
THE POWER IS IN YOUR HANDS

153 Main Rd, Unit 11  
Middeburg, 5600

Mobile Office Phone Tel: +27 (0) 324 4020 P.O. Box 134  
153 Phoenix Road Fax: +27 (0) 324 4021 Durbanville  
South Africa 7800

**ZTE中兴**

163 Hendrik Verwoerd Drive  
Trenton Office Park  
Trenton Office Building  
Pretorius Street  
Cape Town, 7800

**TORHOUSE SOLUTIONS**

414 Durban Road  
158 Phoenix Road  
Durbanville  
7800

P.O. Box 13017  
Durbanville  
7800

REVISION SHEET NO ISSUE SCALE  
0 8 OF 11 1 1:3000

**107950**

**SITE NAME AND ADDRESS**  
LOOTSBERG PASS EAST  
OFF THE N9  
MIDDELBURG TO GRAAFF REINET  
ON LEFT HAND SIDE,  
EASTERN CAPE

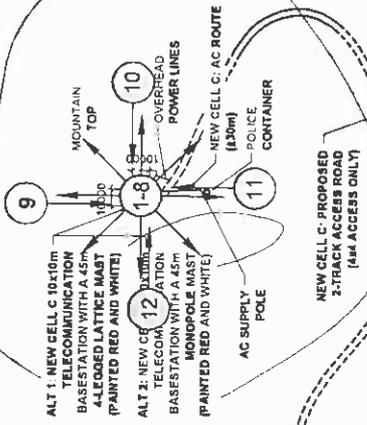
306

THE FARM  
305

70



BOUNDARY LINE



**SITE PHOTOGRAPHS: ALTERNATIVE 1 & 2**

**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'S SITE INFRASTRUCTURE SPECIFICATIONS.

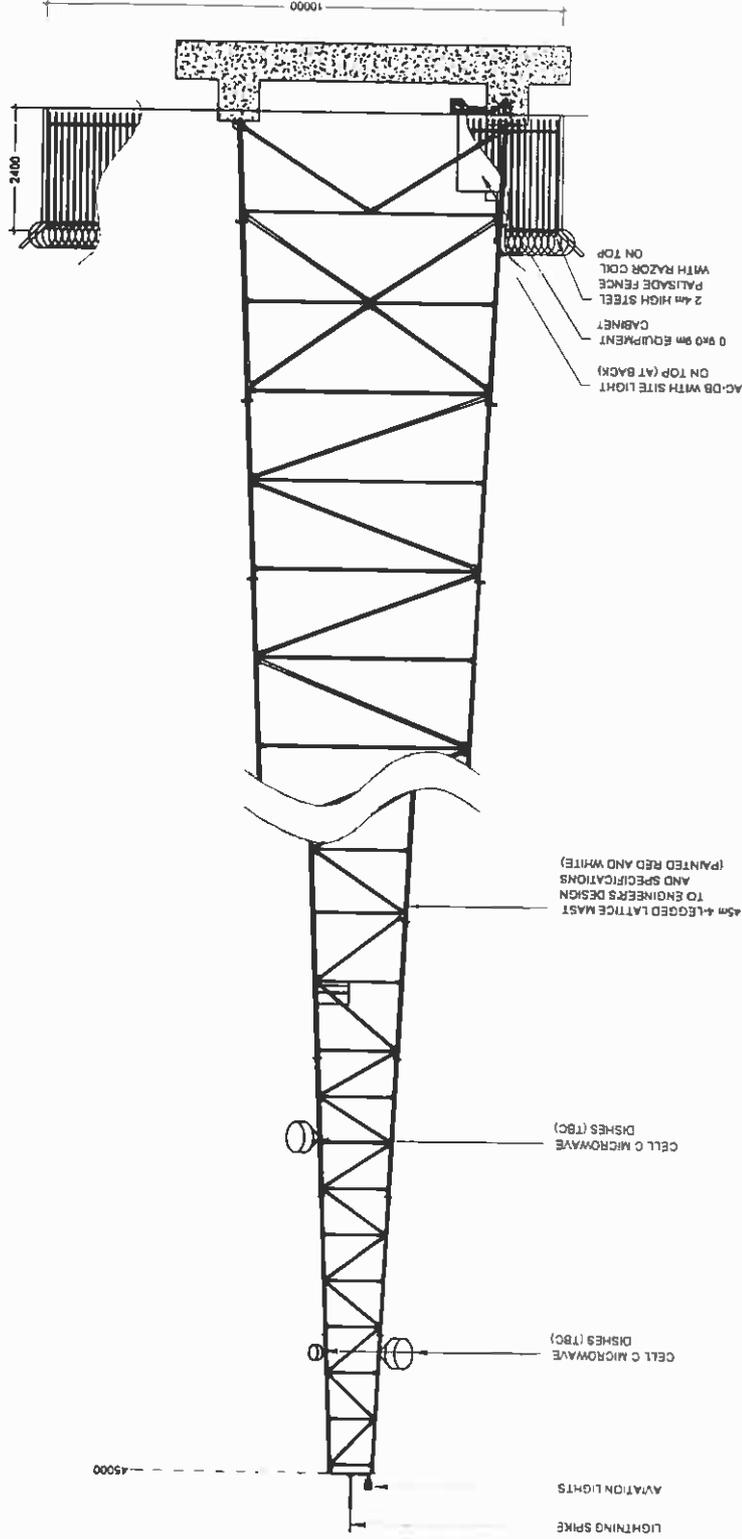






**CELL C ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)	MICROWAVE DISH DIAMETER (m)
1	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
2	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
3	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC



**NORTH ELEVATION: ALTERNATIVE 1**

NO	DATE	DESCRIPTION	
0	1/10/2012	FIRST ISSUE	
PROJECT			
NEW 10x10m TELECOMMUNICATION BASE STATION WITH A 4.5m MAST FOR CELL C (PTY) LTD			
DRAWN BY PHATHU MULIDZIM			
PROPERTY DESCRIPTION			
THE FARM 305 MIDDELBURG RD			
OWNER			
JAGTPOORT BOERDERY C C			
COORDINATES			
LAT -31.835700°			
LONG 24.864551°			
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>THE POWER IS IN YOUR HANDS</p> <p>150 Riverside Road Tel: +27 (0) 21 534 0000 Fax: +27 (0) 21 534 4001                  2010</p>			
<p>181 Hendrik Verwoerd Drive                  Freemore Office Park                  1600 Midway Building                  Midrand, Gauteng                  Cape Town: 7500</p>			
<p>414 Riebeek Road Tel: +27 (0) 21 534 1500 Fax: +27 (0) 21 534 1702                  2010</p>			
REVISION	SHEET NO	ISSUE	SCALE
0	9 OF 11	1	1:100
SITE NO			
107560			
SITE NAME AND ADDRESS			
LOOTSBERG PASS EAST			
OFF THE N9			
MIDDELBURG TO GRAAFF REINET			
ON LEFT-HAND SIDE			
EASTERN CAPE			

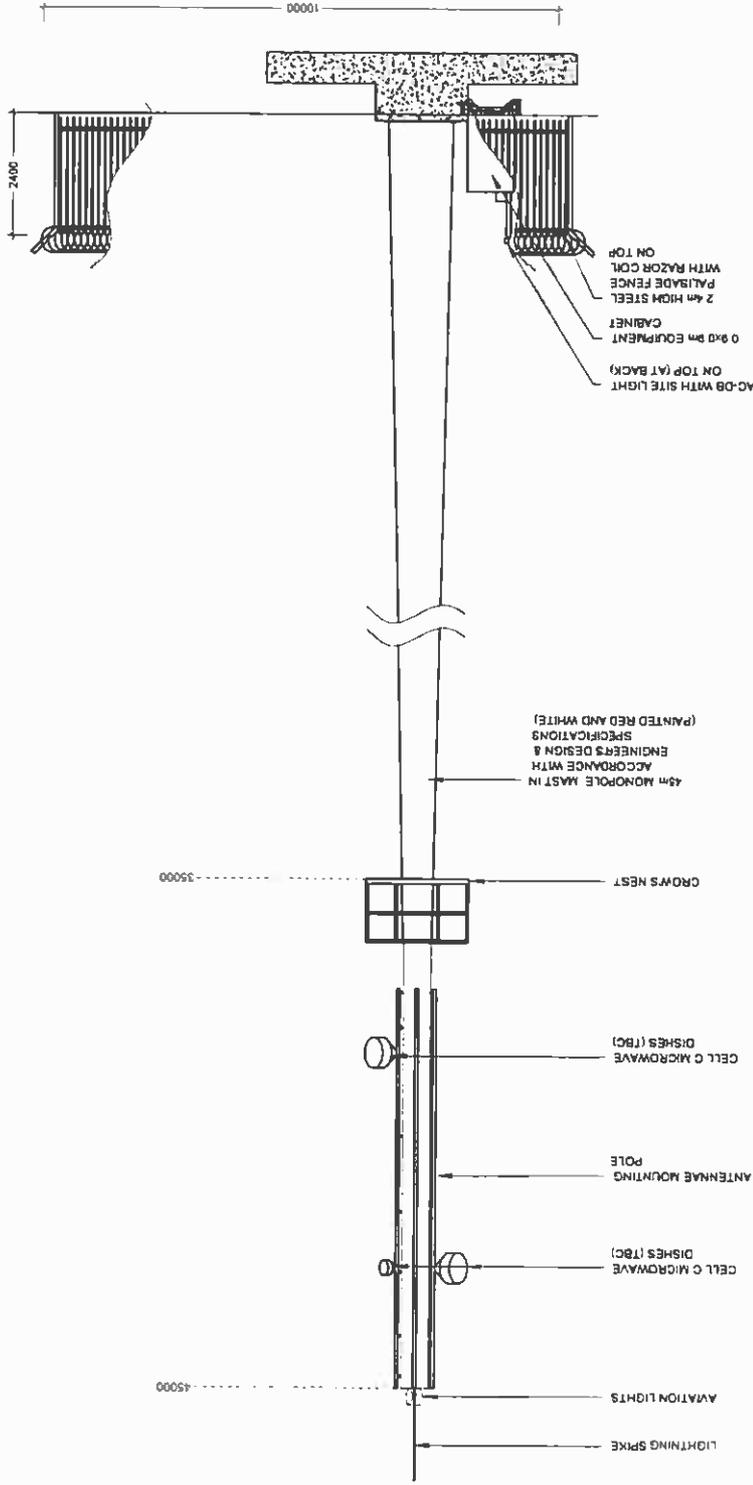
**Strictly Company Confidential**

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

**CELL C ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH TILT	ELEC TILT	FEEDER SIZE	FEEDER LENGTH (m)	MICROWAVE DISH DIAMETER (m)
1	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
2	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
3	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC



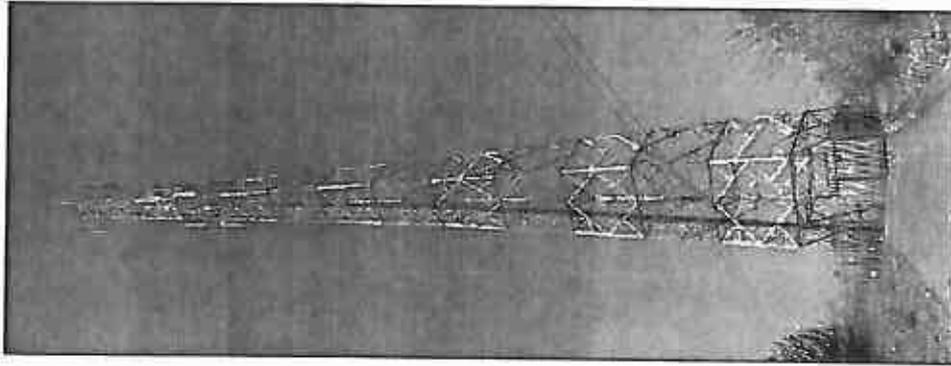
**NORTH ELEVATION: ALTERNATIVE 2**

NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
PROJECT NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
DRAWN BY: RHATHU MUDIZIM			
PROPERTY DESCRIPTION THE FARM 305 MIDDELBURG RD			
OWNER JAG'POORT BOERDERY C C			
COORDINATES LAT: -31.635708° LONG: 24.884561°			
APPROVALS CELL C RF PLANNER Signature _____ Date _____			
CELL C IMPLEMENTATION Signature _____ Date _____			
CELL C REAL ESTATE COORDINATOR Signature _____ Date _____			
CELL C ENGINEER Name _____ Signature _____ Number _____			
<p><b>CELLO™</b> THE POWER IS IN YOUR HANDS</p> <p>Mobile Office Park 444 Peka Road Midrand, Gauteng South Africa Tel: +27 (11) 324 4000 Private Bag 574 Midrand, Gauteng 2010</p>			
<p><b>ZTE中兴</b></p> <p>183 Javelin, Vermeerd Drive Midrand, Gauteng South Africa Private Bag 574 Midrand, Gauteng 2010</p>			
<p><b>TORIBOUSE SOLUTIONS</b></p> <p>444 Peka Road Midrand, Gauteng South Africa Tel: +27 (11) 324 4000 Private Bag 574 Midrand, Gauteng 2010</p>			
REVISION	SHEET NO	ISSUE	SCALE
0	10 OF 11	1	1:100
SITE NO 1075560		SITE NAME AND ADDRESS LOOTSBERG PASS EAST OFF THE MAIN MIDDELBURG TO GRAAFF REINET ON LEFT HAND SIDE EASTERN CAPE	

Strictly Company Confidential

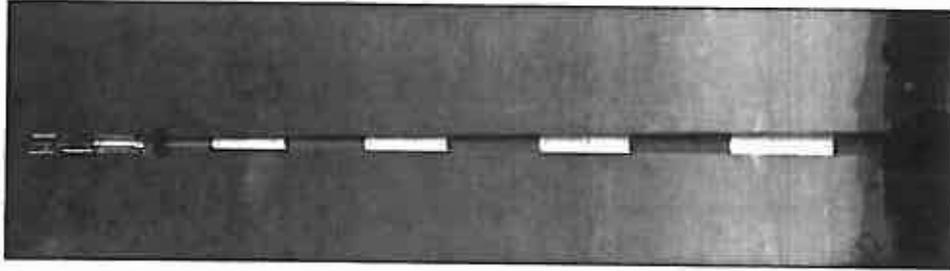
DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS

ALTERNATIVE 1



TYPICAL 4-LEGGED LATTICE MAST  
(PAINTED RED AND WHITE)

ALTERNATIVE 2



TYPICAL MONOPOLE MAST  
(PAINTED RED AND WHITE)

Strictly Company Confidential

DRAWINGS MUST NOT BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. DIMENSIONS TO BE USED THROUGHOUT THE PROJECT. ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD'S SITE AND RASTROD WIRE SPECIFICATIONS.

NO	DATE	DESCRIPTION
0	11/07/2012	FIRST ISSUE
<p><b>PROJECT</b>                  NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD</p> <p><b>DRAWN BY</b> BHATHUMICHOBI  <b>PROPERTY DESCRIPTION</b>                  THE FARM 305                  MIDDLEBURG RD</p> <p><b>OWNER</b>                  JAGTPOORT BOERDERY C C</p> <p><b>COORDINATES</b>                  LAT: -31.835750°                  LONG: 24.854551°</p> <p><b>APPROVALS:</b></p> <p>CELL C RF PLANNER                  Signature _____                  Date _____</p> <p>CELL C IMPLEMENTATION                  Signature _____                  Date _____</p> <p>CELL C REAL ESTATE COORDINATOR                  Signature _____                  Date _____</p> <p>CELL C ENGINEER                  Name _____                  Signature _____                  Number _____</p> <p><b>CELL C</b>                  THE POWER IS IN YOUR HANDS                  www.cellc.co.za</p> <p>181 Humbly Woodpark Drive                  Woodpark Office Park                  Park Road, Midrand                  Gauteng, South Africa                  1600                  011 799 1000                  011 799 1001                  011 799 1002</p> <p><b>ZTE中兴</b></p> <p>181 Humbly Woodpark Drive                  Woodpark Office Park                  Park Road, Midrand                  Gauteng, South Africa                  1600                  011 799 1000                  011 799 1001                  011 799 1002</p> <p><b>TORHOUSE SOLUTIONS</b>                  414 Rietbos Road                  14 - 21/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221/1222/1223/1224/1225/1226/1227/1228/122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# INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated

Reg. No. 2001/014235/21

414 Rustic Road, Silvertondale, 0184

PO Box 32017, Totiusdal, 0134

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

Tel. (012) 804 1504/6

Fax (012) 804 7072

Our Reference:

**107560 / NREC 131-004-2012**

Your Reference:

**22 June 2012**

The Municipal Manager  
Chris Hani District Municipality  
15 Bells Road  
Queenstown 5319

Attention: Mr M Mbambisai

Environmental Management Section

**Facsimile: 045 838 1582**

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 (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDLEBURG RD**

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: Vukani IPS Inc.

**Comments:**

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Destination	Start Time	Time	Prints	Result	Note
0458381582	06-21 11:30	00:04:11	012/012	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,  
 MFX: Mixed Original TX, CAPL: Manual TX, CSAC: CSAC, FWD: 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, P#-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, POWER: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, Totiusdal, 0134  
 e-mail: admin@infraplan.co.za

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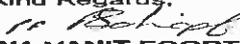
Dear Sir / Madam,

**INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1988 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDLEBURG RD**

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: Vukani IPS Inc.

Comments:

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NO	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE

PROJECT  
 NEW 10x10m TELECOMMUNICATION BASE STATION  
 WITH A 15m MAST FOR CELL C (PTV) LTD

DRAWN BY: PHATHU MULDZEM  
 FREQUENCY DESCRIPTION: 2A  
 THE FARM 90E  
 MIDDELBURG RD

OWNER  
 JAGTPOORT BOERDERY CC

COORDINATES  
 LAT -31 835700"  
 LONG 24 864583"

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 \_\_\_\_\_

183 Middelburg Drive  
 Turbouse Office Park  
 Middelburg Building  
 Middelburg  
 Cape Town 7505

**CELLO™**  
 THE POWER IS IN YOUR HANDS  
 www.cello.co.za  
 Middelburg Office Park  
 Tel: +27 (0) 21 47 4000  
 Fax: +27 (0) 21 47 4040  
 Private Bag 238  
 Middelburg  
 Western Cape  
 7505

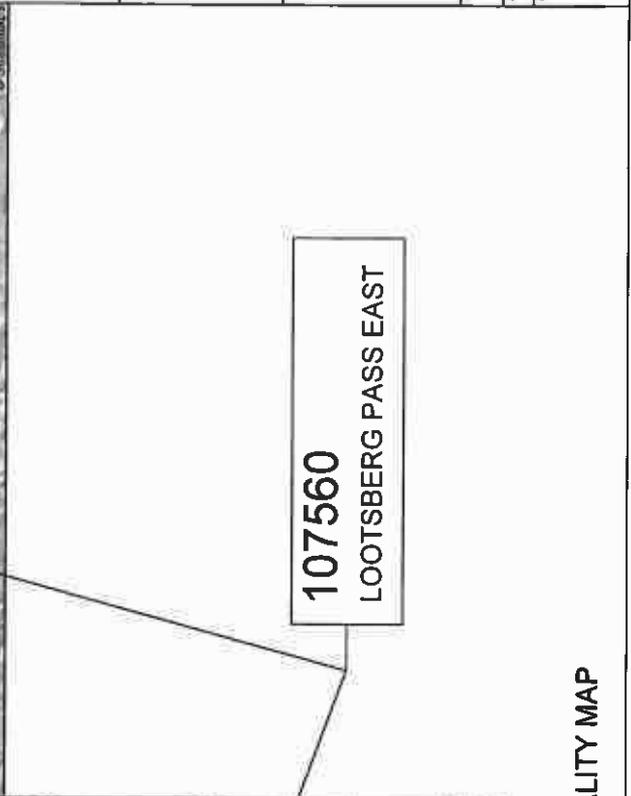
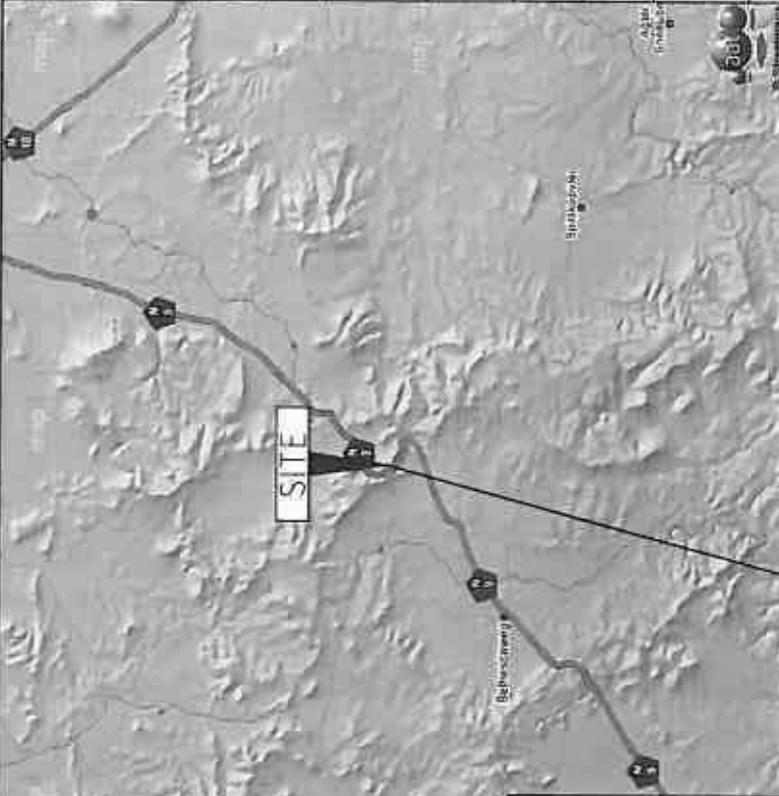
**ZTE中兴**  
 183 Middelburg Drive  
 Turbouse Office Park  
 Middelburg Building  
 Middelburg  
 Cape Town 7505

**TURBOUSE SOLUTIONS**  
 183 Middelburg Drive  
 Turbouse Office Park  
 Middelburg Building  
 Middelburg  
 Cape Town 7505  
 Tel: +27 (0) 21 47 4000  
 Fax: +27 (0) 21 47 4040  
 Email: info@turbousesolutions.co.za  
 D11x  
 P.O. Box 10977  
 Middelburg  
 Western Cape  
 7505

REVISION	SHEET NO	ISSUE	SCALE
0	1 OF 11	1	NTS

SITE NO  
 107560

SITE NAME AND ADDRESS  
 LOOTSBERG PASS EAST  
 OFF THE N1  
 MIDDELBURG TO GRAAFF REINET  
 ON LEFT HAND SIDE  
 EASTERN CAPE

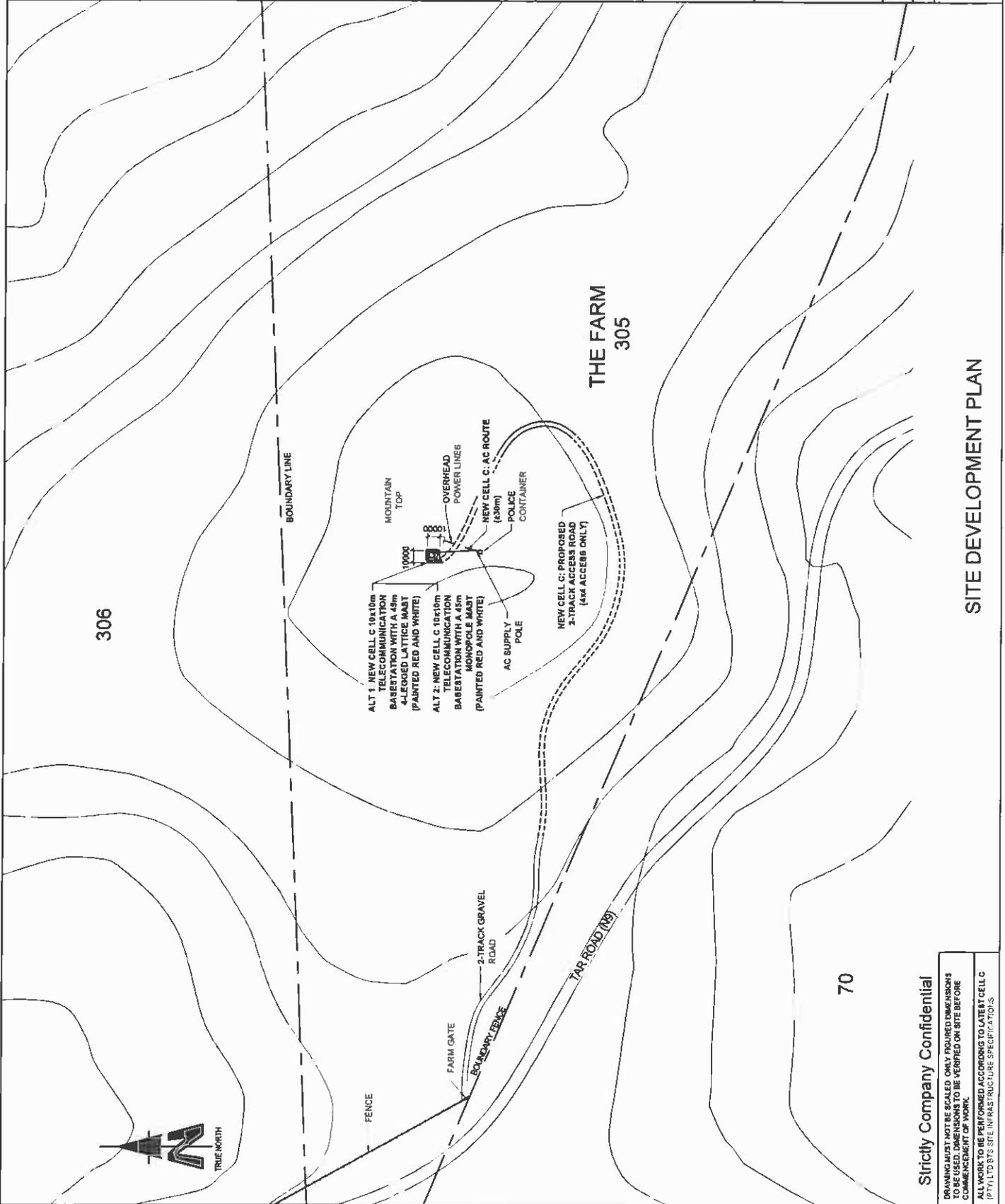


LOCALITY MAP

Strictly Company Confidential  
 DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS  
 SHOWN ON DRAWINGS ARE TO BE USED FOR THE  
 COMMENCEMENT OF WORK.  
 ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C  
 (PTV) LTD SITE INFRASTRUCTURE SPECIFICATIONS



NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
<b>PROJECT</b>			
NEW 10x10m TELECOMMUNICATION BASE STATION WITH A 45m MAST FOR CELL C (PTY) LTD			
<b>DRAWN BY</b> PHATHU MULIDZWI			
<b>PROPERTY DESCRIPTION</b>			
THE FARM 305 MIDDELBURG RD			
<b>OWNER</b>			
JAGTPOORT BOERDERY C C			
<b>COORDINATES</b>			
LAT -31.835700° LONG 24.864561°			
<b>APPROVALS:</b>			
<b>CELL C RF PLANNER</b>			
Signature _____ Date _____			
<b>CELL C IMPLEMENTATION</b>			
Signature _____ Date _____			
<b>CELL C REAL ESTATE CO-ORDINATOR</b>			
Signature _____ Date _____			
<b>CELL C ENGINEER</b>			
Name _____ Signature _____ Number _____			
<b>CELL C<sup>TM</sup></b>			
THE POWER IS IN YOUR HANDS			
180 Riebeek Street Tel: +27 (0) 21 461 4000 180 Riebeek Street Fax: +27 (0) 21 461 4001 Simonstrasse 180 P.O. Box 1301 Middelburg 6001			
<b>ZTE中兴</b>			
133 Houtbos Vermeerd Drive Tyndberg Office Park Bengaluru Building Middelburg Cape Town: 7250			
<b>TORBOUSE SOLUTIONS</b>			
414 Gleditsia Drive Tel: +27 (0) 21 461 4046 P.O. Box 1301 Middelburg Fax: +27 (0) 21 461 4027 Tyndberg 0181			
REVISION	SHEET NO	ISSUE	SCALE
0	3 OF 11	1	1:3000
<b>SITE NO</b>			
107560			
<b>SITE NAME AND ADDRESS</b>			
LOOTSBERG PASS EAST OFF THE N0 MIDDELBURG TO GRAAFF REINET ON LEFT HAND SIDE EASTERN CAPE			



**SITE DEVELOPMENT PLAN**

**Strictly Company Confidential**

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

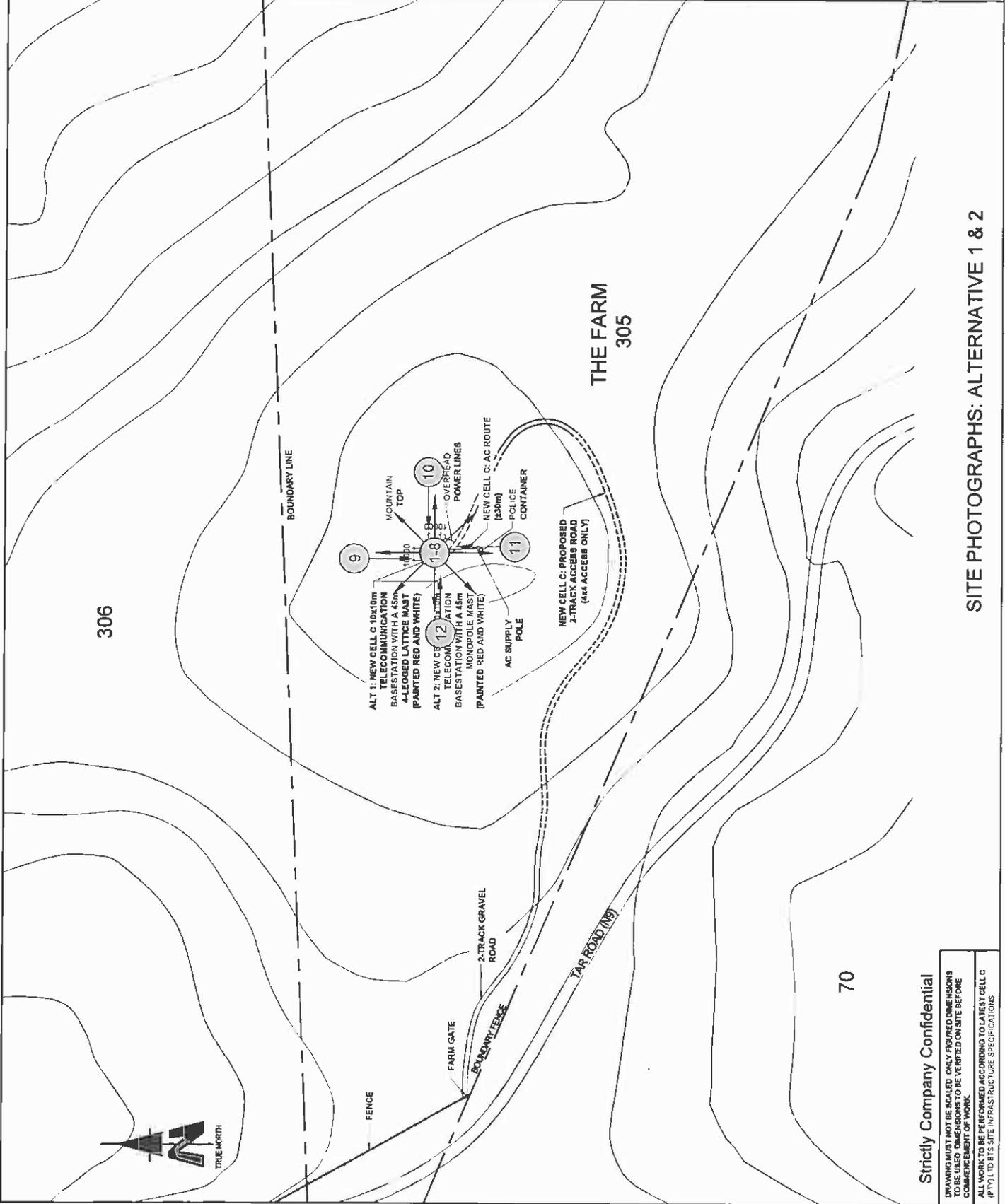
ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS.







NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
<b>PROJECT</b> NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
<b>DRAWN BY</b> PHATHU MULIDZWA <b>PROPERTY DESCRIPTION</b> THE FARM 305 MIDDLEBURG RD			
<b>OWNER</b> JAGTPOORT BOERDERY C C			
<b>COORDINATES</b> LAT -31 035700" LONG 24 864561"			
<b>APPROVALS:</b> <b>CELL C RF PLANNER</b> Signature _____ Date _____			
<b>CELL C IMPLEMENTATION:</b> Signature _____ Date _____			
<b>CELL C REAL ESTATE CO-ORDINATOR</b> Signature _____ Date _____			
<b>CELL C ENGINEER</b> Name _____ Signature _____ Number _____			
<b>CELLOG™</b> THE POWER IS IN YOUR HANDS 181 Maudslayi Drive Sandton Private Bag 208 1510 Park Road Sandton Tel: +27 (11) 331 4000 Fax: +27 (11) 331 4001 2010			
<b>ZTE中兴</b> 181 Maudslayi Drive Sandton Office Park Management Building Sandton Cape Town: 7250			
<b>TORRIHOUSE SOLUTIONS</b> 144 Bayswater Road Bayswater G.P. Bag 1061 Sandton Tel: +27 (11) 331 4000 Fax: +27 (11) 331 4001 2010			
REVISION	SHEET NO	ISSUE	SCALE
0	8 OF 11	1	1:3000
<b>SITE NO:</b> 107560			
<b>SITE NAME AND ADDRESS</b> LOOTSBURG PASS EAST OFF THE N5 MIDDLEBURG TO GRAAFF REINET ON LEFT HAND SIDE EASTERN CAPE			



**SITE PHOTOGRAPHS: ALTERNATIVE 1 & 2**

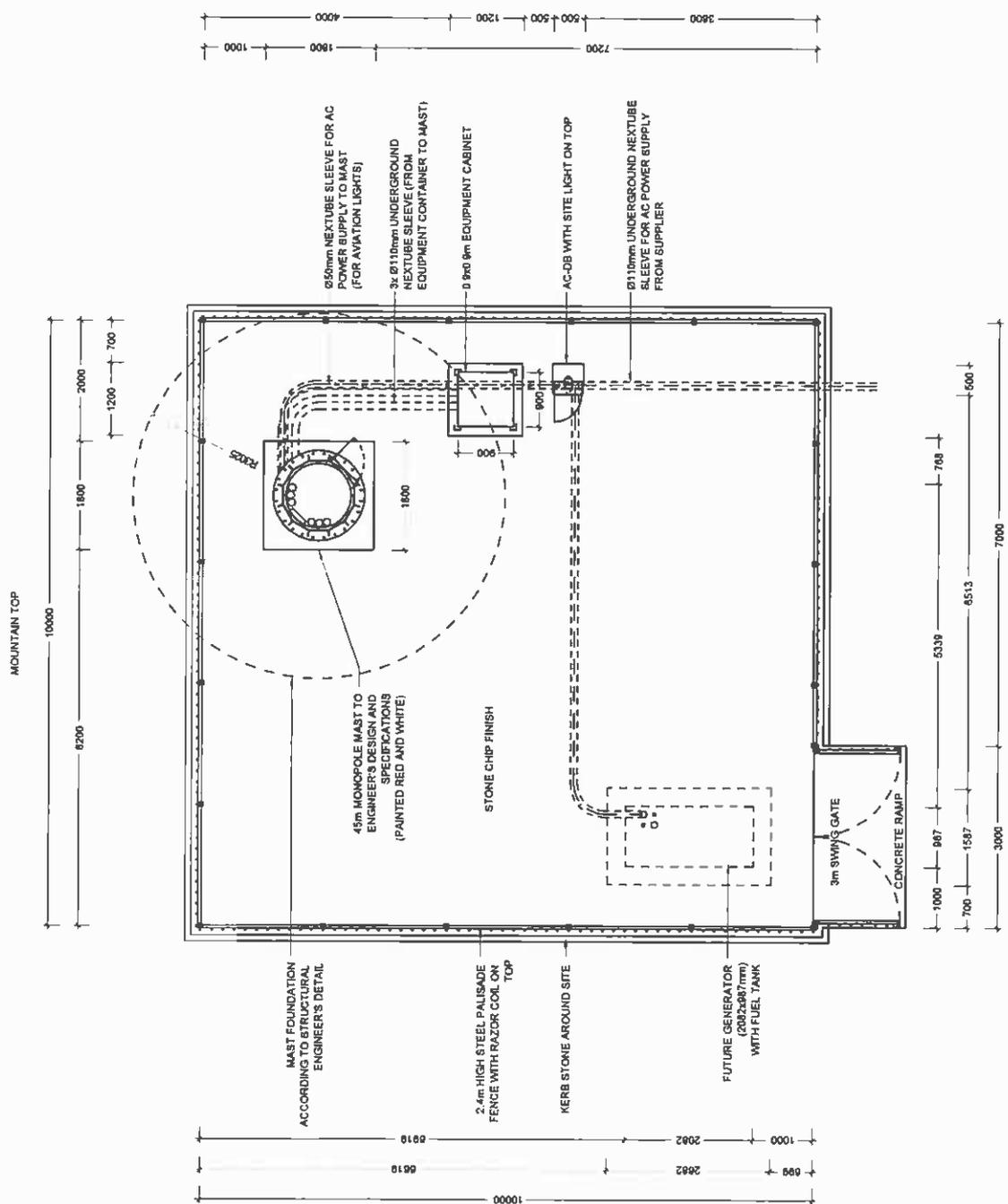
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**DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.**

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



NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
<b>PROJECT</b> NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
<b>DRAWN BY</b> PHATHU MULOZMI <b>PROPERTY DESCRIPTION</b> THE FARM 305 MIDDLEBURG RD			
<b>OWNER</b> JAGTPOORT BOERDERY C C			
<b>COORDINATES</b> LAT -31 035'70" LONG 24 064'50"			
<b>APPROVALS:</b> CELL C RF PLANNER Signature _____ Date _____			
CELL C IMPLEMENTATION Signature _____ Date _____			
CELL C REAL ESTATE COORDINATOR Signature _____ Date _____			
CELL C ENGINEER Name _____ Signature _____ Number _____			
<b>CELLO<sup>TH</sup></b> THE POWER IS IN YOUR HANDS 150 Business Road Midrand, Gauteng South Africa Tel: +27 (0) 21 465 460 Fax: +27 (0) 21 465 461 Private Bag 111 Sandton 2010			
<b>ZTE中兴</b> 183 Hendrik Verwoerd Drive The Airways Office Park Bongiweni Building Sandton, Gauteng Cape Town, 7500			
<b>TORBOUSE SOLUTIONS</b> P.O. Box 33617 Midrand, Gauteng South Africa Tel: +27 (0) 21 004 1834 Fax: +27 (0) 21 004 1973 Email: info@torbouse.com www.torbouse.com			
REVISION	SHEET NO	ISSUE	SCALE
0	8 OF 11	1	1:75
SITE NO		107550	
<b>SITE NAME AND ADDRESS</b> LOOTSBERG PASS EAST OFF THE N9 MIDDLEBURG TO GRAAFF REINET ON LEFT HAND SIDE. EASTERN CAPE			



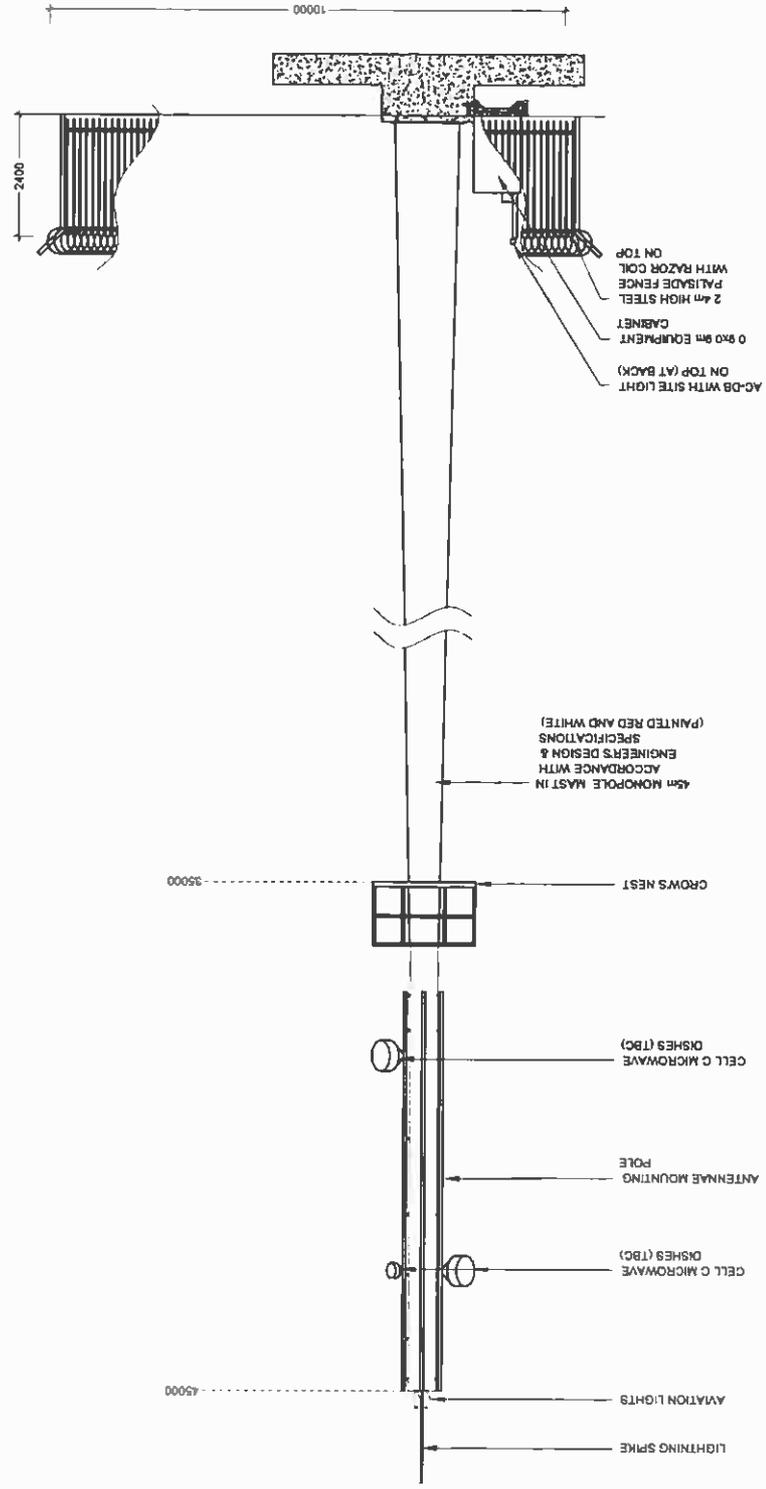
THE FARM  
305  
SITE DETAIL: ALTERNATIVE 2

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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 (PTY) LTD SITE INFRASTRUCTURE SPECIFICATIONS.



**CELL C ANTENNAE KEY**

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)	MICROWAVE DISH DIAMETER (m)
1	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
2	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC
3	TBC	TBC	TBC	TBC	TBC	7/8"	TBC	TBC



**NORTH ELEVATION: ALTERNATIVE 2**

NO	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE

**PROJECT**  
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD

**DRAWN BY** PHATHU MULIDZIM  
**PROPERTY DESCRIPTION**  
THE FARM 305  
MIDDELBURG RD

**OWNER**  
JAGTPOORT BOERDERY C C

**COORDINATES**  
LAT -31 035700"  
LONG 24 094501"

**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**  
THE POWER IS IN YOUR HANDS  
150 RIVINGTON ROAD  
SUNNINGDALE  
Tel: +27 (0) 21 551 4000  
Fax: +27 (0) 21 551 4001  
Private Bag 7048  
SUNNINGDALE  
2310

**ZTE中兴**  
153 Havelock, Verostrand Drive  
17 Merrivale Office Park  
Merrivale Building  
Cape Town 7800

**TORBOUSE SOLUTIONS**  
418 Duquesne Road  
Tel: +27 (0) 21 551 4000  
Fax: +27 (0) 21 551 4001  
P.O. Box 32017  
Verostrand  
17 Merrivale Office Park  
Cape Town 7800

REVISION	SHEET NO	ISSUE	SCALE
0	10 OF 11	1	1:100

**SITE NO**  
107560

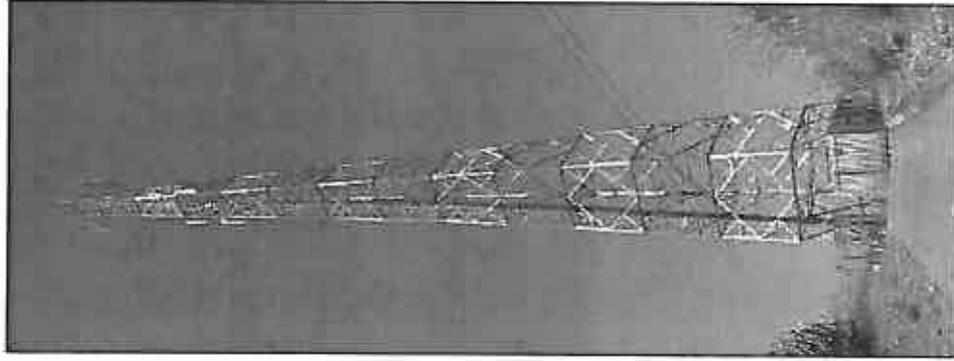
**SITE NAME AND ADDRESS**  
LOOTSBERG PASS EAST  
OFF THE N9  
MIDDELBURG TO GRAAFF REINET,  
ON LEFT HAND SIDE  
EASTERN CAPE

**Strictly Company Confidential**

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

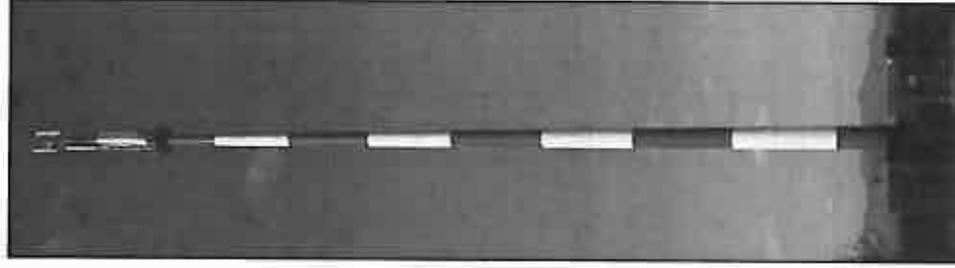
**ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD'S SITE INFRASTRUCTURE SPECIFICATIONS.**

ALTERNATIVE 1



TYPICAL 4-LEGGED LATTICE MAST  
(PAINTED RED AND WHITE)

ALTERNATIVE 2



TYPICAL MONOPOLE MAST  
(PAINTED RED AND WHITE)

Strictly Company Confidential

NO PART OF THESE DRAWINGS OR ANY INFORMATION CONTAINED HEREIN IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF TORRIHOUSE SOLUTIONS.

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

NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
PROJECT			
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PT) LTD			
DRAWN BY: PHATHAI HULUDUM			
PROPERTY DESCRIPTION			
THE FARM 305			
MIDDELBURG RD			
OWNER			
JAGTPOORT BOERDERY C C			
COORDINATES			
LAT -31 835700"			
LONG 24 884561"			
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 _____			
			
Mobile: 083 954 2000 Tel: +27 (0) 21 554 4000 Fax: +27 (0) 21 554 4001 150 Riebeek Road, Rondebosch, Cape Town, 7700			
			
113, Havelock Street, Cape Town, 7700 Engineering Office: Park Boulevard Building Park Road, 7700			
			
414 South Road, Middeburg, 0214 Tel: +27 (0) 834 8244 Fax: +27 (0) 834 8172 Email: info@torrihousesolutions.co.za			
REVISION	SHEET NO	ISSUE	SCALE
0	11 OF 11	1	NTS
SITE NO			
107560			
SITE NAME AND ADDRESS			
LOOTSBERG PASS EAST			
OFF THE RD			
MIDDELBURG TO GRAMFF REMET			
ON LEFT HAND SIDE			
EASTERN CAPE			

FACILITY ILLUSTRATION





# INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated

Reg. No. 2001/014235/21

414 Rustic Road, Silvertondale, 0184

PO Box 32017, Totiusdal, 0134

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

Tel. (012) 804 1504/6

Fax (012) 804 7072

Our Reference:

107560 / NREC 131-004-2012

Your Reference:

22 June 2012

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

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 (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDELBURG RD.**

We are acting on behalf of Cell C (Pty) Ltd in order to apply to the Eastern Cape Department of Economic Development and Environmental Affairs to establish a telecommunication base station on **The Farm Farm 305 Middelburg RD**

Attached hereto find the following for your information:

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: Vukani IPS Inc.

REFERENCE NUMBER: NREC 131-004-2012

Regulation 546 activity 3 (a) & (b) : (a) ii (ee) : Establishment of an enclosed telecommunication base station with a 45m mast for Cell C (Pty) Ltd: 107560 Lootsberg Pass East

Location: The farm Farm 305 Middelburg RD

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

**Alternative 1:** Latitude: 31° 50' 08.52"S Longitude: 24° 51' 52.42" E  
 Lattice type mast painted red and white

**Alternative 2:** Latitude: 31° 50' 08.52"S Longitude: 24° 51' 52.42"E  
 Monopole 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 Eastern Cape Department of Economic Development, Environmental Affairs and Tourism.

The applicant furthermore intends to apply to the Eastern Cape Department of Economic Development, Environmental Affairs 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:**

Cell C (Pty) Ltd, Private Bag X36, Benmore, 2010.

**Environmental Assessment Practitioner (EAP):**

Infrastructure Planning Services Inc., P.O. Box 32017, Totiusdal, 0134  
 Attention: W Van't Foort  
 Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072  
 E-mail: admin@infraplan.co.za

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

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

Notice publication date:

22 June 2012

VERWYSINGS NOMMER: NREC 131-004-2012

Regulasie 546 aktiwiteit 3 (a) & (b) : (a) ii (ee) : 107560 Lootsberg Pass East : Konstruksie van 'n telekommunikasie basisstasie vir Cell C (Edms) Bpk met 'n 45m hoë mas.

Adres: Die Plaas Farm 305 Middelburg RD

Koördinate (WGS84 formaat) van alternatiewe basisstasie opsies op die bovermelde eiendom:

**Alternatief 1:** Lengtegraad 31° 50' 08.52" O Breedtegraad: 24° 51' 52.42" S  
 Latwerk tipe mas rool en wit geverf

**Alternatief 2:** Lengtegraad 31° 50' 08.52" O Breedtegraad: 24° 51' 52.42" S  
 Monostruktuur tipe mas rool en wit geverf

Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelname proses in terme van die Omgewings Impak Assessering Regulasies 2010 (R543) soos gewysig en gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) soos gewysig ("NEMA")

Basiese assessering prosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Eastern Cape Department of Economic Development, Environmental Affairs and Tourism ingedien.

Die aansoeker wil tevens aansoek doen by die Eastern Cape Department of Economic Development, Environmental Affairs and Tourism vir vrystelling in terme van regulasie 50(1) van die Omgewingsimpakassesseringsregulasie 2010 (R543) soos gewysig om alternatiewe te assesseer met betrekking tot die beplande aktiwiteit.

**Aansoeker:**

Cell C (Edms) Bpk, Privaatsak x36, Benmore, 2010.

**Omgewing Assessering Praktisyn (OAP):**

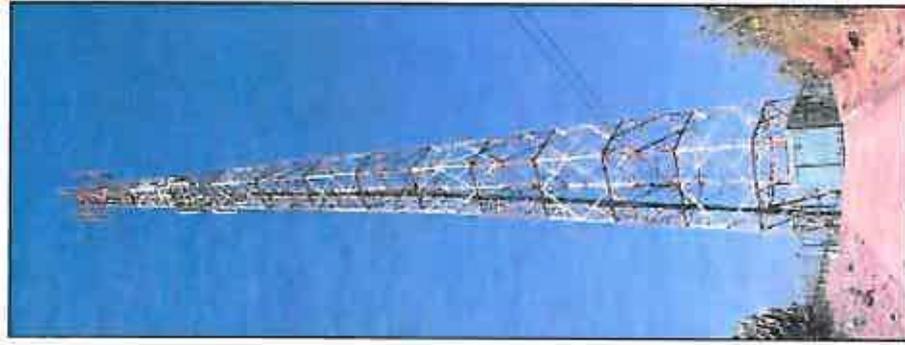
Infrastructure Planning Services Ing, Posbus 32017, Totiusdal, 0134  
 Vir aandag : W van't Foort  
 Tel: (012) 804 1504/6, Faks: (012) 804 7072, e-pos: admin@infraplan.co.za

Addisionele inligting ten opsigte van die voorgestelde aktiwiteit kan van die OAP verkry word.

Enige geïnteresseerde en geaffekteerde party mag skriftelik kommentaar ten opsigte van die voorgestelde aktiwiteit indien of versoek om as 'n geïnteresseerde en geaffekteerde party geregistreer te word. Dit moet gedoen word deur u skriftelike kommentaar of registrasie versoek tesame met u naam, fisiese - en pos adres (inklusief faksnommer en e-pos adres waar moontlik) en u kontaknommer(s), met vermelding van die verwysings nommer, binne 30 kalender dae vanaf die publikasie van hierdie kennisgewing, aan die OAP te stuur.

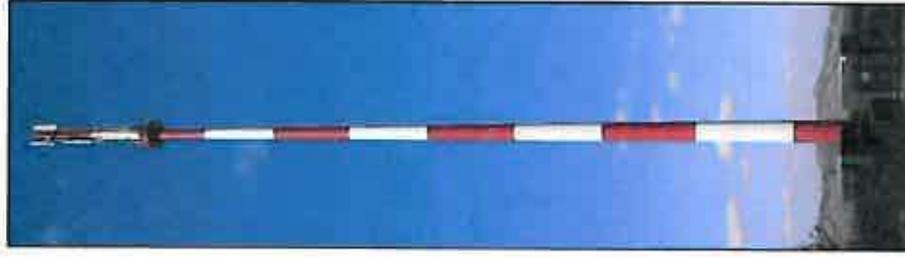
Kennisgewing publikasie datum: 22 Junie 2012

ALTERNATIVE 1



TYPICAL 4-LEGGED LATTICE MAST  
(PAINTED RED AND WHITE)

ALTERNATIVE 2



TYPICAL MONOPOLE MAST  
(PAINTED RED AND WHITE)

FACILITY ILLUSTRATION

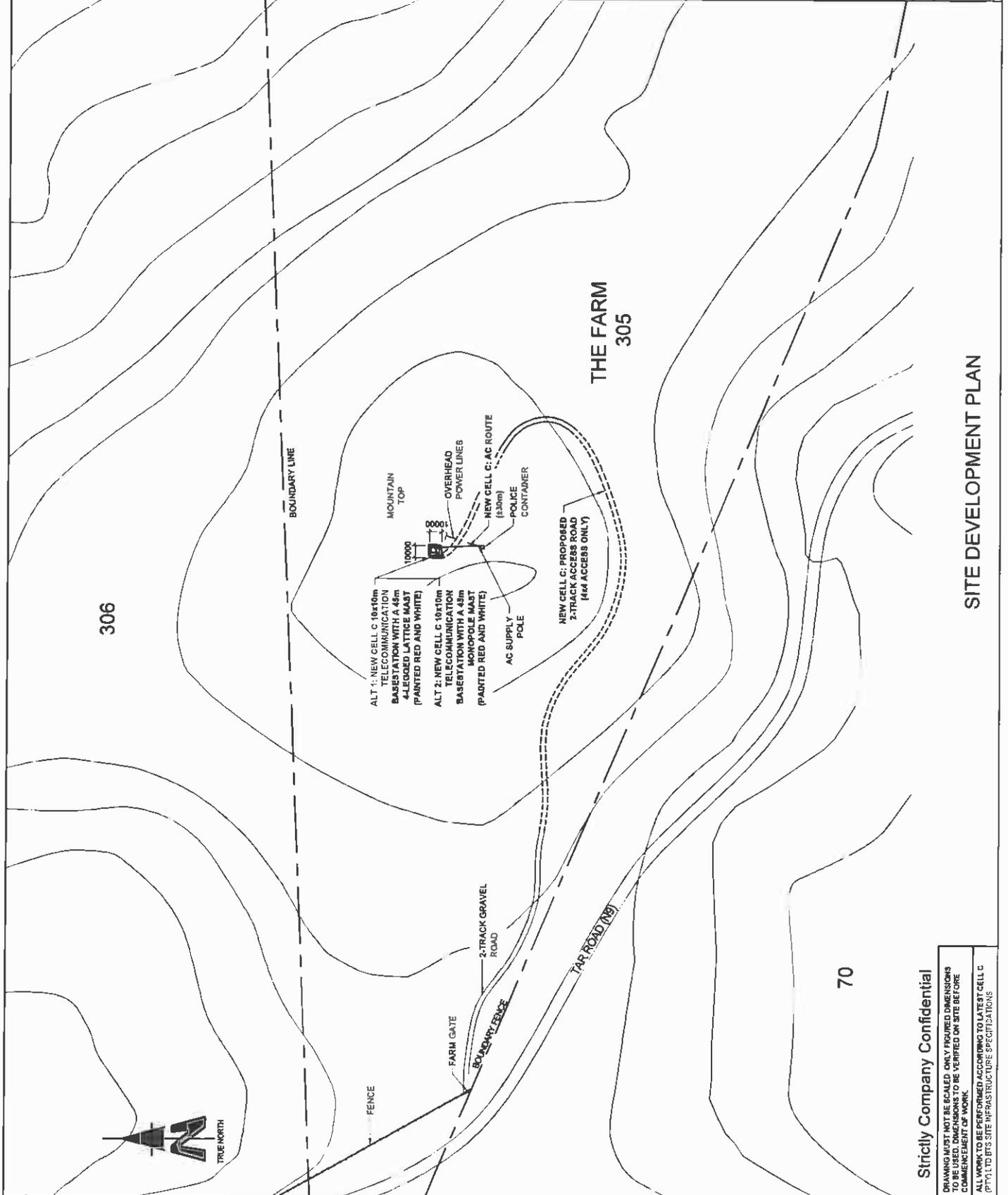
NO	DATE	DESCRIPTION	
0	11/07/2012	FIRST ISSUE	
<b>PROJECT</b>			
NEW 1000m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PT) LTD			
<b>DRAWN BY</b> PHATHU MALIDZWI			
<b>PROPERTY DESCRIPTION</b>			
THE FARM 303 MIDDELBURG RD			
<b>OWNER</b>			
JAGTPOORT BOERDERY C C			
<b>COORDINATES</b>			
LAT: -31 835706° LONG: 24 064501°			
<b>APPROVALS:</b>			
<b>CELL C RF PLANNER</b>			
Signature _____ Date _____			
<b>CELL C IMPLEMENTATION</b>			
Signature _____ Date _____			
<b>CELL C REAL ESTATE CO-ORDINATOR</b>			
Signature _____ Date _____			
<b>CELL C ENGINEER</b>			
Name _____ Signature _____ Number _____			
 			
Mobile Cellular Equip. Tel: +27 (0) 21 524 4222      Fax: +27 (0) 21 524 4201      Project Ref: 208 100 Riebeek Road      7th Floor      7800 Brackenford      Eastern Cape      2009 Durbanville			
140 Heidelberg, Unmanned Drive The City Centre, Port Elizabeth Eastern Cape Cape Town, 7800			
 474 Nyebeke Street Durbanville 7800 Tel: +27 (0) 21 524 4202 Fax: +27 (0) 21 524 4202 P.O. Box 20877 Durbanville 7800			
REVISION	SHEET NO	ISSUE	SCALE
0	11 OF 11	1	NTS
<b>SITE NO</b>			
107660			
<b>SITE NAME AND ADDRESS</b>			
LOOTSBURG FARM EAST			
OFF THE RD TO GRAAFF REINET, ON LEFT HAND SIDE, EASTERN CAPE			

Strictly Company Confidential

DRAWINGS MUST NOT BE SCALED, UNLESS SPECIFIC INSTRUCTIONS TO BE USED, IMPLEMENTED TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

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

NO	DATE	DESCRIPTION
0	11/01/2012	FIRST ISSUE
<b>PROJECT</b> NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD		
<b>DRAWN BY</b> PHATHU MULIDZIMI <b>PROPERTY DESCRIPTION</b> THE FARM 305 MIDDELBURG RD		
<b>OWNER</b> JAGTPOORT BOERDERY C C		
<b>COORDINATES</b> LAT -31 035700" LONG 24 064551"		
<b>APPROVALS:</b> <b>CELL C RF PLANNER</b> Signature _____ Date _____		
<b>CELL C IMPLEMENTATION</b> Signature _____ Date _____		
<b>CELL C REAL ESTATE CO-ORDINATOR</b> Signature _____ Date _____		
<b>CELL C ENGINEER</b> Name _____ Signature _____ Number _____		



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150 Richards Road  
Sandton  
Tel: +27 (0) 11 254 4000  
Fax: +27 (0) 11 254 4001  
Pretoria Bldg 124  
Mabasa Street  
Sandton

**ZTE中兴**

183 Middleburg Industrial Drive  
Typecasting Office Park  
Burgomaster Building  
Middelburg  
Cape Town: 7900

**TORBOUSE SOLUTIONS**

414 Breda Street  
Middelburg  
Tel: +27 (0) 061 12048  
Fax: +27 (0) 061 12049  
Manufacturing: Cape Town 7925  
P.O. Box 12047  
Middelburg  
0174

REVISION	SHEET NO	ISSUE	SCALE
0	3 OF 11	1	1:1000

**SITE NAME AND ADDRESS**  
 LOOTSBERG PASS EAST  
 OFF THE M9  
 MIDDELBURG TO GRAFF REINET  
 ON LEFT HAND SIDE  
 EASTERN CAPE

**Strictly Company Confidential**

DRAWING MUST NOT BE SCALED. ONLY DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.  
ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD BYS SITE INFRASTRUCTURE SPECIFICATIONS

# Lys van GEREGISTREERDE BRIEWE (with an insurance option/met 'n versekeringsopsie)



Post Office

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

Name and address of sender:  
Naam en adres van afsender:

INFRASTRUCTURE  
PLANNING SERVICES  
PO BOX 32017  
TOTTENHAM 0134  
TEL. (012) 804 1504/3

107560

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	Jagpoort Boerdery. PO BOX 354 Middelburg 5900	Partien 1 Esele Hoor 22	Newlands 306			REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 748 003 362 ZA
2	Diewekop Boerdery (Pty) Ltd. PO Box 26342. Monument park 0105	Partien 1	Diewekop 296			CUSTOMER COPY 301028R REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 748 003 359 ZA
3	Jagpoort Boerdery CC PO BOX 354. Middelburg. 5900	Partien 483	Jagpoort 301			CUSTOMER COPY 301028R REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 748 003 331 ZA
4	Stella Loock Familietrust PO BOX 697. Middelburg. 5900	Partien 1	oliveboom 308			CUSTOMER COPY 301028R REGISTERED LETTER (with a domestic insurance option) ShareCall 0860 111 502 www.sapo.co.za RD 748 003 345 ZA
5						
6						
7						
8						
9						
10						

Number of letters posted  
Getal briewe gepos ..... 4

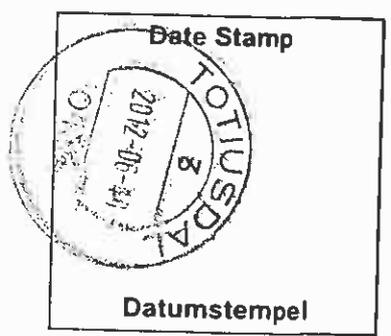
Total  
Totaal R R R R

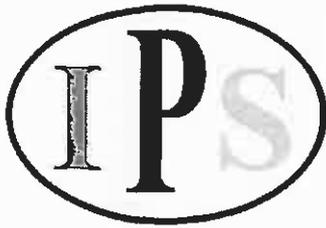
Signature of client  
Handtekening van kliënt *Guilliams*

Signature of accepting officer  
Handtekening van aanneembeampte *[Signature]*

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.





# 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](mailto:admin@infraplan.co.za)

Our Reference:

107560 / NREC 131-004-2012

Your Reference:

22 June 2012

**Owner of the Farm Farm 307 Middelburg RD and Remaining Extent  
Portion 1 of the Farm Olieve Boom 308 Middelburg RD**

Stella Loock Familietrust

P O Box 697

Middelburg

5900

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 (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDELBURG RD.**

We are acting on behalf of Cell C (Pty) Ltd in order to apply to the Eastern Cape Department of Economic Development and Environmental Affairs to establish a telecommunication base station on **The Farm Farm 305 Middelburg RD**

Attached hereto find the following for your information:

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: Vukani IPS Inc.

**PUBLIC PARTICIPATION PROCESS**

**REFERENCE NUMBER: NREC 131-004-2012**

Regulation 546 activity 3 (a) & (b) : (a) ii (ee) : Establishment of an enclosed telecommunication base station with a 45m mast for Cell C (Pty) Ltd: **107560 Lootsberg Pass East**

**Location: The farm Farm 305 Middelburg RD**

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

**Alternative 1: Latitude: 31° 50' 08.52"S Longitude: 24° 51' 52.42" E**

**Lattice type mast painted red and white**

**Alternative 2: Latitude: 31° 50' 08.52"S Longitude: 24° 51' 52.42"E**

**Monopole 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 Eastern Cape Department of Economic Development, Environmental Affairs and Tourism.

The applicant furthermore intends to apply to the Eastern Cape Department of Economic Development, Environmental Affairs 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:**

Cell C (Pty) Ltd, Private Bag X36, Benmore, 2010.

**Environmental Assessment Practitioner (EAP):**

Infrastructure Planning Services Inc., P.O. Box 32017, Totiusdal, 0134

Attention: W Van't Foort

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

E-mail: [admin@infraplan.co.za](mailto:admin@infraplan.co.za)

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

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

Notice publication date:

**22 June 2012**

**PUBLIEKE DEELNAME PROSES**

**VERWYSINGS NOMMER: NREC 131-004-2012**

Regulasie 546 aktiwiteit 3 (a) & (b) : (a) ii (ee) : **107560 Lootsberg Pass East** : Konstruksie van 'n telekommunikasie basisstasie vir Cell C (Edms) Bpk met 'n 45m hoë mas.

**Adres: Die Plaas Farm 305 Middelburg RD**

Koördinate (WGS84 formaat) van alternatiewe basisstasie opsies op die bovermelde eiendom:

**Alternatief 1: Lengtegraad 31° 50' 08.52" O Breedtegraad: 24° 51' 52.42" S**

**Latwerk tipe mas rool en wit geveer**

**Alternatief 2: Lengtegraad 31° 50' 08.52" O Breedtegraad: 24° 51' 52.42" S**

**Monostruktuur tipe mas rool en wit geveer**

Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelname proses in terme van die Omgewings Impak Assessering Regulasies 2010 (R543) soos gewysig en gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) soos gewysig ("NEMA")

Basiese assessering prosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Eastern Cape Department of Economic Development, Environmental Affairs and Tourism ingedien.

Die aansoeker wil tevens aansoek doen by die Eastern Cape Department of Economic Development, Environmental Affairs and Tourism vir vrystelling in terme van regulasie 50(1) van die Omgewingsimpakassesseringsregulasie 2010 (R543) soos gewysig om alternatiewe te assesseer met betrekking tot die beplande aktiwiteit.

**Aansoeker:**

Cell C (Edms) Bpk, Private sak x36, Benmore, 2010.

**Omgewing Assessering Praktisyn (OAP):**

Infrastructure Planning Services Ing, Posbus 32017, Totiusdal, 0134

Vir aandag : W van't Foort

Tel: (012) 804 1504/6, Faks: (012) 804 7072, e-pos: [admin@infraplan.co.za](mailto:admin@infraplan.co.za)

Addisionele inligting ten opsigte van die voorgestelde aktiwiteit kan van die OAP verkry word.

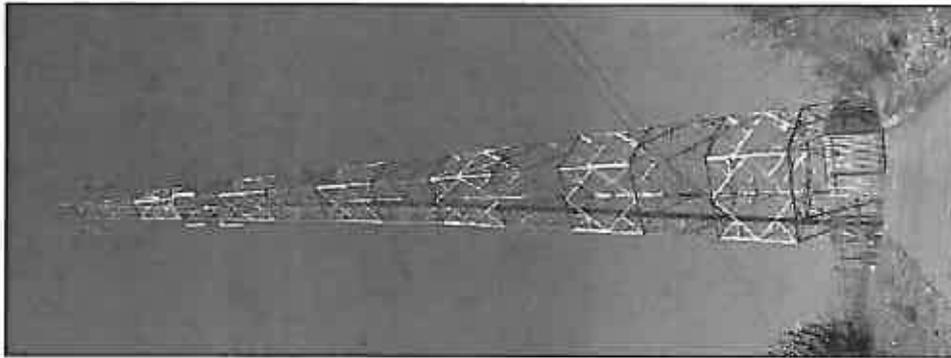
Enige geïnteresseerde en geaffekteerde party mag skriftelik kommentaar ten opsigte van die voorgestelde aktiwiteit indien of versoek om as 'n geïnteresseerde en geaffekteerde party geregistreer te word. Dit moet gedoen word deur u skriftelike kommentaar of registrasie versoek tesame met u naam, fisiese - en pos adres (inklusief faksnommer en e-pos adres waar moontlik) en u kontaknommer(s), met vermelding van die verwysings nommer, binne 30 kalender dae vanaf die publikasie van hierdie kennisgewing, aan die OAP te stuur.

Kennisgewing publikasie datum: **22 Junie 2012**



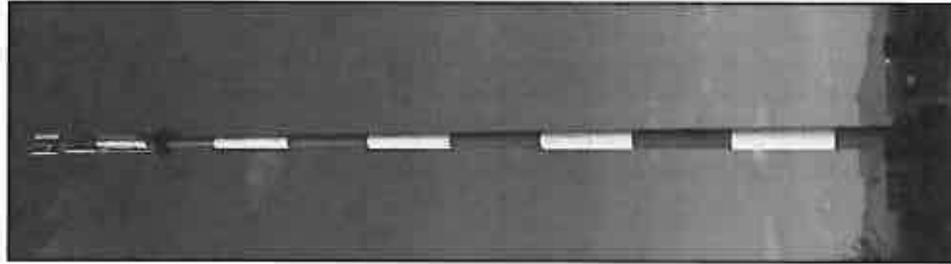


ALTERNATIVE 1



TYPICAL 4-LEGGED LATTICE MAST  
(PAINTED RED AND WHITE)

ALTERNATIVE 2



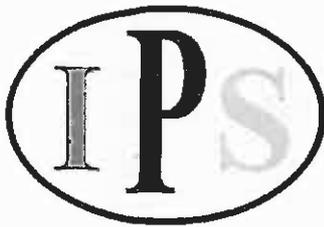
TYPICAL MONOPOLE MAST  
(PAINTED RED AND WHITE)

FACILITY ILLUSTRATION

NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
<b>PROJECT</b>			
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
<b>DRAWN BY</b> PHATHI MUKIZWE			
<b>PROPERTY DESIGNATION</b> THE FARM 305 MIDDELBURG RD			
<b>CARRIER</b> JAGTPOORT BOERDERY C C			
<b>COORDINATES</b>			
LAT	-31 835700*		
LONG	24 884581*		
<b>APPROVALS:</b>			
<b>CELL C RF PLANNER</b>			
Signature	_____		
Date	_____		
<b>CELL C IMPLEMENTATION</b>			
Signature	_____		
Date	_____		
<b>CELL C REAL ESTATE CO-ORDINATOR</b>			
Signature	_____		
Date	_____		
<b>CELL C ENGINEER</b>			
Name	_____		
Signature	_____		
Number	_____		
<p><b>CELLO™</b> THE POWER IS IN YOUR HANDS</p> <p>183 Hendrik Verwoerd Drive Tugela Office Park Empangeni Building Cape Town, 7500</p> <p>Mobile: 082 876 1234 Fax: 021 711 334 400 183 Hendrik Verwoerd Drive Empangeni 7500</p>			
<p><b>ZTE中兴</b></p> <p>183 Hendrik Verwoerd Drive Tugela Office Park Empangeni Building Cape Town, 7500</p>			
<p><b>TORRIHOUSE SOLUTIONS</b></p> <p>414 Riebeek Road Middelburg 0141</p> <p>Tel: +27 (0) 53 841 9008 Fax: +27 (0) 53 841 9073 www.torrihouse.co.za</p>			
<b>REVISION</b>	<b>SHEET NO</b>	<b>ISSUE</b>	<b>SCALE</b>
0	11 OF 11	1	NTS
<b>SITE NO</b>		<b>NTS</b>	
107560			
<b>SITE NAME AND ADDRESS</b>			
L DOTSBERG PASS EAST OFF THE N9 MIDDELBURG TO GRAAFF REINET, ON LEFT HAND SIDE, EASTERN CAPE			

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'S SITE INFRASTRUCTURE SPECIFICATIONS.



# INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated

Reg. No. 2001/014235/21

414 Rustic Road, Silvertondale, 0184

PO Box 32017, Totiusdal, 0134

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

Tel. (012) 804 1504/6

Fax (012) 804 7072

Our Reference:

107560 / NREC 131-004-2012

Your Reference:

22 June 2012

**Owner Portion 1 of the Farm Dieve Kop 296 Middelburg RD**

Diewekop Boerdery (Pty) Ltd

P O Box 26342

Monumentpark

0105

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 (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDELBURG RD.**

We are acting on behalf of Cell C (Pty) Ltd in order to apply to the Eastern Cape Department of Economic Development and Environmental Affairs to establish a telecommunication base station on **The Farm Farm 305 Middelburg RD**

Attached hereto find the following for your information:

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: Vukani IPS Inc.

**PUBLIC PARTICIPATION PROCESS**

**REFERENCE NUMBER: NREC 131-004-2012**

Regulation 546 activity 3 (a) & (b) : (a) ii (ee) : Establishment of an enclosed telecommunication base station with a 45m mast for Cell C (Pty) Ltd: 107560 Lootsberg Pass East

**Location: The farm Farm 305 Middelburg RD**

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

**Alternative 1: Latitude: 31° 50' 08.52"S Longitude: 24° 51' 52.42" E**

**Lattice type mast painted red and white**

**Alternative 2: Latitude: 31° 50' 08.52"S Longitude: 24° 51' 52.42"E**

**Monopole type mast painted red and white**

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The applicant furthermore intends to apply to the Eastern Cape Department of Economic Development, Environmental Affairs 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:**

Cell C (Pty) Ltd, Private Bag X36, Benmore, 2010.

**Environmental Assessment Practitioner (EAP):**

Infrastructure Planning Services Inc., P.O. Box 32017, Totiusdal, 0134

Attention: W Van't Foot

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

E-mail: admin@infraplan.co.za

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

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

Notice publication date:

**22 June 2012**

**PUBLIEKE DEELNAME PROSES**

**VERWYSINGS NOMMER: NREC 131-004-2012**

Regulasie 546 aktiwiteit 3 (a) & (b) : (a) ii (ee) : 107560 Lootsberg Pass East : Konstruksie van 'n telekommunikasie basisstasie vir Cell C (Edms) Bpk met 'n 45m hoë mas.

**Adres: Die Plaas Farm 305 Middelburg RD**

Koördinate (WGS84 formaat) van alternatiewe basisstasie opsies op die bovermelde eiendom:

**Alternatief 1: Lengtegraad 31° 50' 08.52" O Breedtegraad: 24° 51' 52.42" S**

**Latwerk tipe mas rool en wit geveer**

**Alternatief 2: Lengtegraad 31° 50' 08.52" O Breedtegraad: 24° 51' 52.42" S**

**Monostruktuur tipe mas rool en wit geveer**

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Die aansoeker wil tevens aansoek doen by die Eastern Cape Department of Economic Development, Environmental Affairs and Tourism vir vrystelling in terme van regulasie 50(1) van die Omgewingsimpakassesseringsregulasie 2010 (R543) soos gewysig om alternatiewe te assesseer met betrekking tot die beplande aktiwiteit.

**Aansoeker:**

Cell C (Edms) Bpk, Privaatsak x36, Benmore, 2010.

**Omgewing Assessering Praktisyn (OAP):**

Infrastructure Planning Services Ing, Posbus 32017, Totiusdal, 0134

Vir aandag : W van't Foot

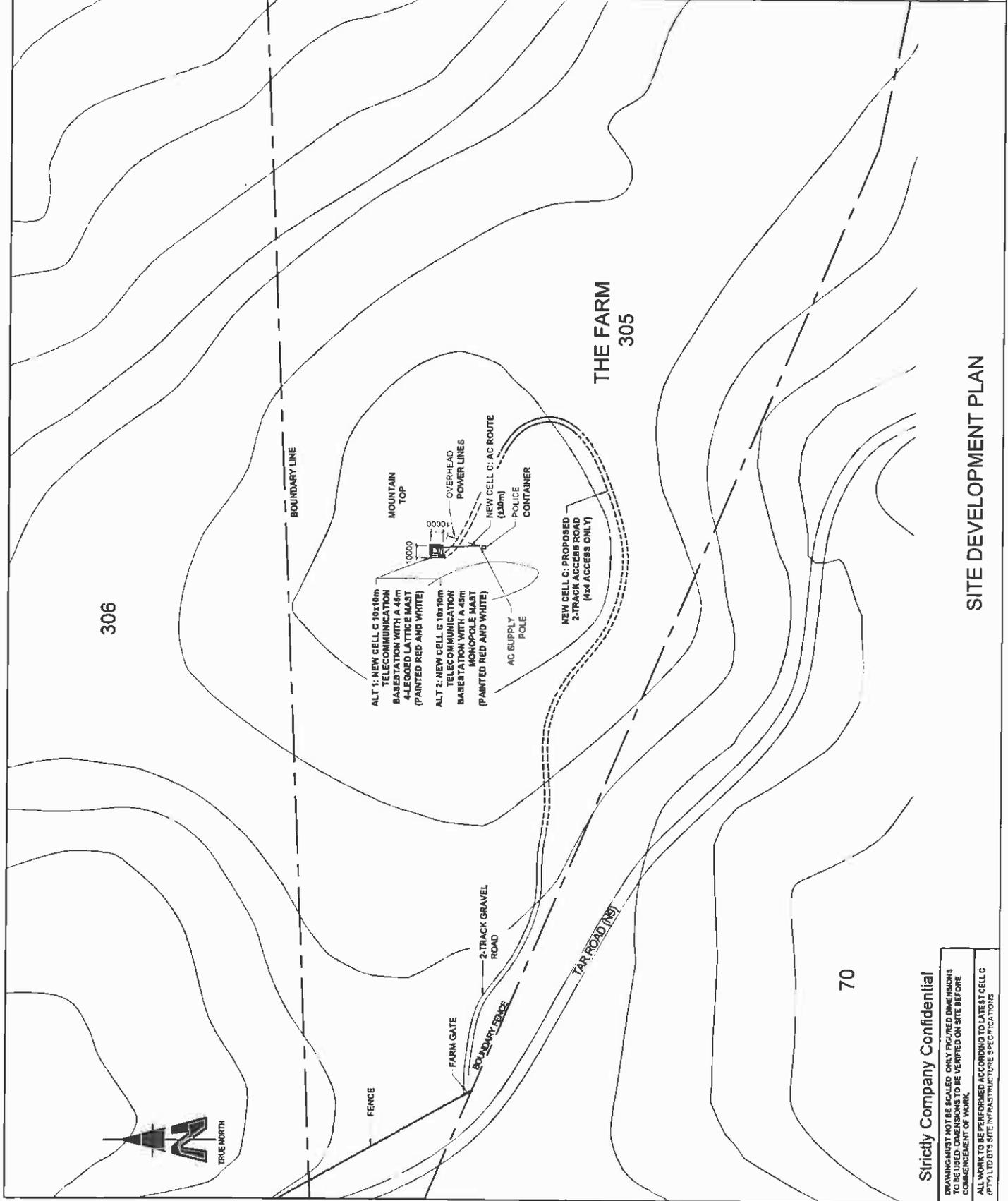
Tel: (012) 804 1504/6, Faks: (012) 804 7072, e-pos: admin@infraplan.co.za

Addisionele inligting ten opsigte van die voorgestelde aktiwiteit kan van die OAP verkry word.

Enige geïnteresseerde en geaffekteerde party mag skriftelik kommentaar ten opsigte van die voorgestelde aktiwiteit indien of versoek om as 'n geïnteresseerde en geaffekteerde party geregistreer te word. Dit moet gedoen word deur u skriftelike kommentaar of registrasie versoek tesame met u naam, fisiese - en pos adres (inklusief faksnommer en e-pos adres waar moontlik) en u kontaknommer(s), met vermelding van die verwysings nommer, binne 30 kalender dae vanaf die publikasie van hierdie kennisgewing, aan die OAP te stuur.

Kennisgewing publikasie datum: **22 Junie 2012**

NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
<b>PROJECT</b>			
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
<b>DRAWN BY</b> PHATHU MULIDZWI			
<b>PROPERTY DESCRIPTION</b>			
THE FARM 305 MIDDELBURG RD			
<b>OWNER</b>			
JAGTPOORT BOERDERY C C			
<b>COORDINATES</b>			
LAT -31.835700° LONG 24.864581°			
<b>APPROVALS:</b>			
<b>CELL C RF PLANNER</b>			
Signature _____ Date _____			
<b>CELL C IMPLEMENTATION</b>			
Signature _____ Date _____			
<b>CELL C REAL ESTATE CO-ORDINATOR</b>			
Signature _____ Date _____			
<b>CELL C ENGINEER</b>			
Name _____ Signature _____ Number _____			
<b>CELLO<sup>TM</sup></b>			
THE POWER IS IN YOUR HANDS			
150 Northwood Drive Trompsburg Office Park Burgomaster Building Middelburg Cell C (PTY) LTD			
Tel: +27 (0) 31 4 4000 Fax: +27 (0) 31 4 4001 Mobile: +27 (0) 82 1 2010			
<b>ZTE中兴</b>			
183 Northwood Drive Trompsburg Office Park Burgomaster Building Middelburg Cell C (PTY) LTD			
<b>TORRIHOUSE SOLUTIONS</b>			
P.O. Box 10917 Middelburg Tel: +27 (0) 31 4 4000 Fax: +27 (0) 31 4 4001 Mobile: +27 (0) 82 1 2010			
REVISION	SHEET NO	ISSUE	SCALE
0	3 OF 11	1	1:3000
<b>SITE NO</b>			
107550			
<b>SITE NAME AND ADDRESS</b>			
LOOTSBERG PASS EAST OFF THE N6 MIDDELBURG TO GRAAFF REINET ON LEFT HAND SIDE, EASTERN CAPE			



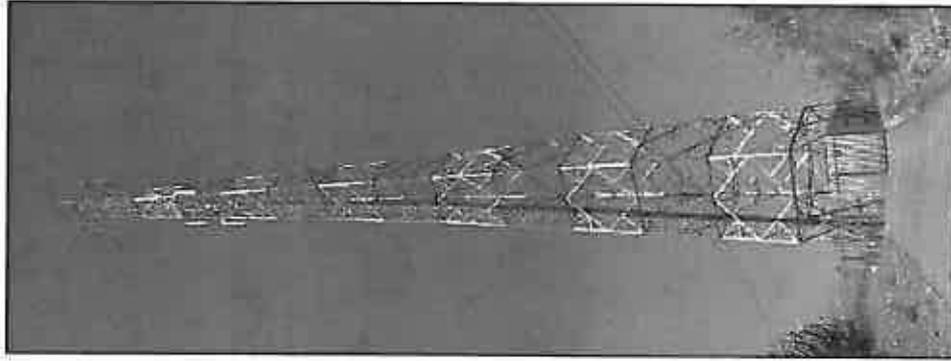
**SITE DEVELOPMENT PLAN**

Strictly Company Confidential

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

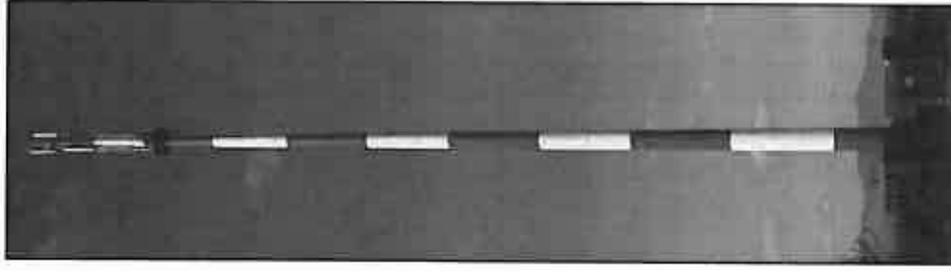
ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD'S SITE INFRASTRUCTURE SPECIFICATIONS

ALTERNATIVE 1



TYPICAL 4-LEGGED LATTICE MAST  
(PAINTED RED AND WHITE)

ALTERNATIVE 2



TYPICAL MONOPOLE MAST  
(PAINTED RED AND WHITE)

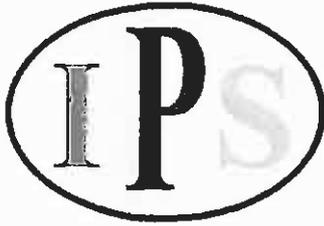
NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
<p><b>PROJECT</b> NEW 10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD</p> <p><b>DRAWN BY</b> PHATHI/MULEKWA <b>PROPERTY DESCRIPTION</b> THE FARM 305 MIDDELBURG RD MIDDELBURG</p> <p><b>OWNER</b> JAGTPOORT BOERDERY C C</p> <p><b>COORDINATES</b> LAT -31.435700° LONG 24.864591°</p> <p><b>APPROVALS:</b> CELL C RF PLANNER Signature _____ Date _____</p> <p>CELL C IMPLEMENTATION Signature _____ Date _____</p> <p>CELL C REAL ESTATE CO-ORDINATOR Signature _____ Date _____</p> <p>CELL C ENGINEER Name _____ Signature _____ Number _____</p> <p><b>CELLO<sup>TM</sup></b> THE POWER IS IN YOUR HANDS www.cello.co.za 150 The Circle Park 150 The Circle Park Midrand Tel: +27 (0) 11 331 4000 Fax: +27 (0) 11 331 4001 Private Bag 230 Midrand 2010</p> <p><b>ZTE中兴</b> 180 Numbank Midrand Drive 180 Numbank Midrand Drive Tel: +27 (0) 11 804 1800 Fax: +27 (0) 11 804 1803 Private Bag 100 Cape Town, 7500</p> <p><b>TURBOUSE SOLUTIONS</b> P.O. Box 20917 414 Duquesne Road 414 Duquesne Road Midrand Tel: +27 (0) 11 804 1800 Fax: +27 (0) 11 804 1803 Private Bag 100 Cape Town, 7500</p>			
REVISION	SHEET NO	ISSUE	SCALE
0	11 OF 11	1	NTS
SITE NO		107550	
SITE NAME AND ADDRESS			
LOOTSBERG PASS EAST			
OFF THE NG			
MIDDELBURG TO GRAAFF REINET			
ON LEFT HAND SIDE.			
EASTERN CAPE			

Strictly Company Confidential

DRAWINGS NOT TO BE SIGNED ONLY FOR THE PURPOSES OF CONSTRUCTION TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK

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

FACILITY ILLUSTRATION



# 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](mailto:admin@infraplan.co.za)

Our Reference:

107560 / NREC 131-004-2012

Your Reference:

22 June 2012

**Owner Remaining Extent Portion 1 of the Farm Esels Hoek  
302 Middelburg RD, The Farm 305 305 Middelburg RD and  
The Farm Newland 306 Middelburg RD**

Jagtpoort Boerdery  
P O Box 354  
Middelburg  
5900

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 (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDELBURG RD.**

We are acting on behalf of Cell C (Pty) Ltd in order to apply to the Eastern Cape Department of Economic Development and Environmental Affairs to establish a telecommunication base station on **The Farm Farm 305 Middelburg RD**

Attached hereto find the following for your information:

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: Vukani IPS Inc.

**PUBLIC PARTICIPATION PROCESS**

**REFERENCE NUMBER: NREC 131-004-2012**

Regulation 546 activity 3 (a) & (b) : (a) ii (ee) : Establishment of an enclosed telecommunication base station with a 45m mast for Cell C (Pty) Ltd: 107560 Lootsberg Pass East

**Location: The farm Farm 305 Middelburg RD**

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

**Alternative 1: Latitude: 31° 50' 08.52"S Longitude: 24° 51' 52.42" E**

**Lattice type mast painted red and white**

**Alternative 2: Latitude: 31° 50' 08.52"S Longitude: 24° 51' 52.42"E**

**Monopole 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 Eastern Cape Department of Economic Development, Environmental Affairs and Tourism.

The applicant furthermore intends to apply to the Eastern Cape Department of Economic Development, Environmental Affairs 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:**

Cell C (Pty) Ltd, Private Bag X36, Benmore, 2010.

**Environmental Assessment Practitioner (EAP):**

Infrastructure Planning Services Inc., P.O. Box 32017, Totiusdal, 0134

Attention: W Van't Foot

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

E-mail: admin@infraplan.co.za

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

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

Notice publication date:

**22 June 2012**

**PUBLIEKE DEELNAME PROSES**

**VERWYSINGS NOMMER: NREC 131-004-2012**

Regulasie 546 aktiwiteit 3 (a) & (b) : (a) ii (ee) : 107560 Lootsberg Pass East : Konstruksie van 'n telekommunikasie basisstasie vir Cell C (Edms) Bpk met 'n 45m hoë mas.

**Adres: Die Plaas Farm 305 Middelburg RD**

Koördinate (WGS84 formaat) van alternatiewe basisstasie opsies op die bovermelde eiendom:

**Alternatief 1: Lengtegraad 31° 50' 08.52" O Breedtegraad: 24° 51' 52.42" S  
Latwerk tipe mas rool en wlt geveerf**

**Alternatief 2: Lengtegraad 31° 50' 08.52" O Breedtegraad: 24° 51' 52.42" S  
Monostruktuur tipe mas rool en wlt geveerf**

Hiermee word kennis gegee aan alle belanghebbendes van 'n publieke deelname proses in terme van die Omgewings Impak Assessering Regulasies 2010 (R543) soos gewysig en gepromulgeer in terme van die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998) soos gewysig ("NEMA")

Basiese assessering prosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Eastern Cape Department of Economic Development, Environmental Affairs and Tourism ingedien.

Die aansoeker wil tevens aansoek doen by die Eastern Cape Department of Economic Development, Environmental Affairs and Tourism vir vrystelling in terme van regulasie 50(1) van die Omgewingsimpakassesseringsregulasie 2010 (R543) soos gewysig om alternatiewe te assesseer met betrekking tot die beplande aktiwiteit.

**Aansoeker:**

Cell C (Edms) Bpk, Privaatsak x36, Benmore, 2010.

**Omgewing Assessering Praktisyn (OAP):**

Infrastructure Planning Services Ing, Posbus 32017, Totiusdal, 0134

Vir aandag : W van't Foot

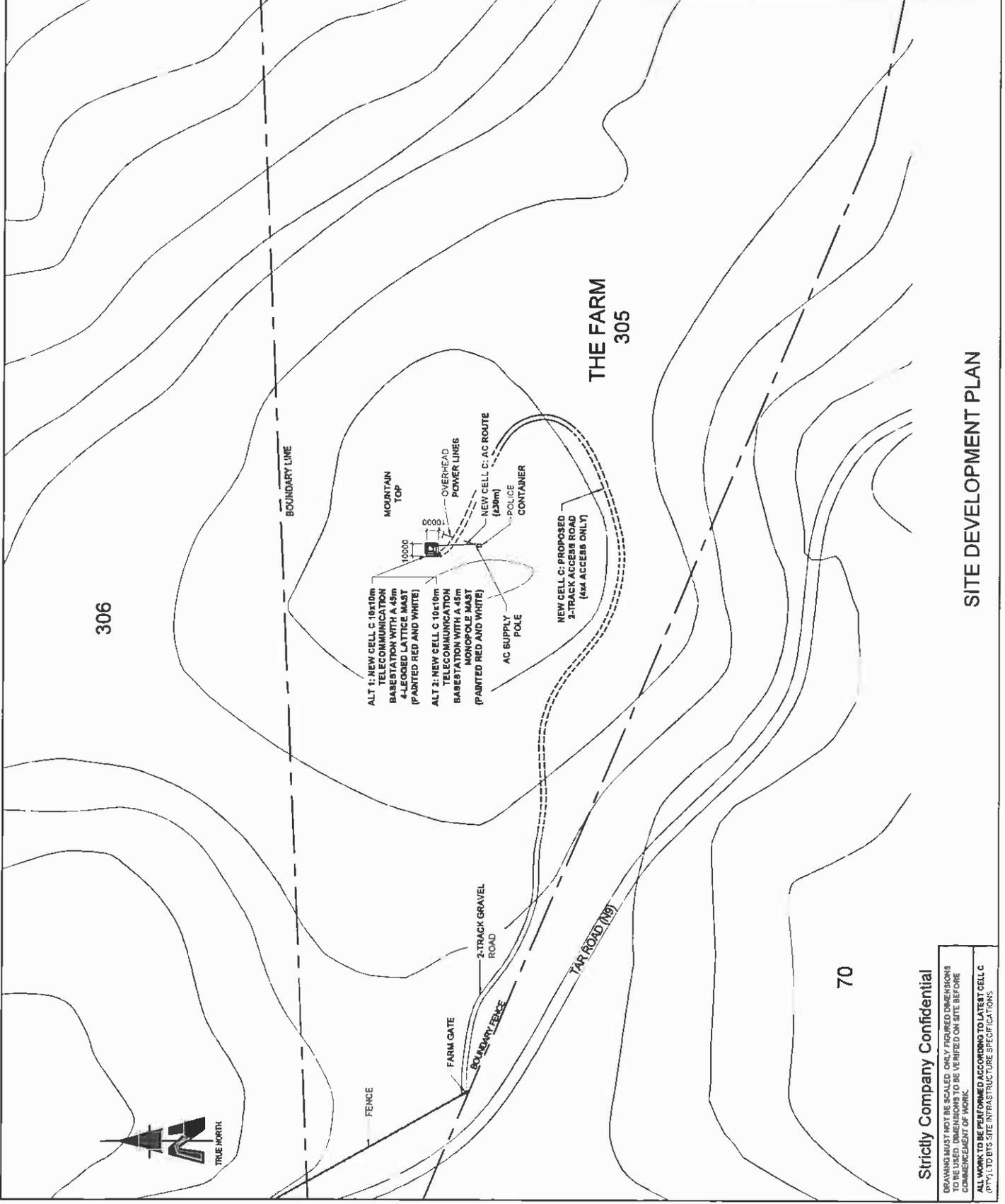
Tel: (012) 804 1504/6, Faks: (012) 804 7072, e-pos: admin@infraplan.co.za

Addisionele inligting ten opsigte van die voorgestelde aktiwiteit kan van die OAP verkry word.

Enige geïnteresseerde en geaffekteerde party mag skriftelik kommentaar ten opsigte van die voorgestelde aktiwiteit indien van versoek om as 'n geïnteresseerde en geaffekteerde party geregistreer te word. Dit moet gedoen word deur u skriftelike kommentaar of registrasie versoek tesame met u naam, fisiese - en pos adres (inklusief faksnommer en e-pos adres waar moontlik) en u kontaknommer(s), met vermelding van die verwysings nommer, binne 30 kalender dae vanaf die publikasie van hierdie kennisgewing, aan die OAP te stuur.

Kennisgewing publikasie datum: **22 Junie 2012**

NO	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
<b>PROJECT</b> NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTV) LTD			
<b>PROPERTY DESCRIPTION</b> THE FARM 305 MIDDELBURG RD			
<b>OWNER</b> JAGTPOORT BOERDERY C C			
<b>COORDINATES</b> LAT -31 035700" LONG 24 094561"			
<b>APPROVALS:</b> 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 _____			
<b>CELLCO™</b> THE POWER IS IN YOUR HANDS Mobile Office Park Tel: +27 (0) 204 000 180 180 Riverside Road Fax: +27 (0) 204 000 2010 Sandton 2010			
<b>ZTE中兴</b> 180 Henrich, Vredeford Drive Teyateyaneng Office Park Impresso Building Centurion, Pretoria Cape Town, 7500			
<b>TORBOUSE SOLUTIONS</b> P. O. Box 2007 414 Du Toit Street Tel: +27 (0) 21 464 19048 180 Riverside Road Fax: +27 (0) 204 19172 Sandton, 2010 Cape Town, 7500			
REVISION	SHEET NO	ISSUE	SCALE
0	3	11	1
SITE NO		1 3000	
107560			
<b>SITE NAME AND ADDRESS</b> LOTSBERG PASS EAST OFF THE N0 MIDDELBURG TO GRAAFF REINET ON LEFT HAND SIDE, EASTERN CAPE			



**SITE DEVELOPMENT PLAN**

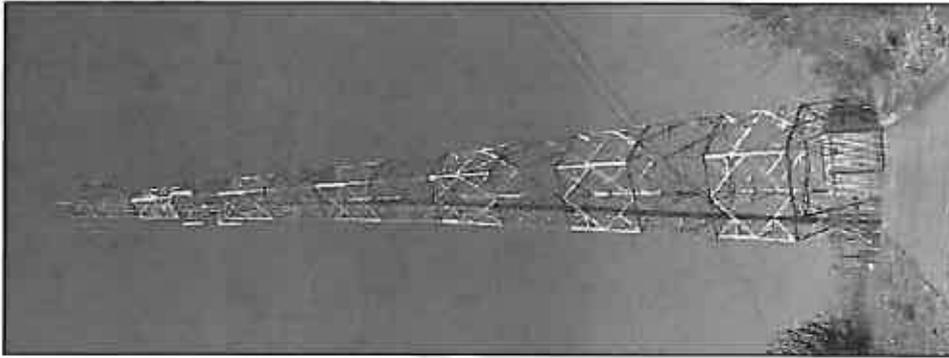
Strictly Company Confidential

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 (PTV) LTD'S SITE INFRASTRUCTURE SPECIFICATIONS.

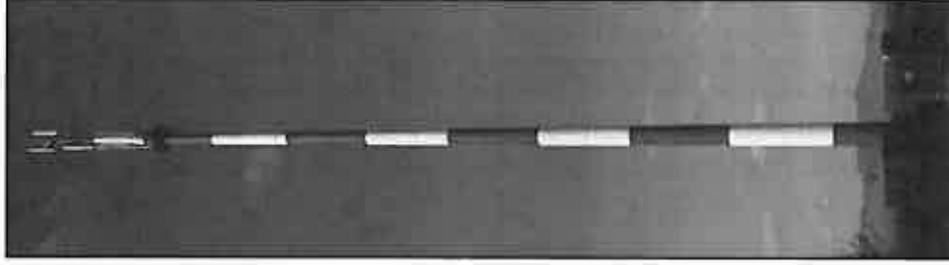


ALTERNATIVE 1



TYPICAL 4-LEGGED LATTICE MAST  
(PAINTED RED AND WHITE)

ALTERNATIVE 2



TYPICAL MONOPOLE MAST  
(PAINTED RED AND WHITE)

FACILITY ILLUSTRATION

NO.	DATE	DESCRIPTION	
0	11/01/2012	FIRST ISSUE	
PROJECT			
NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTY) LTD			
DRAWN BY: RHATHU MULOZEM			
PROPERTY DESCRIPTION: THE FARM 305 MIDDELBURG RD			
OWNER: JAGTPOORT BOERDERY C C			
COORDINATES			
LAT -31.835700°			
LONG 24.864581°			
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 _____			
			
Mobile Cells, Inc. Tel: +27 (0) 26 4 4021 Private Bag 208 1200 Romain Road, P.O. Box 1000 Midrand, Johannesburg, South Africa. Fax: +27 (0) 26 4 4021 2010			
			
183 Hendrik Verwoerd Drive Tyngene Office Park Bergoed Building Sandton, Johannesburg, South Africa Cape Town, 7700			
			
414 Durban Road Durban Durban, KwaZulu-Natal, South Africa Tel: +27 (0) 31 204 1000 Fax: +27 (0) 31 204 1010 Email: info@torbiuse.com			
REVISION	SHEET NO	ISSUE	SCALE
0	11 OF 11	1	NTS
SITE NO		107560	
SITE NAME AND ADDRESS			
LOOTSBERG PASS EAST OFF THE N6 MIDDELBURG TO GRAFF REINET. ON LEFT HAND SIDE, EASTERN CAPE			

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



# 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](mailto:admin@infraplan.co.za)

Our Reference:

107560 / NREC 131-004-2012

Your Reference:

22 June 2012

**Owner Remaining Extent Portion 1 of the Farm Esels Hoek  
302 Middelburg RD, The Farm 305 305 Middelburg RD and  
The Farm Newland 306 Middelburg RD**

Jagtpoort Boerdery  
P O Box 354  
Middelburg  
5900

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 (EE) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON THE FARM FARM 305 MIDDELBURG RD.**

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3. Facility Illustration

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**22 June 2012**

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**VERWYSINGS NOMMER: NREC 131-004-2012**

Regulasie 546 aktiwiteit 3 (a) & (b) : (a) ii (ee) : 107560 Lootsberg Pass East : Konstruksie van 'n telekommunikasie basisstasie vir Cell C (Edms) Bpk met 'n 45m hoë mas.

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Vir aandag : W van't Foot

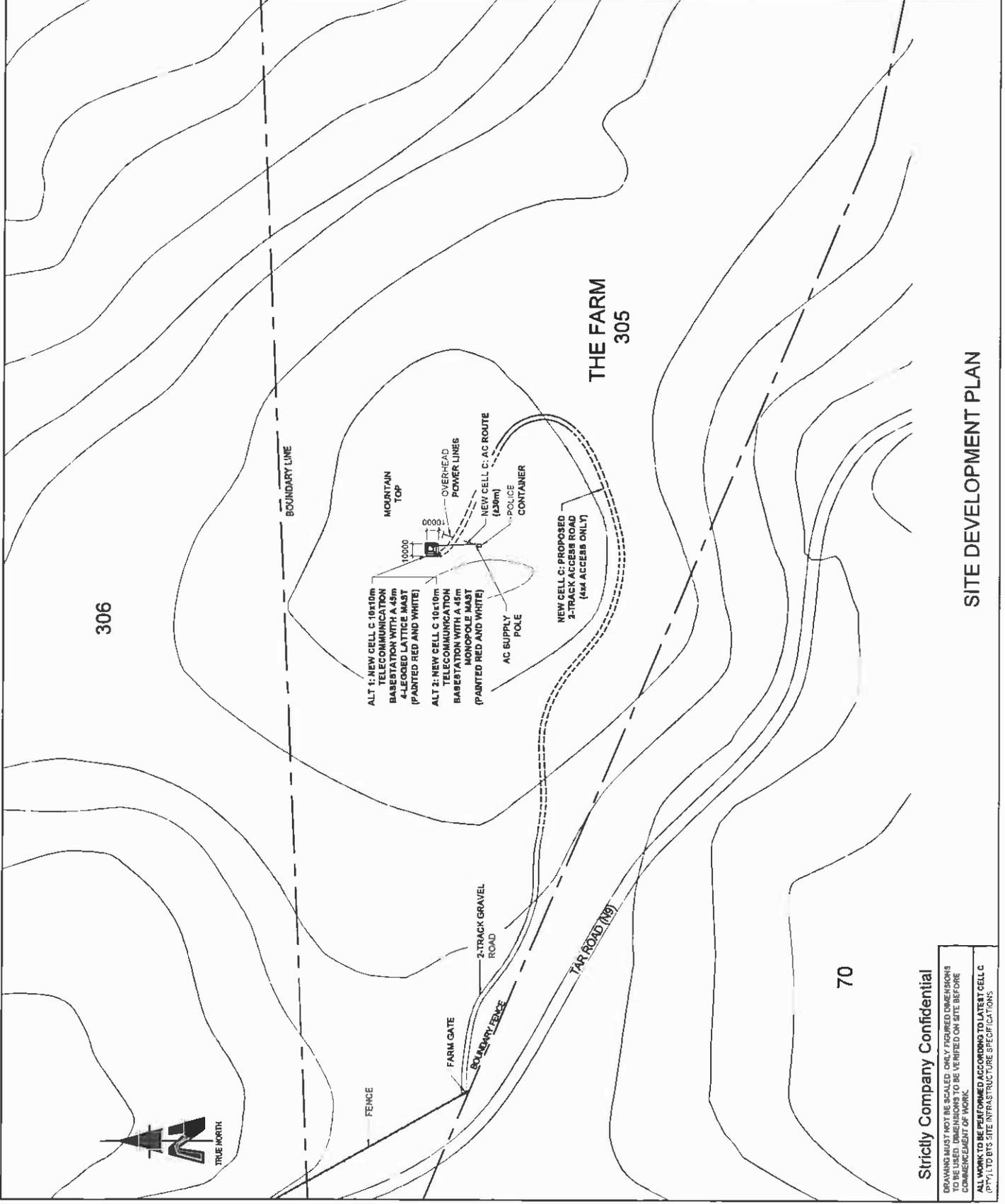
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<b>PROJECT</b> NEW 10x10m TELECOMMUNICATION BASESTATION WITH A 45m MAST FOR CELL C (PTV) LTD			
<b>DRAWN BY:</b> PHATHU MULIDZIM <b>PROPERTY DESCRIPTION:</b> THE FARM 305 MIDDELBURG RD			
<b>OWNER:</b> JAGTPOORT BOERDERY C C			
<b>COORDINATES</b> LAT -31 035700" LONG 24 094561"			
<b>APPROVALS:</b> 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 _____			
<div style="text-align: center;">  <p><b>CELLO</b><sup>TM</sup></p> <p>THE POWER IS IN YOUR HANDS</p> </div> <p>Mobile Office Park Tel: +27 (0) 204 000 000            180 Riverside Road Fax: +27 (0) 204 000 010            Sandton            Johannesburg            South Africa</p>			
<div style="text-align: center;">  <p><b>ZTE中兴</b></p> </div> <p>180 Henrichs, Vredeford Drive            Teyateyaneng Office Park            Impoverished Building            Gaborone, Botswana            Central Tower, 7000</p>			
<div style="text-align: center;">  <p><b>TORBOUSE SOLUTIONS</b></p> </div> <p>P. O. Box 200            414 Durban Road Tel: +27 (0) 804 19048            Midrand, Gauteng Fax: +27 (0) 804 19072            Johannesburg            South Africa</p>			
REVISION	SHEET NO	ISSUE	SCALE
0	3	11	1
SITE NO		107560	
<b>SITE NAME AND ADDRESS</b> LOOTSBERG PASS EAST OFF THE N0 MIDDELBURG TO GRAAFF REINET ON LEFT HAND SIDE, EASTERN CAPE			



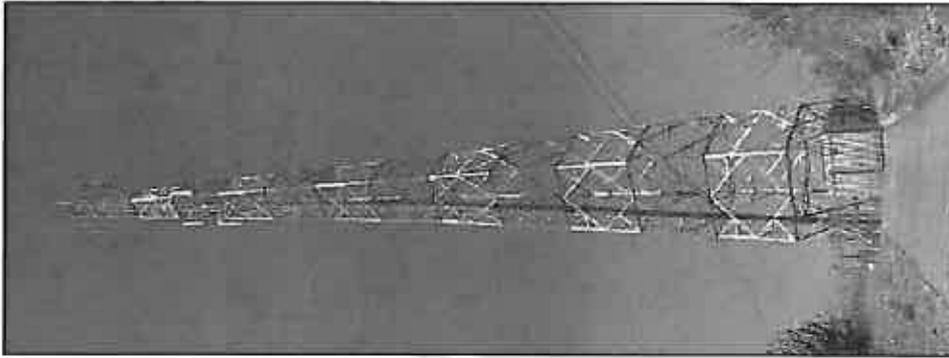
**SITE DEVELOPMENT PLAN**

**Strictly Company Confidential**

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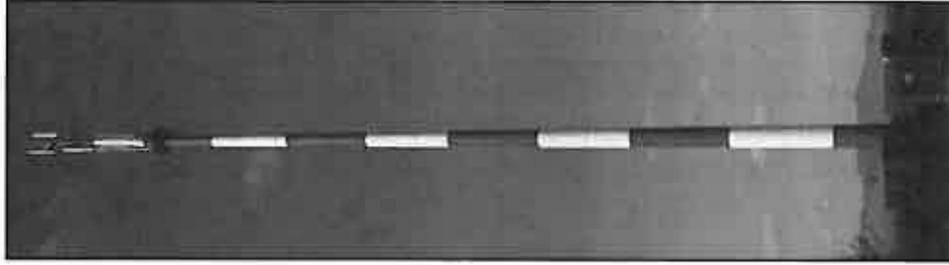
**ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTV) LTD'S SITE INFRASTRUCTURE SPECIFICATIONS**

ALTERNATIVE 1



TYPICAL 4-LEGGED LATTICE MAST  
(PAINTED RED AND WHITE)

ALTERNATIVE 2



TYPICAL MONOPOLE MAST  
(PAINTED RED AND WHITE)

FACILITY ILLUSTRATION

NO.	DATE	DESCRIPTION	
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PROJECT			
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DRAWN BY: RHATHU MULOZEM			
PROPERTY DESCRIPTION: THE FARM 305 MIDDELBURG RD			
OWNER JAGTPOORT BOERDERY C C			
COORDINATES			
LAT -31.835700°			
LONG 24.864581°			
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	_____	
			
Mobile Cells, Inc. Tel: +27 (0) 26 4 4021 Private Bag 208 1200 Romain Road, Paarl, 7101, South Africa Fax: +27 (0) 26 4 4021			
			
183 Hendrik Verwoerd Drive Tyngene Office Park Bergoed Building Sandton, Johannesburg Cape Town, 7700			
			
414 Riebeeck Street Middeburg Tel: +27 (0) 26 4 1008 Fax: +27 (0) 26 4 1072 Email: info@torbiuse.com			
REVISION	SHEET NO	ISSUE	SCALE
0	11 OF 11	1	NTS
SITE NO		107560	
SITE NAME AND ADDRESS			
LOOTSBERG PASS EAST OFF THE N6 MIDDELBURG TO GRAAFF REINET. ON LEFT HAND SIDE, EASTERN CAPE			

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

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

107560



(with an insurance option/met 'n versekeringsopsie)

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

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

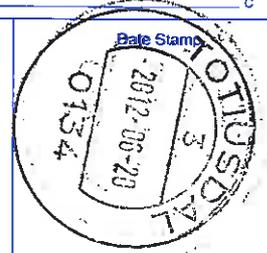
Addressed to/Geadresseer aan  
*South African Heritage Resources Agency*  
*PO Box 4637*  
*Cape Town*

8000 Postcode  
Postkode

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

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

Initial of  
accepting  
officer



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 betaalbaar sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs op internasionale geregistreerde briewe van toepassing.

**REGISTERED LETTER**  
*(with a domestic insurance option)*  
ShareCall 0850 111 502 www.sapb.co.za

**RD 748 002 680 ZA**

CUSTOMER COPY 301028R  
Volg en spoor  
Klientafskrif

Paraaf van  
aaneem-  
beampte

Datumstempel

**G3 – South African Civil Aviation Authority Approval**

**SOUTH AFRICAN**



**CIVIL AVIATION  
AUTHORITY**

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

**Postal Address:**  
Private Bag X 73  
Halfway House  
1685

**Telephone Number:**  
+27 11 545 1000

**Fax Number:**  
+27 11 545 1465

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

**Website address:**  
www.caa.co.za

**Enquiry's: Lizell Ströh**  
[strohl@caa.co.za](mailto:strohl@caa.co.za)  
**Tel. 011 545 1232**  
**Fax. 011 545 1451**

23 April 2007

Turbiose Solutions  
P O Box 32017  
Totiosdal  
0134

To: Mr Wim Anholts

Communication structure,

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

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

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

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

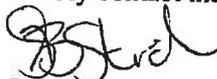
Board Members: Mr D Moorosi (Chairman), Mr J Morrison, Ms M Magasa, Ms B Mohlala, Maj Gen T Ntsibande, Mr Z Myeza (CEO)



*Note-.*

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

Kindly contact the writer if more information is required.



Lizell Stroh

**AERODROME SAFETY OVERSIGHT**

**G4 – Proof of Newspaper Ad**

## GEDRUKTE MEDIA

# Roete vir transformasie bepleit

James-Brent Styan

KAAPSTAD. – Die parlementêre portefeuljekomitee oor kommunikasie het belangegroep drie maande gegee om 'n roetekaart te ontwikkel vir transformasie in die gedrukte media.

Dié roetekaart mag die moontlikheid van 'n mediamanifes insluit.

Eric Kholwane, voorsitter van die komitee, het gister gesê die ko-

mitee het nog geen besluite geneem rakende die transformasieproses van die gedrukte media nie.

Die DA het vroeër die week 'n verklaring uitgereik waarin beweer is dat die komitee aan druk-groep opdrag gegee het om 'n konsepmanifes vir transformasie te gaan opstel.

“Ons het net dié week met die verskeie belangepartye vergader waartydens hulle terugvoering

gegee het oor die proses waarmee hulle reeds byna nege maande besig is. Ná die terugvoeringproses het ons hulle gevra om binne drie maande terug te keer met 'n duidelike roetekaart vorentoe.”

Die drie groepe wat saamwerk aan die transformasievraagstuk, is die Media Development and Diversity Agency (MDDA), die regeeringsinligtingsdiens (GCIS) en die private drukgroep Drukmedia Suid-Afrika (DSA).

DSA verteenwoordig die private mediagroep in Suid-Afrika.

Ingrid Louw, uitvoerende hoof van Drukmedia Suid-Afrika, het gister bevestig dat nog geen besluite deur die komitee geneem is nie.

Sy het gesê DSA het wel 'n meganisme aan die komitee voorgestel – 'n gedrukte media-transformasieraad.

“Ons is baie duidelik daaroor dat transformasie in die gedrukte

media wel al plaasgevind het. Die gedrukte media-bedryf speel 'n baie groot en belangrike rol in Suid-Afrika en daarom is hierdie soort gesprek tussen die partye aan die gang om te kyk wat nog gedoen kan word.”

Louw het gesê DSA se voorstel het die komitee ietwat onkant gelaat en dit het voorgekom of hulle nie te vinde was daarvoor nie.

“Maar dit was maar deel van die gesprek, en die partye sal nou

verder gaan werk aan hul voorstelle rondom die bevordering van transformasie in die gedrukte media. Drukmedia Suid-Afrika se direkteur sal volgende week vergader en opsies bespreek.”

Die kommunikasiekomitee het verlede jaar reeds met gesprekke rondom transformasie in die media begin.

Uit die statistieke het geblyk dat net 14% van die Suid-Afrikaanse media in swart besit is en

slegs 4% van die media deur vroue besit word.

Die ANC en die regering wil hê duideliker riglyne moet ontwikkel word vir die ontleding van inhouddiversiteit en transformasiedoelwitte in die gedrukte media, en wil die MDDA en die GCIS vir dié doelwit gebruik.

Die private gedrukte media-bedryf wil egter onafhanklik of deur DSA die kernkwessies oor swart ekonomiese bemagtiging pak.

## Joernaliste 'kort meer beskerming'

JOHANNESBURG. – Joernaliste wat hul lewens op die spel plaas om nuus te versamel, dit te ontlee en inligting aan die burgerlike gemeenskap deur te gee moet beter beskerming kry, vra prof. Christof Heyns, spesiale rapporteur van die Verenigde Nasies (VN) se raad op menseregte.

Heyns en die menseregtekenner van die VN, Frank la Rue, het gister 'n verslag aan die VN se Menseregteraad in Genève oorhandig waarin hulle vra vir die beter beskerming van joernaliste.

“Aanvalle op joernaliste is aanvalle teen die demokrasie,” het hulle gisteraand in 'n gesamentlike verklaring gesê.

Heyns en La Rue het die internasionale gemeenskap en regeerings gevra om op te staan vir mediavryheid.

Hulle is dit eens dat joernaliste dié mense in die wêreld is wat die meeste met die dood gedreig word.

Heyns het gesê dit is feitlik ondenkbaar om jou 'n wêreld sonder joernaliste voor te stel.

“Sonder hul werk sal die mens tot stilte gedoem word.”

La Rue het gesê die volgehoue vervolging van joernaliste en die wêreldwye aanslag op mediavryheid en pogings om inligting wat “ongemaklik” is te onderdruk, is onaanvaarbaar en lei tot 'n klimaat van angs en selfsensorkap.

Dié twee VN-raadslede het onder meer voorgestel dat die burgerlike samelewing en senior regeeringslui joernaliste in die openbaar steun. – Elise Tempelhoff



## Ongewone dag vir die staatsdiens

Indiese staatsamptenare word gered terwyl rook uit 'n brandende regeringsgebou in die deelstaat Maharashtra in Moembaï borrel. Honderde werkers is gister uit die seweverdiepinggebou verwyder terwyl byna 30 brandweerwaens langer as drie uur gesukkel het om die brand in Indië se finansiële en vermaaklikheids hoofstad te blus. Luidens berigte is 14 mense beseer, onder wie een wat in 'n kritieke toestand is. Hi-drouluse platforms en twee vloothelikopters is gebruik om die vasgekeerdes te red. Die oorsaak van die brand is onbekend. Foto: AP

## Digter in sak en as ná rekenaar voete kry

Neels Jackson

JOHANNESBURG. – Die digter Cas Vos se trane het baie vlak gelê toe hy gisteroggend beseef sy jongste “kind” is weg.

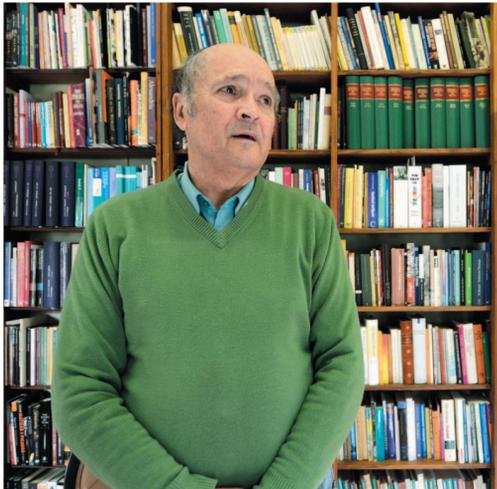
“Ek sal nooit weer kan dig nie!” het hy in desperaatheid oor die verlies uitgeroep.

Die “kind” wat verlore is, is die byna voltooide manuskrip van *Suaels kom die jaar later* – wat sy agtste en hy glo beste digbundel nog sou wees.

Dit was op sy skootrekenaar wat die vorige nag uit sy studeerkamer weggedra is deur 'n dief. Dié het die fiewering van 'n eetkamer venster oopgebuig en is ook vort met sy vrou se skootrekenaar en 'n TV-stel.

Oor die TV-stel en die rekenaar is hy nie besorg nie, selfs nie oor die jongste weergawe van 'n roman waaraan hy werk wat ook op die rekenaar was nie.

Maar die gedigte! Dit is on-



'n Verslae prof. Cas Vos in sy studeerkamer Foto: FRANCO MEGANNON

vervangbaar.

Hy wou 'n paar dae gelede 'n uitdruk van al die gedigte maak, maar hy het nie, het

Vos gesê.

Hy wou die manuskrip nog elders stoor, maar hy het nie. Net van een of twee van die

gedigte het hy afskrifte op papier.

Party van die verse – sowat 20% van die bundel, skat hy – het hy aan letterkundiges vir kommentaar gestuur. Hy hoop hy sal by hulle afskrifte daarvan kan kry.

Maar die res, sê hy, sal hy nooit weer kan oorskryf nie. En die terugvoering wat hy gekry het op die klompie gedigte wat hy wel met ander mense gedeel het, was dat dit sy beste verse nóg is.

Daarom hoop hy desperaat dat die polisie, of enigiemand wat dalk sy rekenaar iewers kry, dit aan hom sal terugbesorg.

“Ek voel soos iemand wie se tong afgesny is,” het Vos gesê. Die heel laaste gedig wat hy vir die bundel geskryf het, is een van enkeles waarvan hy 'n afskrif op papier het.

Die titel is “As 'n kind sterf” en Vos sê dis hoe hy ná die verlies van sy manuskrip voel: asof sy heelal stilstaan, want sy kind het gesterf.

## Highveld Stereo vermaan ná klankgreep

JOHANNESBURG. – 'n Radioberig van die beweerde dienoverkragting van 'n jong meisie in Soweto tydens 'n nuusbuletin van Highveld Stereo het die uitsaai-kode oortree.

Sewe verdagtes, onder wie twee minderjariges, is op 17 April in Dobsonville, Soweto, deur die polisie in hegtenis geneem nadat 'n video waarin hulle glo dié 13-jarige meisie herhaaldelik verkrag, oor selfoonnetwerke versprei is.

Die aanklagte teen 'n 20-jarige verdagte is Woensdag weens 'n gebrek aan bewyse in die Roodepoortse landdroshof laat vaar en die borgtog-aansoek van 'n 18-jarige en 19-jarige verdagte is intussen

ook in dieselfde hof toegestaan.

Die saak teen die oorblywende ses verdagtes sal op 6 September in die Roodepoortlanddroshof hervat word.

Highveld Stereo het in April klankgrepe van die dienoverkragting, wat deur Eye-witness News (EWN) saamgestel is, in 'n nuusbuletin gebruik.

Die stemme van die vermeende verkragters en hul slagoffer kan met tye tydens dié tien minute lange nuusberig gehoor word.

EWN het luisteraars voor dié uitsending gewaarsku dat dié berig sensitiewe inhoud bevat.

Die Uitsaai-klagtekommissie van Suid-Afrika (UKKSA)

het bevind dat die radiostasie gefouteur het omdat mense die slagoffer se identiteit sou kon raai.

Volgens die UKKSA is die uitsending ook gelykstaande aan kinderpornografie en mag dit dus ingevolge die Wet op Rolprente en Publikasies glad nie versprei word nie.

Dit sluit ook die gedeeltelike verspreiding en die afsonderlike verspreiding van beide die klankbaan of video aan individue in.

Volgens prof. Kobus van Rooyen, voorsitter wat die klagte aangehoor het, is dié aspekte egter nie in die verhoor geopper nie en het die UKKSA besluit om nie die

vraag of EWN dus deur hul uitsending die verspreiding van kinderpornografie bevorder het, na te volg nie.

Die UKKSA het egter gewaarsku dat dit wel 'n opsie kan wees, indien hulle vorentoe oor soortgelyke uitsendinge deur ander uitsaaiers moet besluit.

Van Rooyen het bygevoeg dat die UKKSA se tribunaal nog nooit vantevore 'n beslissing oor die indirekte identifisering van slagoffers van seksuele misdade gemaak het nie.

Die tribunaal het besluit om EWN net 'n waarskuwing te gee, maar besluit dat hulle voortaan strenger teen sulke gedrag sal optree. – Sapa



Auma en Barack Obama in sy woonstel in Chicago kort nadat hulle die eerste keer ontmoet het. Op di foto is sy 24 en hy 23. Foto: AND THEN LIFE HAPPENS

## Obama-suster leer hom eers op 24 ken

Haar broer is wêreldbekend, maar Auma Obama is self ook iemand wat aandag trek, skryf JANICE KEOGH.

Haar broer is die eerste swart president van die VSA en in restaurante en lughawens wêreldwyd word sy oorval deur mense wat meer oor Barack Obama wil weet.

Dit het so erg geword dat Auma Obama haar net op haar voornaam voorstel en as iemand vra: “Maar is jy nie...” dan jok sy.

Dr. Auma Obama sit regop in die rooi stoel voor 'n verwarmer by die Goethe-instituut in Rosebank, Johannesburg. As iemand met baie media-onderhoude agter die rug, is sy gereed vir enigiets.

“Hy gaan wen. Natuurlik gaan hy wen. Ek hoop so,” antwoord sy sommer dadelik die vraag oor haar broer wat hom vanjaar weer verkiesbaar gestel het as president.

Wat Auma egter na Suid-Afrika gebring het is 'n boek oor haar lewe wat wys dié merkwaardige vrou het nie 'n bekende naam nodig om 'n naam vir haarself te maak nie. Auma (52) het haar wêreldbekende broer ontmoet toe sy 24 en hy 23 was.

Op 19 het sy, sonder haar pa se toestemming, om 'n beurs aan die Saarbrücken-universiteit in Duitsland aansoek gedoen. Toe sy uit Kenia, haar geboorteland, in Duitsland aangekom het, kon sy skaars op Duits vra waar die trein na die universiteit toe was.

Later het sy 'n beurs gekry om aan die Universiteit van Heidelberg te studeer. Sy het haar doktorsale tesis oor die konsep van arbeid in Duitsland en die literêre oorwegings wat daaruit voortspuit, in Duits gedoen.

In haar memoires *And Then Life Happens* vertel sy van die skok toe sy die eerste brief van Barack Obama ontvang het. Haar pa is twee jaar vantevore dood, maar die handskrif en die naam op die brief was syne. Of altans, sy het gedink dit is.

In die brief het Barack homself voorgestel en van daar het 'n broer-suster-verhouding uit niks ontstaan.



Dr. Auma Obama gesels by die Goethe-instituut oor haar memoires en haar verhouding met haar broer, pres. Barack Obama. Foto: BONGIWE GUMEDE

Vir haar bestaan daar ook nie iets soos 'n halfbroer of suster nie. “Hy is my broer.”

Sy het altyd gewet van haar broer in Amerika. Haar pa, Barack Obama sr., sou vir haar en haar broer Abongo by hul huis in Kenia foto's wys van sy seun Barry, soos hy hom genoem het, met sy eerste vrou, Ann, wat in Hawaii gewoon het.

Hoewel Auma studeer het met die doel om in Duits te doseer, het sy by welsynwerk betrokke geraak. Sy het ook, soos haar broer, 'n belangstelling in politiek en het as 'n student in Duitsland begin met seminare om Duitsers in te lig oor Afrika.

Van haar grootste frustrasies is mense wat na Afrika verwys as “ein land” (een land) en nie 'n kontinent nie.

Haar memoires is ook in Duits geskryf en sy het haar Britse man ontmoet toe sy as 'n Duitse tolk gewerk het. Hulle het saam 'n dogter, Akinyi (13). Ná haar egskieding het sy en Akinyi na Kenia teruggekeer waar sy vir die nie-regeringsorganisasie Care gewerk het, wat kinders deur sport help om hul omstandighede te verbeter.

“Die naam Obama het help om deure vir my werk oop te maak,” sê Auma.

Op die oomblik staan sy aan die hoof van Sauti Kuu (“magtige stemme”), 'n organisasie wat hulle veral op meisies toespits en hulle bemagtig om hul omstandighede te verbeter.

### OPENBARE DEELNAMEPROSES

VERWYSINGSNUMMER:  
NREC 131-004-2012

Regulasie 546 aktiwiteit 3 (a) & (b); (a) ii (ee): 107560 Lootsberg Pass East: Konstruksie van 'n telekommunikasie- basisstasie vir Cell C (Edms) Bpk met 'n 45 m hoë mas.

Adres: Die Plaas Farm 305 Middelburg RD

Koördinate (WGS84 formaat) van alternatiewe basisstasie opsigte op die bovermelde eiendom:

Alternatief 1: Lengtegraad 31° 50' 08.52" O, Breedtegraad: 24° 51' 52.42" S  
Latwerk-tipe mas rooi en wit gevef

Alternatief 2: Lengtegraad 31° 50' 08.52" O, Breedtegraad: 24° 51' 52.42" S  
Monstruktuur-tipe mas rooi en wit gevef

Hiermee word kennis gegee aan alle belanghebbendes van 'n openbare deelnameproses kragtens die Omgewings-impakstudie-regulasies 2010 (R543), soos gewysig en gepromulgeer kragtens die Wet op Nasionale Omgewingsbestuur 1998 (Wet nr. 107 van 1998), soos gewysig (“NEMA”).

Basiese evaluasieprosedures sal toegepas word in ooreenstemming met regulasie 543 en 'n aansoek is by die Oos-Kaapse Departement van Ekonomiese Ontwikkeling, Omgewingsake en Toerisme ingedien.

Die aansoeker wil tewens aansoek doen by die Oos-Kaapse Departement van Ekonomiese Ontwikkeling, Omgewingsake en Toerisme vir vrystelling kragtens regulasie 50(1) van die Omgewingsimpakstudie-regulasie 2010 (R543), soos gewysig, om alternatiewe te evalueer met betrekking tot die beplande aktiwiteit.

Aansoeker:  
Cell C (Edms) Bpk, Privaatsak x36, Benmore, 2010.

Omgewingsevaluasië-praktisyn (OEP):  
Infrastructure Planning Services Ing, Posbus 32017, Totiusdal, 0134

Vir aandag: W. van't Foort  
Tel. 012 804 1504/6, Faks: 012 804 7072, e-pos: [admin@infraplanning.co.za](mailto:admin@infraplanning.co.za)

Adisionele inligting ten opsigte van die voorgestelde aktiwiteit kan van die OEP verkry word.

Enige geïnteresseerde en geaffekteerde party mag skriftelik kommentaar ten opsigte van die voorgestelde aktiwiteit indien of versoek om as 'n geïnteresseerde en geaffekteerde party geregistreer te word. Dit moet gedoen word deur 'n skriftelike kommentaar of registrasieversoek tesame met u naam, straat- en posadres (insluitend faksnummer en e-posadres waar moontlik) en u kontaknommer(s), met vermelding van die verwysingsnommer, binne 30 kalenderdae vanaf die publikasie van hierdie kennisgewing, aan die OEP te stuur.

Kennisgewing-publikasiedatum: 22 Junie 2012  
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**G5 – Info in support of Exemption**



# INFRASTRUCTURE PLANNING SERVICES

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**107560 Lootsberg Pass East**

**NREC 131-004-2012**

**13 August 2012**

Eastern Cape Department of Economic Development  
And Environmental Affairs  
104 Cathcart Road  
Old Royal Hotel Building  
Office No 10  
First Floor  
Queenstown  
5320

Attention: **Mr Thando Booi**

E-mail: [thando.booi@de.aet.ecape.gov.za](mailto:thando.booi@de.aet.ecape.gov.za)

Dear Sir,

**MOTIVATION FOR EXEMPTION FROM ASSESSING ALTERNATIVES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION MAST ON THE FARM FARM 305 MIDDELBURG RD**

In terms of Chapter 5 of the EIA Regulations, August 2010 as amended we hereby apply for exemption from assessing a third alternative in this application.

**Motivation:**

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

The property where the establishment is proposed was identified by the radio planners of Cell C as the best position to place the mast to achieve coverage objectives for the area on the Cell C network.

## **Other site alternatives reviewed for feasibility:**

### 1. Sharing:

Investigation of sharing existing infrastructure:

The specific site requirements needed by Cell C are:

- Physical space for three microwave dishes and feeder cables;
- Wind load capacity for above mentioned equipment;
- Minimum height of 45m; and
- Space and load capacity for future upgrading or advances in technology.

No existing facility or infrastructure within range that can fulfil the required capacity in terms of the coverage objectives.

2. Most other possible areas / sites on the same property would have more or less the same environmental impact as the proposed site as they have similar environmental features and qualities i.e. biological sensitivity, viewpoints and physical incline. No other feasible site alternatives were proposed due to more limitations regarding the network coverage.
3. The neighbouring properties were not regarded as feasible site alternatives due to more limitations on the network coverage.

### **(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 45m high lattice telecommunication mast. The 45m height is required to reach the network coverage on the Cell C network. The lattice type mast is the only design alternative that provides the required equipment capacity and wind-load capacity. Should other operators wish to share this mast in future more equipment would be added to the mast. A monopole type mast is considered a feasible option for this specific development but will have more restrictions with regard to the equipment and wind-load capacity. Further disadvantage of a monopole type mast is increased visibility due to the more solid type structure against the sky background. The SACAA (South African Civil Aviation Authority) prescribed day and night markings for all masts higher than 45m, meaning the mast has to be painted red and white with red navigation lights on top for maximum visibility to prevent aircraft accidents. Therefore, no other colour alternatives are considered to be feasible due to the red and white colour requirement of the SACAA.

**(d) The 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 further feasible alternatives investigated to replace electrical power supply due to the close proximity of the existing power line.
- Noise generation by backup generator if electricity supply fails: The backup generator operate at very low and well accepted noise levels. There are no feasible alternatives to replace 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 45m lattice mast painted red & white on short, medium and long distance observation: Other design, height or colour alternatives are not feasible as prescribed above. Only a monopole design mast was investigated as Alternative 2 but will have much more limitations with regard to equipment capacity as well as wind load capacity and will also provide less mitigation with regard to the visual impact.

We trust that the above motivation is sufficient to consider and approve this application for exemption of the third Alternative.

Kind Regards



**WA van't Foort**

For: Vukani IPS inc

**G6 – General**