



the dedet

Department:
Economic Development, Environment and Tourism
MPUMALANGA PROVINCIAL GOVERNMENT

Basic assessment report in terms of the
Environmental Impact Assessment Regulations, 2010, promulgated in terms of the National
Environmental Management Act, 1998(Act No. 107 of 1998), as amended.

(For applicant / EAP to complete)

File Reference Number:	17/2/3/ GS-105
Project Title:	Telecommunication mast – 9868 Kees Zyn Doorns
Name of Responsible Official:	Bulelwa Shabalala

(For official use only)

NEAS Reference Number:	
Date Received:	

Kindly note that:

1. Required information must be typed within the spaces provided in the form. The size of the spaces provided is not necessarily indicative of the amount of information to be provided. Tables can be extended as each space is filled with typing.
2. Where applicable **black out** the boxes that are not applicable in the form.
3. An incomplete report may be returned to the applicant for revision.
4. The use of “not applicable” in the report must be done with circumspection because if it is used in respect of material information that is required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the regulations.
5. All reports (draft and final) must be submitted to the Department at the address of the relevant **DISTRICT OFFICE** given below or by delivery thereof to the relevant **DISTRICT OFFICE**. Should the reports not be submitted at the relevant district office, they will not be considered.
6. No faxed or e-mailed reports will be accepted.
7. One copy of the draft version of this report must be submitted to the relevant district office. The case officer may request more than one copy in certain circumstances.
8. **Copies of the draft report must be submitted to the relevant State Departments / Organs of State for comment.** In order to give effect to Regulation 56(7), proof of submission/delivery of the draft documents to the State Departments / Organs of State must be attached to the draft version of this report.
9. Unless protected by law, all information in the report will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this report on request, during any stage of the application process.
10. All specialist reports must be appended to this document, and all specialists must complete a declaration of independence, which is obtainable from the Department.

SECTION A: BACKGROUND INFORMATION

Project applicant:	Cell C (Pty) Ltd		
Trading name (if any):	Cell C (Pty) Ltd		
Contact person:	Alishea Viljoen		
Physical address:	C/o Nokia Siemens Networks – 92 Oak Avenue, Highveld Techno Park		
Postal address:	C/o Nokia Siemens Networks – 92 Oak Avenue, Highveld Techno Park		
Postal code:	0046	Cell:	082 777 8506
Telephone:	-	Fax:	086 665 6555
E-mail:	alisheav@gmail.com		

Environmental Assessment Practitioner:	Infrastructure Planning Services		
Contact person:	Monica Niehof		
Postal address:	P.O. Box 32017, Totiusdal		
Postal code:	0134	Cell:	083 560 8410
Telephone:	(012) 804 1504	Fax:	0866900441 / 0866900468
E-mail:	admin@infraplan.co.za		
Qualifications:	10 Years Environmental Impact Assessment evaluations		
Professional affiliations (if any):	-		

SECTION B: DETAILED DESCRIPTION OF THE PROPOSED ACTIVITY

Describe the activity, which is being applied for, in detail. The description must include the size of the proposed activity (or in the case of linear activities, the length) and the size of the area that will be transformed by the activity.

Regulation 546 Activity 3: Construction of a 30m high tree type mast with antennae and a 64m² Cell C (Pty) Ltd telecommunication base station with equipment containers enclosed by a 2,4 m high steel palisade fence on Portion 44 of the Farm Kees Zyn Doorns 708 JT.

SECTION C: PROPERTY/SITE DESCRIPTION

Provide a full description of the preferred site alternative (farm name and number, portion number, registration division, erf number etc.):

Portion 44 of the Farm Kees Zyn Doorns 708 JT

Indicate the position of the activity using the latitude and longitude of the centre point of the preferred site alternative. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection. The position of alternative sites must be indicated in Section B of this document.

Latitude (S):		Longitude (E):	
25°	55.344'	30°	36.180'

In the case of linear activities:

- Starting point of the activity
- Middle point of the activity
- End point of the activity

Latitude (S):		Longitude (E):	
0	'	0	'
0	'	0	'
0	'	0	'

SITE OR ROUTE PLAN

A detailed site or route plan(s) must be prepared for each alternative site or alternative activity. It must be attached as an appendix to this document.

The site or route plans must be at least A3 and must include the following:

- 6.1 a reference no / layout plan no., date, and a legend / land use table
- 6.2 the scale of the plan which must be at least a scale of 1:2000;
- 6.3 the current land use as well as the land use zoning of each of the properties adjoining the site or sites;
- 6.4 the exact position of each element of the application as well as any other structures on the site;
- 6.5 the position of services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, street lights, sewage pipelines, storm water infrastructure and telecommunication infrastructure;
- 6.6 all indigenous trees taller than 1.8 metres and all vegetation of conservation concern (protected, endemic and/or red data species);
- 6.8 servitudes indicating the purpose of the servitude;
- 6.9 sensitive environmental elements within 100 metres of the site or sites including (but not limited thereto):
 - watercourses and wetlands;
 - the 1:100 year flood line;
 - ridges;
 - cultural and historical features;
- 6.9 10 metre contour intervals

SITE PHOTOGRAPHS

Colour photographs from the centre of the site must be taken in at least the eight major compass directions with a description of each photograph. Photographs must be attached as an appendix to this form.

FACILITY ILLUSTRATION

A detailed illustration of the activity must be provided at a scale of 1:200 as an appendix for activities that include structures. The illustrations must be to scale and must represent a realistic image of the planned activity. The illustration must give a representative view of the activity.

SECTION D: BASIC ASSESSMENT REPORT

Prepare a basic assessment report that complies with Regulation 22 of the Environmental Impact Assessment Regulations, 2010. The basic assessment report must be attached to this form and must contain all the information that is necessary for the competent authority to consider the application and to reach a decision contemplated in Regulation 25, and must include:

(Checklist
for official
use only)

1.	A description of the environment that may be affected by the proposed activity and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity.	
2.	An identification of all legislation and guidelines that have been considered in the preparation of the basic assessment report.	
3.	Details of the public participation process conducted in terms of Regulation 21(2)(a) in connection with the application, including – (i) the steps that were taken to notify potentially interested and affected parties of the proposed application; (ii) proof that notice boards, advertisements and notices notifying potentially interested and affected parties of the proposed application have been displayed, placed or given; (iii) a list of all persons, organisations and organs of state that were registered in terms of regulation 55 as interested and affected parties in relation to the application; and (iv) a summary of the issues raised by interested and affected parties, the date of receipt of and the response of the EAP to those issues;	
4.	A description of the need and desirability of the proposed activity;	
5.	A description of any identified alternatives to the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives will have on the environment and on the community that may be affected by the activity;	
6.	A description and assessment of the significance of any environmental impacts, including— (i) cumulative impacts, that may occur as a result of the undertaking of the activity or identified alternatives or as a result of any construction, erection or decommissioning associated with the undertaking of the activity; (ii) the nature of the impact; (iii) the extent and duration of the impact; (iv) the probability of the impact occurring; (v) the degree to which the impact can be reversed; (vi) the degree to which the impact may cause irreplaceable loss of resources; and (vii) the degree to which the impact can be mitigated;	
7.	Any environmental management and mitigation measures proposed by the EAP;	
8.	Any inputs and recommendations made by specialists to the extent that may be necessary;	
9.	A draft environmental management programme containing the aspects contemplated in regulation 33;	
10.	A description of any assumptions, uncertainties and gaps in	

knowledge;	
11. A reasoned opinion as to whether the activity should or should not be authorised, and if the opinion is that it should be authorised, any conditions that should be made in respect of that authorisation	
12. Any representations, and comments received in connection with the application or the basic assessment report;	
13. The minutes of any meetings held by the EAP with interested and affected parties and other role players which record the views of the participants;	
14. Any responses by the EAP to those representations, comments and views;	
15. Any specific information required by the competent authority; and	
16. Any other matters required in terms of sections 24(4)(a) and (b) of the Act.	

The basic assessment report must take into account -

- (a) any relevant guidelines; and
- (b) any departmental policies, environmental management instruments and other decision making instruments that have been developed or adopted by the competent authority in respect of the kind of activity which is the subject of the application.

* In terms of Regulation 22(4), the EAP managing the application must provide the competent authority with detailed, written proof of an investigation as required by section 24(4)(b)(i) of the Act and motivation if no reasonable or feasible alternatives, as contemplated in subregulation 22(2)(h), exist.

Have reasonable and feasible alternatives been identified, described and assessed?	YES	<input checked="" type="checkbox"/>
If NO, the motivation and investigation required in terms of Regulation 22(4) must be attached as an Appendix to this document		

A DESCRIPTION OF THE ENVIRONMENT

This section describes the environment that may be affected by the proposed activity and the manner in which the geographical, physical, biological, social, economic and cultural aspects of the environment may be affected by the proposed activity in terms of *Regulation 22 sub-regulation 2 (d) of the EIA Regulations, 2010.*

1.1 PHYSICAL ENVIRONMENT

Gradient of the Site

Indicate the general gradient of the site.

Alternative S1:

Flat	1:50	-	
	1:20		

Alternative S2:

Flat	1:50	-					
	1:20						

Alternative S3: Applied for exemption

Flat	1:50	-	1:20	-	1:15	-	1:10	-	1:7,5	-	Steeper than
	1:20		1:15		1:10		1:7,5		1:5		1:5

Location in landscape – S1-2

Indicate the landform(s) that best describes the site:

2.1 Ridgeline

2.2 Plateau

2.3 Side slope of hill/mountain

2.4 Closed valley

2.5 Open valley

2.6 Plain

2.7 Undulating plain / low hills

2.8 Dune

2.9 Seafront

Groundwater, Soil and Geological stability of the site

Is the site(s) located on any of the following (tick the appropriate boxes)?

	Alternative S1:		Alternative S2:		Alternative S3: Applied for exemption	
	YES	NO	YES	NO	YES	NO
Shallow water table (less than 1.5m deep)						
Dolomite, sinkhole or doline areas						
Seasonally wet soils (often close to water bodies)						
Unstable rocky slopes or steep slopes with loose soil						
Dispersive soils (soils that dissolve in water)						
Soils with high clay content (clay fraction more than 40%)						
Any other unstable soil or geological feature						

An sensitive erosion	area to	YES	NO	YES	NO	YES	NO
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If you are unsure about any of the above or if you are concerned that any of the above aspects may be an issue of concern in the application, an appropriate specialist should be appointed to assist in the completion of this section. (Information in respect of the above will often be available as part of the project information or at the planning sections of local authorities. Where it exists, the 1:50 000 scale Regional Geotechnical Maps prepared by the Council for Geo Science may also be consulted).

1.2 BIOLOGICAL ENVIRONMENT - Alternative S1-2:

Groundcover

Indicate the types of groundcover present on the site:

The location of all identified rare or endangered species or other elements should be accurately indicated on the site plan(s).

Natural veld ^E	Natural veld with scattered aliens ^E	Natural veld with heavy alien infestation ^E	Veld dominated by alien species ^E	Gardens
Sport field	Cultivated land	Paved surface	Building or other structure	Bare soil

If any of the boxes marked with an “^E” is ticked, please consult an appropriate specialist to assist in the completion of this section if the environmental assessment practitioner doesn't have the necessary expertise.

1.3 SOCIO-ECONOMIC ENVIRONMENT

Land use character of surrounding area

Indicate land uses and/or prominent features that does currently occur within a 500m radius of the site and give description of how this influences the application or may be impacted upon by the application:

- ~~1.3.1 Natural area~~
- 1.3.2 Low density residential**
- ~~1.3.3 Medium density residential~~
- ~~1.3.4 High density residential~~
- ~~1.3.5 Informal residential^A~~
- ~~1.3.6 Retail commercial & warehousing~~
- ~~1.3.7 Light industrial~~
- ~~1.3.8 Medium industrial^{AN}~~
- ~~1.3.9 Heavy industrial^{AN}~~
- ~~1.3.10 Power station~~
- ~~1.3.11 Office/consulting room~~



- ~~1.3.12 Military or police base/station/compound~~
- ~~1.3.13 Spoil heap or slimes dam^A~~
- ~~1.3.14 Quarry, sand or borrow pit~~
- ~~1.3.15 Dam or reservoir~~
- ~~1.3.16 Hospital/medical centre~~
- ~~1.3.17 School~~
- ~~1.3.18 Tertiary education facility~~
- ~~1.3.19 Church~~
- ~~1.3.20 Old age home~~
- ~~1.3.21 Sewage treatment plant^A~~
- ~~1.3.22 Train station or shunting yard^N~~
- ~~1.3.23 Railway line^N~~
- ~~1.3.24 Major road (4 lanes or more)^N~~
- ~~1.3.25 Airport^N~~
- ~~1.3.26 Harbour~~
- ~~1.3.27 Sport facilities~~
- ~~1.3.28 Golf course~~
- ~~1.3.29 Polo fields~~
- ~~1.3.30 Filling station^H~~
- ~~1.3.31 Landfill or waste treatment site~~
- ~~1.3.32 Plantation~~
- 1.3.33 Agriculture**
- ~~1.3.34 River, stream or wetland~~
- ~~1.3.35 Nature conservation area~~
- 1.3.36 Mountain, koppie or ridge**
- ~~1.3.37 Museum~~
- ~~1.3.38 Historical building~~
- ~~1.3.39 Protected Area~~
- ~~1.3.40 Graveyard~~
- ~~1.3.41 Archaeological site~~
- 1.3.42 Other land uses (describe) – Farmland**

If any of the boxes marked with an ^{"N"} are ticked, how will this impact / be impacted upon by the proposed activity? **No**

If any of the boxes marked with an ^{"An"} are ticked, how will this impact / be impacted upon by the proposed activity? **No**

If YES, specify and explain:

If YES, specify:

If any of the boxes marked with an ^{"H"} are ticked, how will this impact / be impacted upon by the proposed activity. **No**

If YES, specify and explain:

If YES, specify:

Waste, effluent, emission and noise management

(a) Solid waste management

Will the activity produce solid construction waste during the construction/initiation phase?

YES	NO
-----	----

If yes, what estimated quantity will be produced per month?

2m ³ (6 weeks construction period only)
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How will the construction solid waste be disposed of (describe)?

Loaded and transported by a suitable, roadworthy commercial vehicle to the nearest registered landfill site.

Where will the construction solid waste be disposed of (describe)?

At a suitable registered landfill site within the immediate area.

Will the activity produce solid waste during its operational phase?

YES	NO
-----	----

If yes, what estimated quantity will be produced per month?

m ³

How will the solid waste be disposed of (describe)?

-

Where will the solid waste be disposed if it does not feed into a municipal waste stream (describe)?

-

If the solid waste (construction or operational phases) will not be disposed of in a registered landfill site or be taken up in a municipal waste stream, then the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

Can any part of the solid waste be classified as hazardous in terms of the relevant legislation?

YES	NO
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If yes, inform the competent authority and request a change to an application for scoping and EIA.

Is the activity that is being applied for a solid waste handling or treatment facility?

YES	NO
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If yes, then the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

(b) Liquid effluent

Will the activity produce effluent, other than normal sewage, that will be disposed of in a municipal sewage system?

YES	NO
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If yes, what estimated quantity will be produced per month?

m ³

Will the activity produce any effluent that will be treated and/or disposed of on site?

YES	NO
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If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

Will the activity produce effluent that will be treated and/or disposed of at another facility?

YES	NO
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If yes, provide the particulars of the facility:

Facility name:

-

Contact person:

-

Postal address:

-

Postal code:

-

Telephone:

-	Cell:	-
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E-mail:

-	Fax:	-
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Describe the measures that will be taken to ensure the optimal reuse or recycling of waste water, if any:



(c) Emissions into the atmosphere

Will the activity release emissions into the atmosphere?

YES	NO
YES	NO

If yes, is it controlled by any legislation of any sphere of government?

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the emissions in terms of type and concentration:

Non-ionised electromagnetic fields with power density < 10W/m² (Department of Health Guidelines based on International Commission on Non-Ionising Radiation Protection (ICNIRP) and World Health Organisation (WHO) guidelines.

(d) Generation of noise

Will the activity generate noise?

YES	NO
YES	NO

If yes, is it controlled by any legislation of any sphere of government?

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the noise in terms of type and level:

Minimum noise generation will emanate from the installed air conditioners at a <60dB noise level. The level of noise generation is well within the acceptable norm and will not cause a disturbance to the surrounding environment.

(e) Water Use

Please indicate the source(s) of water that will be used for the activity by ticking the appropriate box(es)

municipal	water board	groundwater	river, stream, dam or lake	other	the activity will not use water
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If water is to be extracted from groundwater, river, stream, dam, lake or any other natural feature, please indicate

the volume that will be extracted per month:

litres
YES NO

Does the activity require a water use permit from the Department of Water Affairs?

If yes, please submit the necessary application to the Department of Water Affairs and attach proof thereof to this application if it has been submitted.

(f) Energy Efficiency

Describe the design measures, if any, that have been taken to ensure that the activity is energy efficient:

High technological mobile telecommunication operating systems are in principle designed for minimum, cost effective energy consumption in order to preserve resources and to optimise the financial yield generated by the base station.

Describe how alternative energy sources have been taken into account or been built into the design of the activity, if any:

Alternative energy sources have not been taken into account in the design of the activity.

1.4 CULTURAL ENVIRONMENT

Cultural/Historical Features

Are there any signs of culturally or historically significant elements, as defined in section 2 of the National Heritage Resources Act, 1999, (Act No. 25 of 1999), including Archaeological or palaeontological sites, on or close (within 20m) to the site?	YES	NO
	Uncertain	
If YES, explain:		
If uncertain, conduct a specialist investigation by a recognised specialist in the field to establish whether there is such a feature(s) present on or close to the site.		
Briefly explain the findings of the specialist:		
Will any building or structure older than 60 years be affected in any way?	YES	NO
Is it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)?	YES	NO
If yes, please submit or, make sure that the applicant or a specialist submits the necessary application to SAHRA or the relevant provincial heritage agency and attach proof thereof to this application if such application has been made.		

1. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES – IN TERMS OF Regulation 22 sub-regulation 2 (e) of the EIA Regulations, 2010

List all legislation, policies and/or guidelines of any sphere of government that are applicable to the application as contemplated in the EIA regulations, if applicable:

Title of legislation, policy or guideline:	Administering authority:	Date:
National Environmental Management Act (NEMA) No. 107 of 1998 & related regulations & guidelines	Mpumalanga Province Department of Economic Development, Environment and Tourism	27/11/1998
Civil Aviation Act, 2009 (Act No. 13 of 2009)	South African Civil Aviation Authority	2009
Approval in terms of town planning schemes and/or National Building Regulations	Gert Sibande District Municipality (Albert Luthuli Local Municipality)	Unknown
Occupational Health and Safety Act (No. 85 of 1993)	Department of Labour	1993
National Veld and Forest Fire Act (No. 101 of 1998)	Department of Water and Environmental Affairs	1998
National Heritage Resources Act (No. 25 of 1999)	South African Heritage Resources Agency	1999

2. PUBLIC PARTICIPATION – IN TERMS OF *Regulation 22 sub-regulation 2 (f) of the EIA Regulations, 2010*

The person conducting a public participation process must take into account any guidelines applicable to public participation as contemplated in section 24J of the Act and must give notice to all potential interested and affected parties of the application which is subjected to public participation by—

- (a) fixing a notice board (of a size at least 60cm by 42cm; and must display the required information in lettering and in a format as may be determined by the competent authority) at a place conspicuous to the public at the boundary or on the fence of—
 - (i) the site where the activity to which the application relates is or is to be undertaken; and
 - (ii) any alternative site mentioned in the application;
- (b) giving written notice to—
 - (i) the owner or person in control of that land if the applicant is not the owner or person in control of the land;
 - (ii) the occupiers of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
 - (iii) owners and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
 - (iv) the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area;
 - (v) the municipality which has jurisdiction in the area;
 - (vi) any organ of state having jurisdiction in respect of any aspect of the activity; and
 - (vii) any other party as required by the competent authority;
- (c) placing an advertisement in—
 - (i) one local newspaper; or
 - (ii) any official *Gazette* that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;
- (d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the metropolitan or local municipality in which it is or will be undertaken: Provided that this paragraph need not be complied with if an advertisement has been placed in an official *Gazette* referred to in subregulation 54(c)(ii); and
- (e) using reasonable alternative methods, as agreed to by the competent authority, in those instances where a person is desiring of but unable to participate in the process due to—
 - (i) illiteracy;
 - (ii) disability; or
 - (iii) any other disadvantage.

3.1 Content of Advertisements and Notices

A notice board, advertisement or notices must:

- (a) indicate the details of the application which is subjected to public participation; and
- (b) state—

- (i) that the application has been submitted to the competent authority in terms of these Regulations, as the case may be;
- (ii) whether basic assessment or scoping procedures are being applied to the application, in the case of an application for environmental authorisation;
- (iii) the nature and location of the activity to which the application relates;
- (iv) where further information on the application or activity can be obtained; and
- (iv) the manner in which and the person to whom representations in respect of the application may be made.

3.2 Placement of Advertisements and Notices

Where the proposed activity may have impacts that extend beyond the municipal area where it is located, a notice must be placed in at least one provincial newspaper or national newspaper, indicating that an application will be submitted to the competent authority in terms of these regulations, the nature and location of the activity, where further information on the proposed activity can be obtained and the manner in which representations in respect of the application can be made, unless a notice has been placed in any *Gazette* that is published specifically for the purpose of providing notice to the public of applications made in terms of the EIA regulations.

Advertisements and notices must make provision for all alternatives.

3.3 Determination of Appropriate Measures

The practitioner must ensure that the public participation is adequate and must determine whether a public meeting or any other additional measure is appropriate or not based on the particular nature of each case. Special attention should be given to the involvement of local community structures such as Ward Committees, ratepayers associations and traditional authorities where appropriate. Please note that public concerns that emerge at a later stage that should have been addressed may cause the competent authority to withdraw any authorisation it may have issued if it becomes apparent that the public participation process was inadequate.

3.4 Comments and response report

The practitioner must record all comments and respond to each comment of the public before the application is submitted. The comments and responses must be captured in a comments and response report as prescribed in the EIA regulations and be attached to this application. The comments and response report must be attached under Appendix E.

3.5 Authority Participation

Please note that a complete list of all organs of state and or any other applicable authority with their contact details must be appended to the basic assessment report or scoping report, whichever is applicable.

Authorities are key interested and affected parties in each application and no decision on any application will be made before the relevant local authority is provided with the opportunity to give input.

List of authorities informed:

South African Heritage Resources Agency (SAHRA)
Albert Luthuli Local Municipality
Gert Sibande District Municipality
Mpumalanga Tourism and Parks Agency (MTPA)

List of authorities from whom comments have been received:

None

3.6 Consultation with other Stakeholders

Note that, for linear activities, or where deviation from the public participation requirements may be appropriate, the person conducting the public participation process may deviate from the requirements of that subregulation to the extent and in the manner as may be agreed to by the competent authority.

Proof of any such agreement must be provided, where applicable.

Has any comment been received from stakeholders?

YES	NO
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If "YES", briefly describe the feedback below (also attach copies of any correspondence to and from the stakeholders to this application):

-

3. NEED AND DESIRABILITY– IN TERMS OF *Regulation 22 sub-regulation 2 (g) of the EIA Regulations, 2010*

ACTIVITY MOTIVATION

1(a) Socio-economic value of the activity

What is the expected capital value of the activity on completion?

R 500 000

What is the expected yearly income that will be generated by or as a result of the activity?

Unknown

Will the activity contribute to service infrastructure?

YES	NO
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Is the activity a public amenity?

YES	NO
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How many new employment opportunities will be created in the development phase of the activity?

0

What is the expected value of the employment opportunities during the development phase?

R0

What percentage of this will accrue to previously disadvantaged individuals?

0%

How many permanent new employment opportunities will be created during the operational phase of the activity?

0

What is the expected current value of the employment opportunities during the first 10 years?

R0

What percentage of this will accrue to previously disadvantaged individuals?

0%

(b) Need and desirability of the activity

Motivate and explain the need and desirability of the activity (including demand for the activity):

NEED:			
1.	Was the relevant provincial planning department involved in the application?	YES	NO
2.	Does the proposed land use fall within the relevant provincial planning framework?	YES	NO
3.	If the answer to questions 1 and / or 2 was NO, please provide further motivation / explanation:		
	<p>Cellular telecommunication technology is an integral part of modern daily life and licensed cellular telecommunication service operators have an obligation in terms of their license agreements, as stipulated by national government, to provide the services throughout South Africa within the allocated bandwidth spectrum. The cellular telecommunication user base is still increasing (quantitative growth) and users must be enabled to choose the services rendered by any of the licensed operators anywhere in South Africa (choice and availability). The expansion of service types and content (content & technology growth) furthermore requires continuous equipment and network fine-tuning, upgrades and expansion. The user base also expects a continuous quality service to be provided and therefore network capacity and capabilities are under constant review to maintain or improve quality coverage (qualitative growth).</p> <p>Cell C (Pty) Ltd network and radio planners have identified an essential requirement in terms of the above objectives in the immediate surroundings of the planned base station in this area. Cell C (Pty) Ltd is committed to preventing the proliferation of telecommunication installations and the sharing of the infrastructure by other telecommunication service providers is promoted wherever possible and existing structures will be utilized if such supports and is suitable for the establishment of a required base station.</p>		

DESIRABILITY:			
1.	Does the proposed land use / development fit the surrounding area?	YES	NO
2.	Does the proposed land use / development conform to the relevant structure plans, SDF and planning visions for the area?	YES	NO
3.	Will the benefits of the proposed land use / development outweigh the negative impacts of it?	YES	NO
4.	If the answer to any of the questions 1-3 was NO, please provide further motivation / explanation:		
	-		
5.	Will the proposed land use / development impact on the sense of place?	YES	NO
6.	Will the proposed land use / development set a precedent?	YES	NO
7.	Will any person's rights be affected by the proposed land use / development?	YES	NO
8.	Will the proposed land use / development compromise the "urban edge"?	YES	NO
9.	If the answer to any of the question 5-8 was YES, please provide further motivation / explanation.		
	-		

4. ALTERNATIVES– IN TERMS OF Regulation 22 sub-regulation 2 (h) of the EIA Regulations, 2010

FEASIBLE AND REASONABLE ALTERNATIVES – Please refer to the motivation that no feasible and reasonable alternatives exists for this particular activity attached in Appendix G of this Basic Assessment Report.

“**alternatives**”, in relation to a proposed activity, means different means of meeting the general purpose and requirements of the activity, which may include alternatives to—

- (a) the property on which or location where it is proposed to undertake the activity;
- (b) the type of activity to be undertaken;
- (c) the design or layout of the activity;
- (d) the technology to be used in the activity;
- (e) the operational aspects of the activity; and
- (f) the option of not implementing the activity.

Describe alternatives that are considered in this application. Alternatives should include a consideration of all possible means by which the purpose and need of the proposed activity could be accomplished in the specific instance taking account of the interest of the applicant in the activity. The no-go alternative must in all cases be included in the assessment phase as the baseline against which the impacts of the other alternatives are assessed. The determination of whether site or activity (including different processes etc.) or both is appropriate needs to be informed by the specific circumstances of the activity and its environment. After receipt of this report the competent authority may also request the applicant to assess additional alternatives that could possibly accomplish the purpose and need of the proposed activity if it is clear that realistic alternatives have not been considered to a reasonable extent.

5.1 ACTIVITY POSITION

Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection.

List alternative sites, if applicable.

	Latitude (S):		Longitude (E):	
Alternative: Alternative S1 ¹	25°	55.344'	30°	36.180'
Alternative S2	25°	55.344'	30°	36.180'
Alternative S3 –Applied for exemption				

In the case of linear activities:

Alternative:	Latitude (S):		Longitude (E):	
Alternative S1 (preferred or only route alternative)				
○ Starting point of the activity	0	'	0	'
○ Middle/Additional point of the activity	0	'	0	'
○ End point of the activity	0	'	0	'

¹ “Alternative S” refer to site alternatives.

Alternative S2 (if any)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

0	€	0	€
0	€	0	€
0	€	0	€

Alternative S3 (if any)

- Starting point of the activity
- Middle/Additional point of the activity
- End point of the activity

0	€	0	€
0	€	0	€
0	€	0	€

For route alternatives that are longer than 500m, please provide an addendum with co-ordinates taken every 250 meters along the route for each alternative alignment.

4.2 PHYSICAL SIZE OF THE ACTIVITY

Indicate the physical size of the preferred activity/technology as well as alternative activities/technologies (footprints):

Alternative:

- Alternative S1
- Alternative S2
- Alternative S3 – Applied for exemption

Size of the activity:

64m ²
100m ²
m ²

or, for linear activities:

Length of the activity:

Alternative:

- Alternative A1² (preferred activity alternative)
- Alternative A2 (if any)
- Alternative A3 (if any)

m
m
m

Indicate the size of the alternative sites or servitudes (within which the above footprints will occur):

Alternative:

- Alternative S1
- Alternative S2
- Alternative S3 – Applied for exemption

Size of the site/servitude:

42.6926 Ha
42.6926 Ha
m ²

4.3 SITE ACCESS

~~Does ready access to the site exist?~~

If NO, what is the distance over which a new access road will be built

YES	NO
Approximately 46m	

Describe the type of access road planned:

Two-track gravel road

Include the position of the access road on the site plan and required map, as well as an indication of the road in relation to the site.

² "Alternative A" refers to activity, process, technology or other alternatives.

4.4 SITE OR ROUTE PLAN

A detailed site or route plan(s) must be prepared for each alternative site or alternative activity. It must be attached as Appendix A to this document.

The site or route plans must indicate the following:

- 5.4.1 the scale of the plan which must be at least a scale of 1:500;
- 5.4.2 the property boundaries and numbers of all the properties within 50 metres of the site;
- 5.4.3 the current land use as well as the land use zoning of each of the properties adjoining the site or sites;
- 5.4.4 the exact position of each element of the application as well as any other structures on the site;
- 5.4.5 the position of services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, street lights, sewage pipelines, storm water infrastructure and telecommunication infrastructure;
- 5.4.6 all trees and shrubs taller than 1.8 metres;
- 5.4.7 walls and fencing including details of the height and construction material;
- 5.4.8 servitudes indicating the purpose of the servitude;
- 5.4.9 sensitive environmental elements within 100 metres of the site or sites including (but not limited thereto):
 - rivers;
 - the 1:100 year flood line (where available or where it is required by DWA);
 - ridges;
 - cultural and historical features;
 - areas with indigenous vegetation (even if it is degraded or invested with alien species);
- 5.4.10 for gentle slopes the 1 metre contour intervals must be indicated on the plan and whenever the slope of the site exceeds 1:10, the 500mm contours must be indicated on the plan; and
- 5.4.11 the positions from where photographs of the site were taken.

5.5 SITE PHOTOGRAPHS

Colour photographs from the centre of the site must be taken in at least the eight major compass directions with a description of each photograph. Photographs must be attached under Appendix B to this form. It must be supplemented with additional photographs of relevant features on the site, if applicable.

5.6 FACILITY ILLUSTRATION

A detailed illustration of the activity must be provided at a scale of 1:200 as Appendix C for activities that include structures. The illustrations must be to scale and must represent a realistic image of the planned activity. The illustration must give a representative view of the activity.

5.7 ADVANTAGES AND DISADVANTAGES OF THE PROPOSAL AND ALTERNATIVES

5.7.1 ADVANTAGES:			
1.	Will the land use / development have any benefits for society in general?	YES	NO
2.	Explain: The immediate benefits of the activity to society in general can be summarized as follows: <ul style="list-style-type: none"> ■ Increased and improved national Cell C coverage footprint enabling users to communicate on the Cell C network wherever they are. ■ Additional fulfilment of one of government's objectives to ensure the establishment of national communication network grids and services as part of a sustainable economic growth pattern. 		
	-		
	-		
3.	Will the land use / development have any benefits for the local communities where it will be located?	YES	NO
4.	Explain: The motivation and benefits to society in general above apply to the local community directly. It will furthermore ensure that the communication capability and capacity of the local community will keep pace with the ever growing and availability of communication facilities nationwide.		
	-		
	-		
5.7.2 DISADVANTAGES:			
1.	Will the land use / development have any disadvantages for society in general?	YES	NO
2.	Explain: The area has a very low population density and the proposed activity will also be located on a far, therefore the possible negative impacts such health concerns and visual impact have no significance for society in general and in the EAP's opinion is not a disadvantage to them.		
	-		
	-		
3.	Will the land use / development have any disadvantages for the local communities where it will be located?	YES	NO
4.	Explain: The area has a very low population density and the proposed activity will also be located on an area with no traffic and therefore the possible negative impacts such health concerns and visual impact have a low significance for local communities and in the EAP's opinion is not a disadvantage to them.		
	-		
	-		

6 & 7. IMPACT ASSESSMENT AND MITIGATION MEASURES – IN TERMS OF Regulation 22 sub-regulation 2 (i) – (j) of the EIA Regulations, 2010

The assessment of impacts must adhere to the minimum requirements in the EIA Regulations, 2010, and should take applicable official guidelines into account. The issues raised by interested and affected parties should also be addressed in the assessment of impacts.

ISSUES RAISED BY INTERESTED AND AFFECTED PARTIES

List the main issues raised by interested and affected parties.

-

Response from the practitioner to the issues raised by the interested and affected parties (A full response must be given in the Comments and Response Report that must be attached to this report as Annexure E):

-

IMPACTS THAT MAY RESULT FROM THE PLANNING AND DESIGN, CONSTRUCTION, OPERATIONAL, DECOMMISSIONING AND CLOSURE PHASES AS WELL AS PROPOSED MANAGEMENT OF IDENTIFIED IMPACTS AND PROPOSED MITIGATION MEASURES

List the potential direct, indirect and cumulative property/activity/design/technology/operational alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase, construction phase, operational phase, decommissioning and closure phase, including impacts relating to the choice of site/activity/technology alternatives as well as the mitigation measures that may eliminate or reduce the potential impacts listed.

IMPACTS THAT MAY RESULT FROM THE PLANNING AND DESIGN PHASE

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase, including impacts relating to the choice of site alternatives.

Alternative S1:

Direct impacts:

PHYSICAL:

- 1. Safety aspects: The following safety aspects were taken into consideration in planning the base station:**
 - **Position & height in terms of official airports, helipads and air traffic routes as determined by SACAA. Mitigated in terms of the SACAA prescribing night markings, if necessary;**
 - **General installation safety for the general public, owners, technicians etc.: Engineering services incorporated in the design of the mast, foundations and other design and construction safety aspects of the base station;**
 - **Base station to be surrounded with a 2.4m high galvanised steel palisade fence to prevent unauthorised access to the base station area and mast.**
- 2. Visual impact: Evaluation of structure type, height & position, taking into consideration the purpose and objective of the planned activity in terms of mobile telecommunication coverage area and quality of coverage. New**

base station with 30m tree type telecommunication mast selected as most appropriate based on:

- Investigation of sharing existing infrastructure:
No existing facility or infrastructure within range that can fulfil the required capacity in terms of the coverage objectives.
- 30m height required to achieve maximum coverage objectives in the specific environment and therefore reducing the need for additional base stations to achieve/maintain the same coverage within the coverage target area;
- Facility sharing capacity incorporated in design to make provision for and promote the sharing of infrastructure in order to prevent the proliferation of masts;
- Tree type structure suitable to fulfil the coverage objectives of the base station due to the coverage range required and the flexibility of utilising the mast height for varying antennae installation configurations due to the specific characteristics of the area;
- 30m Tree type mast provides maximum mitigation of the visual impact on the short to long range viewpoints due to the tree type mast blending with the surrounding vegetation and environment and the non technical design of the mast.
- 2.4m high galvanised steel palisade fence painted green to provide maximum mitigation of the short to long range visual impact of the telecommunication base station due to the blending capability with the surrounding environment and against the sky background.

BIOLOGICAL:

No endangered plants or tall trees will need to be removed from the 64m² footprint site.

SOCIO-ECONOMIC:

Site position has been determined based on the requirement to deliver mobile telecommunication signal coverage and availability within the target area enabling the residents, business entities and the general public within the area to select and maintain quality telecommunication services and connectivity via the Cell C mobile telecommunication network. Cell C (Pty) Ltd is obliged to fulfil their licence terms and conditions, as determined by government, in providing mobile telephony and related services on a reliable national network grid.

Indirect impacts:

The property coverage and development potential has been taken into consideration in selecting the position of the activity. The exact position of the activity on the property was determined, in consultation with the property owner, to minimise the possible impact on existing operations and future development plans or phases. Therefore the commercial value of the property is maintained.

Electricity will be supplied from the existing electricity grid. Minimum usage due to economical and energy efficient design.

Cumulative impacts:

No cumulative impacts relating to the design and planning phases are applicable.

Alternative S2

Direct impacts:

PHYSICAL:

1. **Safety aspects:** The following safety aspects were taken into consideration in planning the base station:
 - **Position & height in terms of official airports, helipads and air traffic routes as determined by SACAA. Mitigated in terms of the SACAA prescribing night markings, if necessary.**
 - **General installation safety for the general public, owners, technicians etc.: Engineering services incorporated in the design of the mast, foundations and other design and construction safety aspects of the base station;**
 - **Base station to be surrounded with a 2.4m high galvanised steel palisade fence to prevent unauthorised access to the base station area and mast.**
2. **Visual impact:** Evaluation of structure type, height & position, taking into consideration the purpose and objective of the planned activity in terms of mobile telecommunication coverage area and quality of coverage. New base station with 30m lattice telecommunication mast painted green selected as appropriate based on:
 - **Investigation of sharing existing infrastructure:**
No existing facility or infrastructure within range that can fulfil the required capacity in terms of the coverage objectives.
 - **30m height required to achieve maximum coverage objectives in the specific environment and therefore reducing the need for additional base stations to achieve/maintain the same coverage within the coverage target area;**
 - **Facility sharing capacity incorporated in design to make provision for and promote the sharing of infrastructure in order to prevent the proliferation of masts;**
 - **Lattice type structure most suitable to fulfil the coverage objectives of the base station due to the coverage range required and the high flexibility of utilising the mast height for varying antennae installation configurations due to the specific characteristics of the area;**
 - **Lattice type mast painted green provides high mitigation of the visual impact on the short to long range viewpoints due to the colour green being more accepted by the general public and the blending capability of the transparent type mast against the sky background.**
 - **2.4m high galvanised steel palisade fence painted green to provide maximum mitigation of the short to long range visual impact of the telecommunication base station due to the blending capability with the surrounding environment and against the sky background.**

BIOLOGICAL:

No endangered plants or tall trees will need to be removed from the 100m² footprint site.

SOCIO-ECONOMIC:

Site position has been determined based on the requirement to deliver mobile telecommunication signal coverage and availability within the target area enabling the residents, business entities and the general public within the area to select and maintain quality telecommunication services and connectivity via the Cell C mobile telecommunication network. Cell C (Pty) Ltd is obliged to fulfil their licence terms and conditions, as determined by government, in providing mobile telephony and related services on a reliable national network grid.

Indirect impacts:
 The property coverage and development potential has been taken into consideration in selecting the position of the activity. The exact position of the activity on the property was determined, in consultation with the property owner, to minimise the possible impact on existing operations and future development plans or phases. Therefore the commercial value of the property is maintained.
 Electricity will be supplied from the existing electricity grid. Minimum usage due to economical and energy efficient design.

Cumulative impacts:
 No cumulative impacts relating to the design and planning phases are applicable.

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

Alternative S1	Alternative S2	Alternative S3:
1. Prescribed SACAA night markings, if necessary. 2. Tree type mast. 3. Galvanised steel palisade fence enclosure, painted green. 4. Provision for infrastructure sharing.	1. Prescribed SACAA night markings, if necessary. 2. Lattice type mast painted green. 3. Galvanised steel palisade fence enclosure painted green. 4. Provision for infrastructure sharing.	Applied for exemption

List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase:

Alternative A1

Direct impacts:
 There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

Indirect impacts:
 -

Cumulative impacts:
 -

Alternative A2

Direct impacts:
 There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

Indirect impacts:
 -

Cumulative impacts:
 -

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

Alternative A1:

There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

No-go alternative (compulsory)

Direct impacts:

Status quo.

Indirect impacts:

Status quo.

Cumulative impacts:

Status quo.

IMPACTS THAT MAY RESULT FROM THE CONSTRUCTION PHASE

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the construction phase:

Alternative S1

Direct impacts:

Construction of the telecommunication base station will extend over a period of approximately 6 weeks only;

1. Increased activity and traffic at the property including material delivery and work team movements.
2. Minimum disruption of operations within the vicinity as the base station is located in an area with low activity.
3. Increased workplace accident risk due to the mere occurrence of the activity.
4. Creation of dust and disturbance of specific soil layers due to earthwork activities.
5. Erosion and contamination of topsoil.
6. Generation of standard building rubble & the transportation thereof to the appropriate licensed landfill site.
7. Generation of construction noise created by earthwork machinery and other applicable tooling used for the establishment of the base station.

Indirect impacts:

Additional waste at appropriately certified dumping site.

Cumulative impacts:

Construction activity.

Alternative S2

Direct impacts:

Construction of the telecommunication base station will extend over a period of approximately 6 weeks only;

1. Increased activity and traffic at the property including material delivery and work team movements.
2. Minimum disruption of operations within the vicinity as the base station is located in an area with low activity.
3. Increased workplace accident risk due to the mere occurrence of the activity.
4. Creation of dust and disturbance of specific soil layers due to earthwork activities.
5. Erosion and contamination of topsoil.
6. Generation of standard building rubble & the transportation thereof to the appropriate licensed landfill site.
7. Generation of construction noise created by earthwork machinery and other applicable tooling used for the establishment of the base station.

Indirect impacts:

Additional waste at appropriately certified dumping site.

Cumulative impacts:

Construction activity.

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

Alternative S1:	Alternative S2:	Alternative S3:
<p>1. &2. Specific arrangements with property owner to minimise disruption of normal activities.</p> <p>3. Implement & maintain specific construction site safety measures in accordance with the applicable clauses of the OHS Act.</p> <p>4. Implement specific construction measures to prevent dust e.g. regular sprinkling bare areas with water as needed.</p> <p>5. Prevent and minimise construction waste generation. Transport construction waste on a regular basis to the appropriate landfill site.</p> <p>6. Store topsoil separately for appropriate landscaping distribution on completion of construction. Prevent pollution and contamination and erosion of topsoil by covering it with water proof covering when experiencing rainy or windy conditions. Service construction vehicles and machinery before construction to ensure that no oil or fuel will leak onto soil.</p> <p>7. Minimise noise generation to absolute minimum. Service vehicles and machinery before start of construction to ensure proper working condition. Construction activities should not be allowed outside normal</p>	<p>1. &2. Specific arrangements with property owner to minimise disruption of normal activities.</p> <p>3. Implement & maintain specific construction site safety measures in accordance with the applicable clauses of the OHS Act.</p> <p>4. Implement specific construction measures to prevent dust e.g. regular sprinkling bare areas with water as needed.</p> <p>5. Prevent and minimise construction waste generation. Transport construction waste on a regular basis to the appropriate landfill site.</p> <p>6. Store topsoil separately for appropriate landscaping distribution on completion of construction. Prevent pollution and contamination and erosion of topsoil by covering it with water proof covering when experiencing rainy or windy conditions. Service construction vehicles and machinery before construction to ensure that no oil or fuel will leak onto soil.</p> <p>7. Minimise noise generation to absolute minimum. Service vehicles and machinery before</p>	<p>Applied for exemption.</p>

<p>working hours or on Sundays and Public Holidays.</p>	<p>start of construction to ensure proper working condition. Construction activities should not be allowed outside normal working hours or on Sundays and Public Holidays.</p>	
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List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the construction phase:

Alternative A1

Direct impacts:

There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

Indirect impacts:

-

Cumulative impacts:

-

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

Alternative A1:

There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

Direct impacts:

Status quo.

Indirect impacts:

Status quo.

Cumulative impacts:

Status quo.

IMPACTS THAT MAY RESULT FROM THE OPERATIONAL PHASE

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the operational phase:

Alternative S1

Direct impacts:

- 1. Increased electricity consumption on the existing supply grid.**
- 2. Noise generation by air conditioning units and by backup generator if electricity supply fails.**
- 3. Non-ionised electromagnetic fields emissions on allocated frequency.**
- 4. Increase in potential air traffic obstacles.**
- 5. Visual impact of the 30m tree type mast on short, medium and long distance observation.**
- 6. Increased mobile telecommunication network capacity.**

Indirect impacts:

- 1. Minute increase in electricity generation base material usage.**
- 2. Increased use of quality telecommunication services with the appropriate revenue increase and potential increased economic activity and financial returns.**

Cumulative impacts:

- 1. Increased telecommunication infrastructure availability and quality.**

Alternative S2

Direct impacts:

1. Increased electricity consumption on the existing supply grid.
2. Noise generation by air conditioning units and by backup generator if electricity supply fails.
3. Non-ionised electromagnetic fields emissions on allocated frequency.
4. Increase in potential air traffic obstacles.
5. Visual impact of the 30m lattice mast painted green on short, medium and long distance observation.
6. Increased mobile telecommunication network capacity.

Indirect impacts:

1. Minute increase in electricity generation base material usage.
2. Increased use of quality telecommunication services with the appropriate revenue increase and potential increased economic activity and financial returns.

Cumulative impacts:

1. Increased telecommunication infrastructure availability and quality.

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

Alternative S1	Alternative S2:	Alternative S3
<ol style="list-style-type: none"> 1. Economical electricity consumption design. 2. Scheduled preventative maintenance program implementation and control. 3. Maintain level of non-ionised electromagnetic field emissions within International Commission on Non-Ionising Radiation Protection (ICNIRP) & World Health Organisation (WHO) guidelines. 4. Installation/application and maintenance of night markings, if necessary, as prescribed by SACAA to reduce potential air traffic safety impact. 5. 30m Tree type mast provides maximum mitigation of the visual impact on the short to long range viewpoints due to the tree type mast blending with the surrounding vegetation and environment and the non technical design of 	<ol style="list-style-type: none"> 1. Economical electricity consumption design. 2. Scheduled preventative maintenance program implementation and control. 3. Maintain level of non-ionised electromagnetic field emissions within International Commission on Non-Ionising Radiation Protection (ICNIRP) & World Health Organisation (WHO) guidelines. 4. Installation/application and maintenance of night markings, if necessary, as prescribed by SACAA to reduce potential air traffic safety impact. 5. Lattice type mast painted green provides high mitigation of the visual impact on the short to long range viewpoints due to the colour green being more accepted by the general public and the blending capability of the transparent type mast against the sky 	<p>Applied for exemption.</p>

<p>the mast.</p> <p>6. 2.4m high galvanised steel palisade fence painted green to provide maximum mitigation of the short to long range visual impact of the telecommunication base station due to the blending capability with the surrounding environment and against the sky background.</p>	<p>background.</p> <p>6. 2.4m high galvanised steel palisade fence painted green to provide maximum mitigation of the short to long range visual impact of the telecommunication base station due to the blending capability with the surrounding environment and against the sky background.</p>	
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List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the operational phase:

Alternative A1

Direct impacts:
There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

Indirect impacts:
-

Cumulative impacts:
-

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

Alternative A1:

There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

No-go alternative (compulsory)

Direct impacts:
Status quo.

Indirect impacts:
Status quo.

Cumulative impacts:
Status quo.

IMPACTS THAT MAY RESULT FROM THE DECOMMISSIONING AND CLOSURE PHASE

List the potential site alternative related impacts (as appropriate) that are likely to occur as a result of the decommissioning or closure phase:

Alternative S1

Direct impacts:

1. Establishment of new mobile telecommunication infrastructure elsewhere to fill the network coverage gap caused by decommissioning.
2. Creation of waste due to decommissioning.
3. Disturbed area.

Indirect impacts:
Potential waste of resources.

Cumulative impacts:
None

Alternative S2**Direct impacts:**

1. Establishment of new mobile telecommunication infrastructure elsewhere to fill the network coverage gap caused by decommissioning.
2. Creation of waste due to decommissioning.
3. Disturbed area.

Indirect impacts:

Potential waste of resources.

Cumulative impacts:

None

Alternative S3 – Applied for exemption**Direct impacts:****Indirect impacts:****Cumulative impacts:**

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

Alternative S1	Alternative S2	Alternative S3
<ol style="list-style-type: none"> 1. Ensure planned base station fulfils planned and required network parameters i.e. prevent decommissioning. 2. If decommissioning is required the site area must be rehabilitated to its original state. 	<ol style="list-style-type: none"> 1. Ensure planned base station fulfils planned and required network parameters i.e. prevent decommissioning. 2. If decommissioning is required the site area must be rehabilitated to its original state. 	Applied for exemption

List the potential activity/technology alternative related impacts (as appropriate) that are likely to occur as a result of the decommissioning and closure phase:

Alternative A1

There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

Direct impacts:

-

Indirect impacts:

-

Cumulative impacts:

-

Indicate mitigation measures that may eliminate or reduce the potential impacts listed above:

Alternative A1

There are no activity or technology alternatives for the establishment of mobile telecommunication base stations.

No-go alternative (compulsory)**Direct impacts:**

Status quo.

Indirect impacts:

Status quo.

Cumulative impacts:

Status quo.

ENVIRONMENTAL IMPACT STATEMENT

Taking the assessment of potential impacts into account, please provide an environmental impact statement that summarises the impact that the proposed activity and its alternatives may have on the environment after the management and mitigation of impacts have been taken into account, with specific reference to types of impact, duration of impacts, likelihood of potential impacts actually occurring and the significance of impacts.

Alternative S1

The positive impact of the proposed activity will, taking into consideration the implementation of mitigating measures to minimise the negative impacts on the environment, have a positive overall impact.

Physical impacts:

- 1. The planning & design of the telecommunication base station is considerate of operational and public demand needs and is done on the principle of minimising any negative impacts on the receiving environment.**
- 2. The negative impacts during the construction phase, as indicated earlier in the assessment report, are temporary and will not have a long term effect on the proposed development or immediate area. These impacts will last for a maximum of approximately 6 weeks only.**
- 3. The permanent visual impact of a tree type mast is the highest contributing negative impact of the proposed activity on the receiving environment. 30m Tree type mast provides maximum mitigation of the visual impact on the short to long range viewpoints due to the tree type mast blending with the surrounding vegetation and environment and the non technical design of the mast.**
- 4. 2.4m high galvanised steel palisade fence painted green to provide maximum mitigation of the short to long range visual impact of the telecommunication base station due to the blending capability with the surrounding environment and against the sky background.**
- 5. The site is designed for use by additional telecommunication service providers. This mitigation measure will possibly prevent the establishment of additional base stations by other operators within the immediate area.**

BIOLOGICAL:

No endangered plants or tall trees will need to be removed from the 64m² footprint site.

Socio-economic impacts:

The local electricity supply grid can accommodate the additional load required by the base station. The base station design requires a 3-phase electricity supply at a maximum demand of 80A.

The visual impact of the mast is the determining factor in recommending a preferred option. This option will have the lowest visual impact of the two alternatives due to the highest potential to blend with the surrounding environment.

Alternative S2

The positive impact of the proposed activity will, taking into consideration the implementation of mitigating measures to minimise the negative impacts on the environment, have a positive overall impact.

Physical impacts:

- 1. The planning & design of the telecommunication base station is considerate of operational and public demand needs and is done on the principle of minimising any negative impacts on the receiving environment.**

2. The negative impacts during the construction phase, as indicated earlier in the assessment report, are temporary and will not have a long term effect on the proposed development or immediate area. These impacts will last for a maximum of approximately 6 weeks only.
3. The permanent visual impact of the lattice mast painted green is the highest contributing negative impact of the proposed activity on the receiving environment. Lattice type mast painted green provides high mitigation of the visual impact on the short to long range viewpoints due to the colour green being more accepted by the general public and the blending capability of the transparent type mast against the sky background.
4. 2.4m high galvanised steel palisade fence painted green to provide maximum mitigation of the short to long range visual impact of the telecommunication base station due to the blending capability with the surrounding environment and against the sky background.
5. The site is designed for use by additional telecommunication service providers. This mitigation measure will possibly prevent the establishment of additional base stations by other operators within the immediate area.

BIOLOGICAL:

No endangered plants or tall trees will need to be removed from the 100m² footprint site.

Socio-economic impacts:

The local electricity supply grid can accommodate the additional load required by the base station. The base station design requires a 3-phase electricity supply at a maximum demand of 80A.

8. ANY INPUTS AND RECOMMENDATIONS MADE BY SPECIALISTS TO THE EXTENT THAT MAY BE NECESSARY – IN TERMS OF *Regulation 22 sub-regulation 2 (k) of the EIA Regulations, 2010* - Not in the scope of this application
9. THE EMPR IS ATTACHED AS APPENDIX F - IN TERMS OF *Regulation 22 sub-regulation 2 (l) of the EIA Regulations, 2010*
10. ASSUMPTIONS, UNCERTAINTIES AND GAPS IN KNOWLEDGE – IN TERMS OF *Regulation 22 sub-regulation 2 (m) of the EIA Regulations, 2010*

The information in this report is sufficient for the purposes of providing the department with sufficient information to make an informed decision to grant approval or not.

The nature of an impact study is always based on predicting the impacts of a proposed activity / development based on knowledge that can be substantiated and where there are gaps in knowledge, there are uncertainties and assumptions are also made.

There are no significant gaps in knowledge in this impact study. The only uncertainty due to a gap in knowledge in this impact study includes the health effects of non-ionised electromagnetic fields with power density < 10W/m² emitted from telecommunication antennae, but not the listed activity i.e. the mast. The EAP is not aware of any authenticated studies existing currently and therefore we refer to the Department of

Health Guidelines based on the International Commission on Non-Ionising Radiation Protection (ICNIRP) and the World Health Organisation (WHO) guidelines. According to these guidelines the non-ionised electromagnetic fields emitted by antennae mounted on telecommunication masts are well below the recommended level and is therefore improbable to have harmful effects on the health of human beings.

11. A REASONED OPINION AS TO WHETHER THE ACTIVITY SHOULD OR SHOULD NOT BE AUTHORISED, AND IF THE OPINION IS THAT IT SHOULD BE AUTHORISED, ANY CONDITIONS THAT SHOULD BE MADE IN RESPECT OF THAT AUTHORISATION – IN TERMS OF *Regulation 22 sub-regulation 2 (n) of the EIA Regulations, 2010*

The Environmental Assessment Practitioner is of the opinion that the activity may be authorised due to:

- Should the activity not be authorised it will result in an incomplete network hampering and restricting communication quality and quantity on the network.
- The negative impacts on the surrounding environment are of low significance.

Recommended conditions, including mitigation measures that should be considered for inclusion in any authorisation that may be granted by the competent authority in respect of the application:

1. Telecommunication base station with a 30m *tree type mast (Alternative 1)* to be established on the Alternative 1-2 proposed position indicated on attached plans.
2. Measures to be implemented for the duration of the construction period to prevent unauthorised access to the construction site.
3. Dust suppression measures to be implemented during earthworks.
4. Construction only to take place within normal daytime working hours.
5. The contractor must provide chemical toilets during the construction phase.
6. Telecommunication base station to be enclosed with a 2.4m high galvanised steel palisade fence.
7. Required electricity connection point to be established in consultation with the property owner and electricity supplier.
8. Topsoil to be stored separately for appropriate landscaping distribution on completion of construction.
9. All the prevention and mitigation measures described in this report and in the EMPR must be implemented and monitored.

12. Any representations, and comments received in connection with the application or the basic assessment report;	<i>Refer to Appendix E</i>
13. The minutes of any meetings held by the EAP with interested and affected parties and other role players which record the views of the participants;	No meeting was held during the public participation process.
14. Any responses by the EAP to those representations, comments and views;	<i>Refer to Appendix E</i>
15. Any specific information required by the competent authority; and	The EAP received no request for specific information from the department.
16. Any other matters required in terms of sections 24(4)(a) and (b) of the Act.	No other matters required to the EAP's knowledge.

SECTION E: CONSULTATION WITH OTHER STATE DEPARTMENTS – IN TERMS OF Regulation 22 sub-regulation 2 (f) (iii) of the EIA Regulations, 2010

Provide a list of all State Departments / Organs of State that have been consulted and registered as interested and affected parties, and to whom draft reports have been submitted for comment. **Proof of submission / delivery of the draft report to all State Department / Organs of State must be attached to this document.**

Department:	Albert Luthuli Local Municipality		
Contact person:	Mr. V.N. Mpila, Environmental Management Section		
Postal address:	P O Box 24, Carolina		
Postal code:	1185	Cell:	-
Telephone:	017 843 4000	Fax:	017 843 4001
E-mail:	-		

Department:	Gert Sibande District Municipality		
Contact person:	MR. A. Ngobo, Environmental Management Section		
Postal address:	P O Box 1748, Ermelo		
Postal code:	2350	Cell:	-
Telephone:	017 801 7000	Fax:	017 811 1207
E-mail:	-		

Department:	South African Heritage Resources Agency		
Contact person:	Dumisani Sibayi		
Postal address:	P O Box 4637, Cape Town		
Postal code:	8000	Cell:	-
Telephone:	021 462 4502	Fax:	021 462 4509
E-mail:	dsibayi@sahra.org.za		

Department:	Mpumalanga Tourism and Parks Agency		
Contact person:	Kholofelo		
Postal address:	Private Bag X 11338, Nelspruit		
Postal code:	1200	Cell:	-
Telephone:	013 759 5300	Fax:	013 755 4014
E-mail:	-		

SECTION F: APPENDICES

The following appendices must be attached to the basic assessment report as appropriate:

Appendix A: Site plan(s) – IN TERMS OF Regulation 22 sub-regulation 2 (c) of the EIA Regulations, 2010

Appendix B: Photographs – IN TERMS OF Regulation 22 sub-regulation 2 (c) of the EIA Regulations, 2010

Appendix C: Facility illustration(s) – IN TERMS OF Regulation 22 sub-regulation 2 (c) of the EIA Regulations, 2010

Appendix D: Specialist reports – IN TERMS OF Regulation 22 sub-regulation 2 (k) of the EIA Regulations, 2010 – No specialist input required

Appendix E: Comments and Response Report – IN TERMS OF Regulation 22 sub-regulation 2 (f) (iv) and 2 (o) and (q) of the EIA Regulations, 2010

Appendix F: Environmental Management Programme (EMPR) – IN TERMS OF Regulation 22 sub-regulation 2 (l) of the EIA Regulations, 2010

Appendix G: Other information

G1: Public Participation – IN TERMS OF Regulation 22 sub-regulation 2 (f) of the EIA Regulations, 2010

G1 – Public Participation - Proof of Site Notice

G2 – Public Participation – Written Notices to I&AP

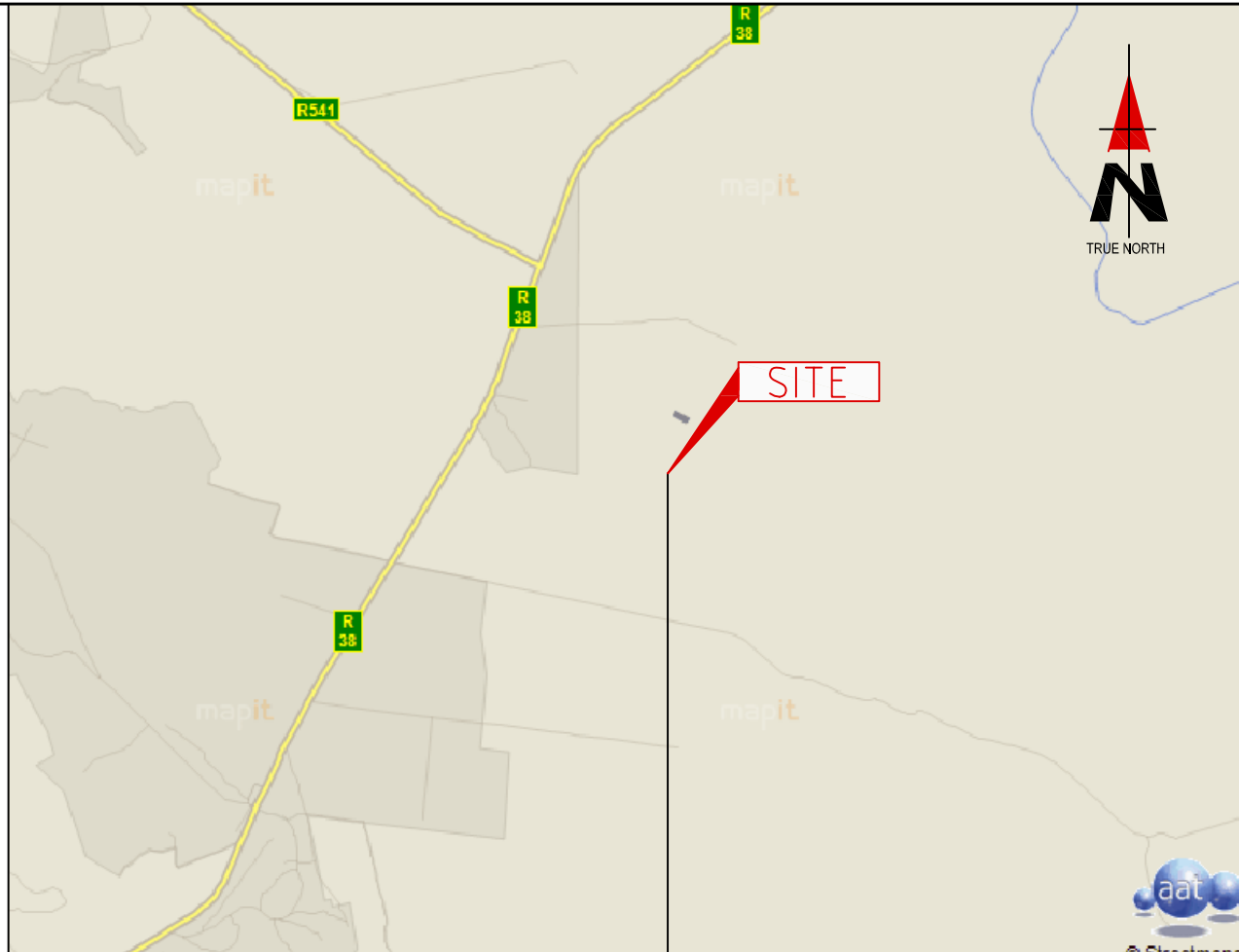
G3 – Public Participation – Proof of Newspaper Advertisement

G4 – Public Participation – Register of Interested and Affected Parties

G5 – South African Civil Aviation Authority Information

G6 – Motivation for exemption of assessing reasonable or feasible alternatives, as contemplated in subregulation 22 (2) (h) - **IN TERMS OF Regulation 22 sub-regulation 4 of the EIA Regulations, 2010**

Appendix A: Site Plans



NO.	DATE	DESCRIPTION
0	01/12/2011	FIRST ISSUE

PROJECT:
NEW TELECOMMUNICATION BASESTATION
WITH A 30m MAST FOR CELL C (PTY) LTD

DRAWN BY: JANINE STEYN
PROPERTY DESCRIPTION:
PORTION 44 OF THE FARM
KEES ZYN DOORNS 708 JT

OWNER:
MOUNTAIN VIEW INVESTMENTS (PTY) LTD

COORDINATES:
LAT : -25.922395° S
LONG : 30.603004° E

APPROVALS:
CELL C RF PLANNER:
Signature: _____
Date: _____

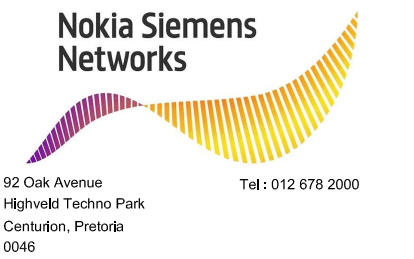
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Signature: _____
Date: _____

CELL C REAL ESTATE CO-ORDINATOR:
Signature: _____
Date: _____

CELL C ENGINEER
Name: _____
Signature: _____
Number: _____



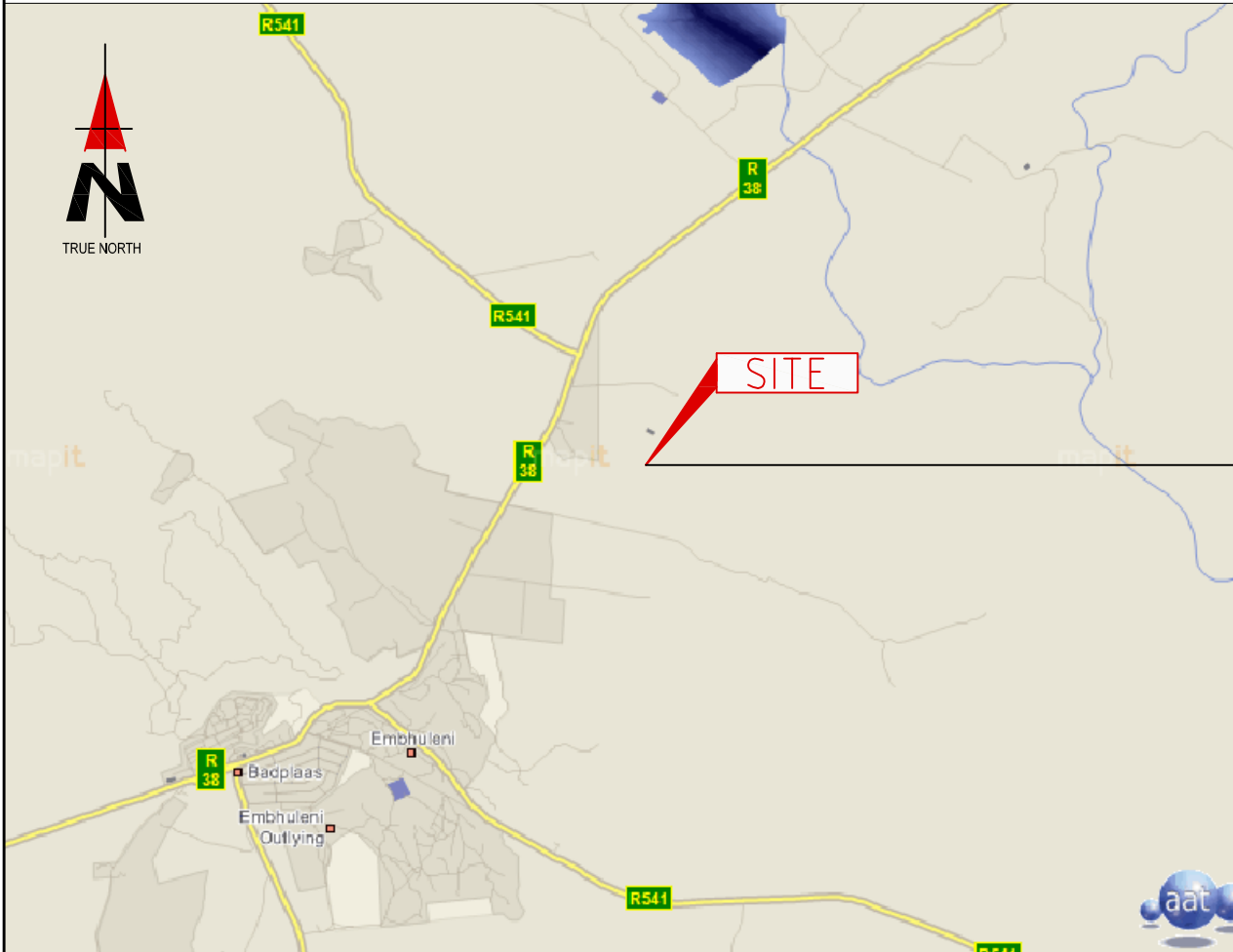
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Sandown
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Fax: +27 (11) 324 4401
Private Bag X36
Benmore
2010



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Tel. +27 (12) 804 1504/6
Fax: +27 (12) 804 7072
admin@torbiousesolutions.co.za
P.O. Box 32017
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0134

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0	1 OF 11	1	NTS

SITE NO:
9868
SITE NAME AND ADDRESS:
KEES ZYN DOORNS
CRADLE OF LIFE NURSERY,
AND CONSERVATORY,
OFF R38 (BADPLAAS-NELSPRUIT)
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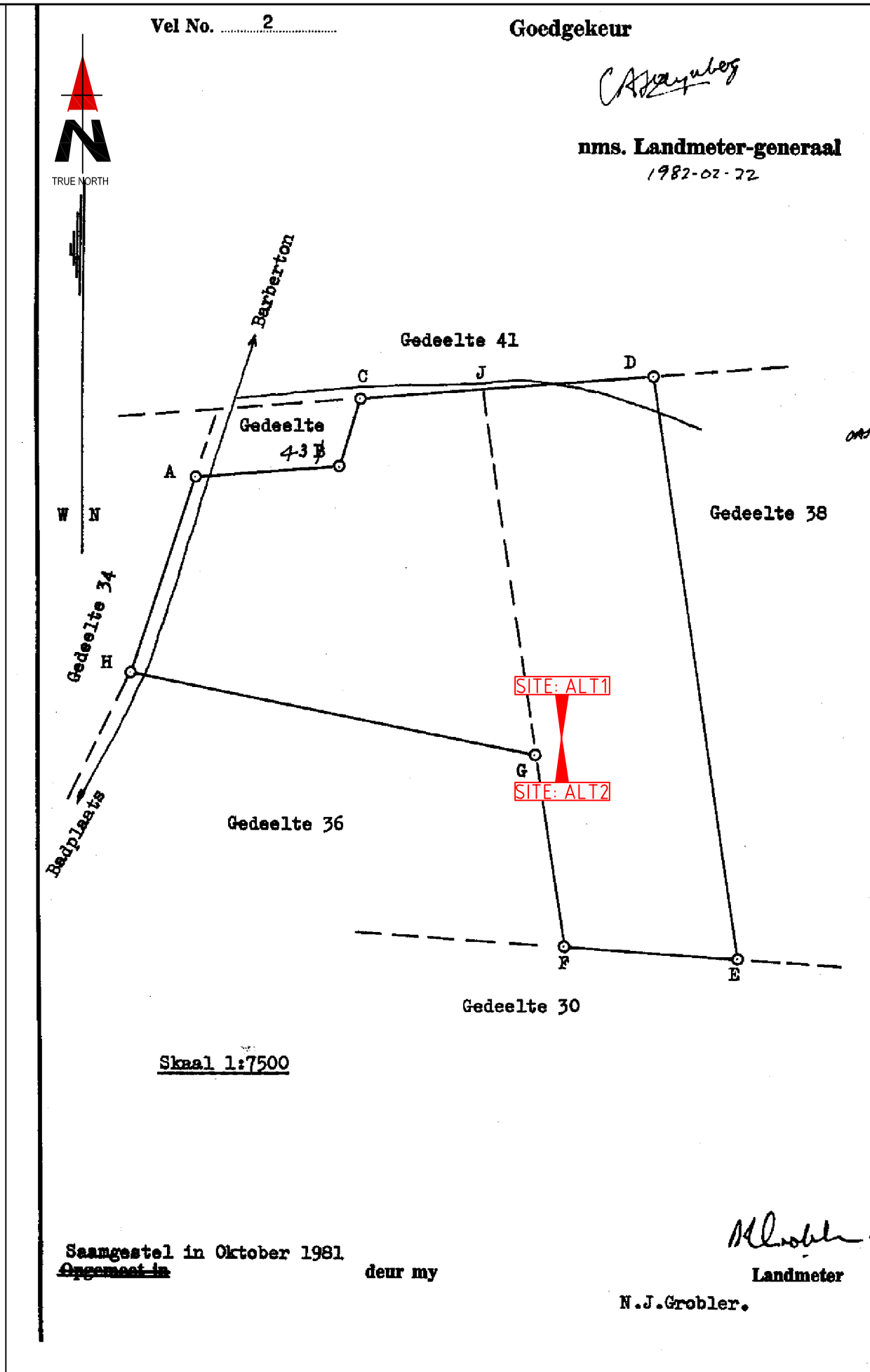
9868
KEES ZYN DOORNS

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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

LOCALITY MAP



Saamgestel in Oktober 1981
 Opgelees deur my
 N.J. Grobler, Landmeter

Vel No. 2

Goedgekeur

C. Steyn

nms. Landmeter-generaal
1982-02-72

NO.	DATE	DESCRIPTION
0	01/12/2011	FIRST ISSUE

PROJECT:
 NEW TELECOMMUNICATION BASESTATION
 WITH A 30m MAST FOR CELL C (PTY) LTD

DRAWN BY: JANINE STEYN
 PROPERTY DESCRIPTION:
 PORTION 44 OF THE FARM
 KEES ZYN DOORNS 708 JT

OWNER:
 MOUNTAIN VIEW INVESTMENTS (PTY) LTD

COORDINATES:
 LAT : -25.922395° S
 LONG : 30.603004° E

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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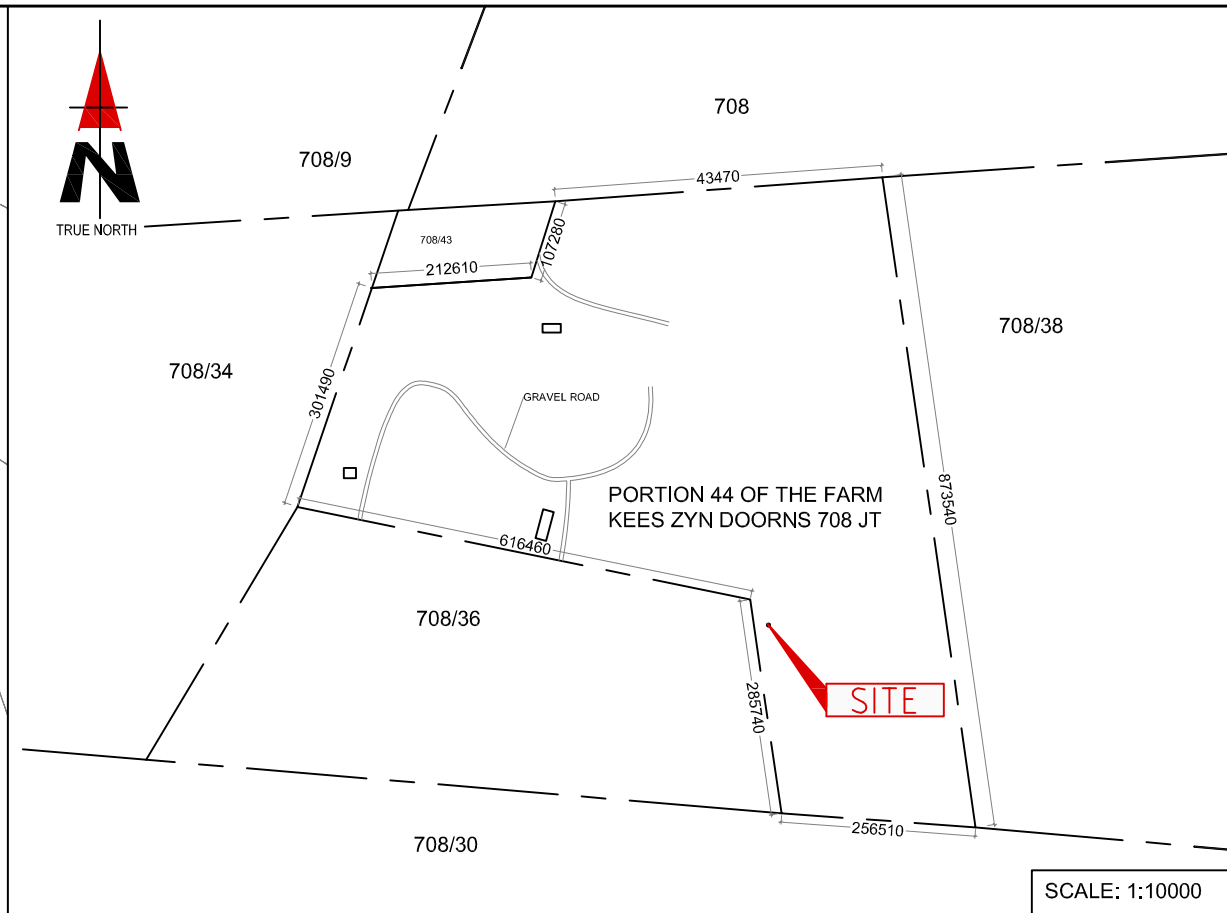
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 TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE
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ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C
 (PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS

CADASTRAL INFO



PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT



SCALE: 1:10000

NEW CELL C: PROPOSED AC
POWER SUPPLY ROUTE (±1m)

NEW CELL C: PROPOSED
NEW POSITION FOR AC
POWER BOX

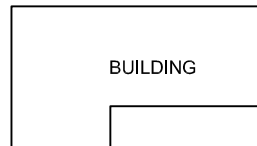
ALTERNATIVE 1: NEW CELL C: 8x8m
TELECOMMUNICATION BASESTATION
WITH A 30m TREE MAST
ALTERNATIVE 2: NEW CELL C: 10x10m
TELECOMMUNICATION BASESTATION WITH A
30m LATTICE MAST (PAINTED GREEN)

NEW CELL C:
PROPOSED 2-TRACK
ACCESS ROAD (±46m)

EXCAVATED
AREA

EXISTING 2-TRACK
ACCESS ROAD

708/36



BUILDING

CONCRETE DAM

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COMMENCEMENT OF WORK.

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

SITE DEVELOPMENT PLAN

NO.	DATE	DESCRIPTION
0	01/12/2011	FIRST ISSUE

PROJECT:
NEW TELECOMMUNICATION BASESTATION
WITH A 30m MAST FOR CELL C (PTY) LTD

DRAWN BY: JANINE STEYN

PROPERTY DESCRIPTION:
PORTION 44 OF THE FARM
KEES ZYN DOORNS 708 JT

OWNER:
MOUNTAIN VIEW INVESTMENTS (PTY) LTD

COORDINATES:
LAT : -25.922395° S
LONG : 30.603004° E

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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Highveld Techno Park
Centurion, Pretoria
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Tel: 012 678 2000

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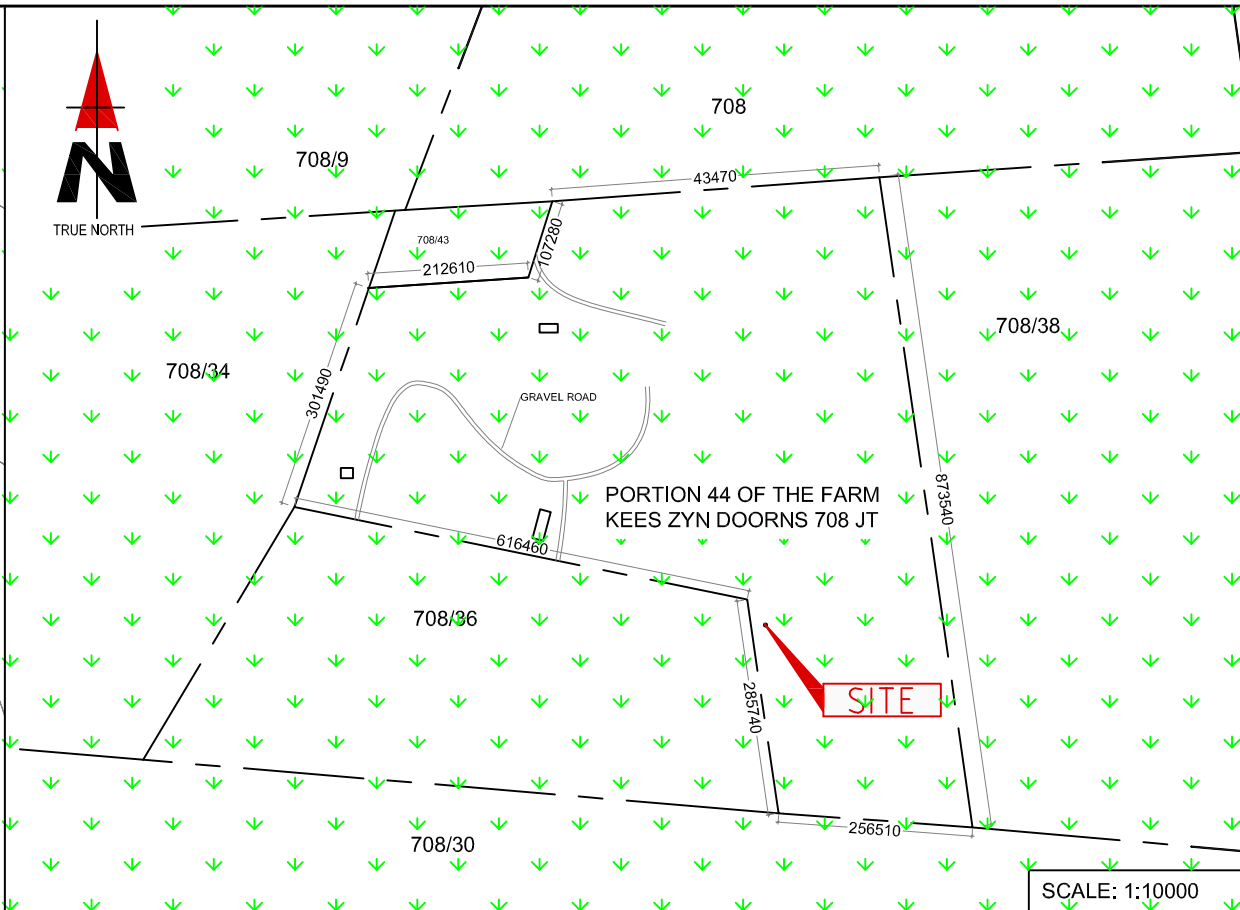
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SITE NO:
9868

SITE NAME AND ADDRESS:
KEES ZYN DOORNS
CRADLE OF LIFE NURSERY,
AND CONSERVATORY,
OFF R38 (BADPLAAS-NELSPRUIT)
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PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT



SCALE: 1:10000

NEW CELL C: PROPOSED AC
POWER SUPPLY ROUTE (±1m)

NEW CELL C: PROPOSED
NEW POSITION FOR AC
POWER BOX

ALTERNATIVE 1: NEW CELL C: 8x8m
TELECOMMUNICATION BASESTATION
WITH A 30m TREE MAST
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TELECOMMUNICATION BASESTATION WITH A
30m LATTICE MAST (PAINTED GREEN)

NEW CELL C:
PROPOSED 2-TRACK
ACCESS ROAD (±46m)

EXCAVATED
AREA

EXISTING 2-TRACK
ACCESS ROAD

TO R38

CONCRETE DAM

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BUILDING

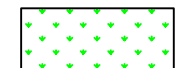
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(PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS

CURRENT LAND USE

LEGEND

AGRICULTURAL



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PROJECT:
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WITH A 30m MAST FOR CELL C (PTY) LTD

DRAWN BY: JANINE STEYN

PROPERTY DESCRIPTION:
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KEES ZYN DOORNS 708 JT

OWNER:
MOUNTAIN VIEW INVESTMENTS (PTY) LTD

COORDINATES:
LAT : -25.922395° S
LONG : 30.603004° E

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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Networks



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Consultant:

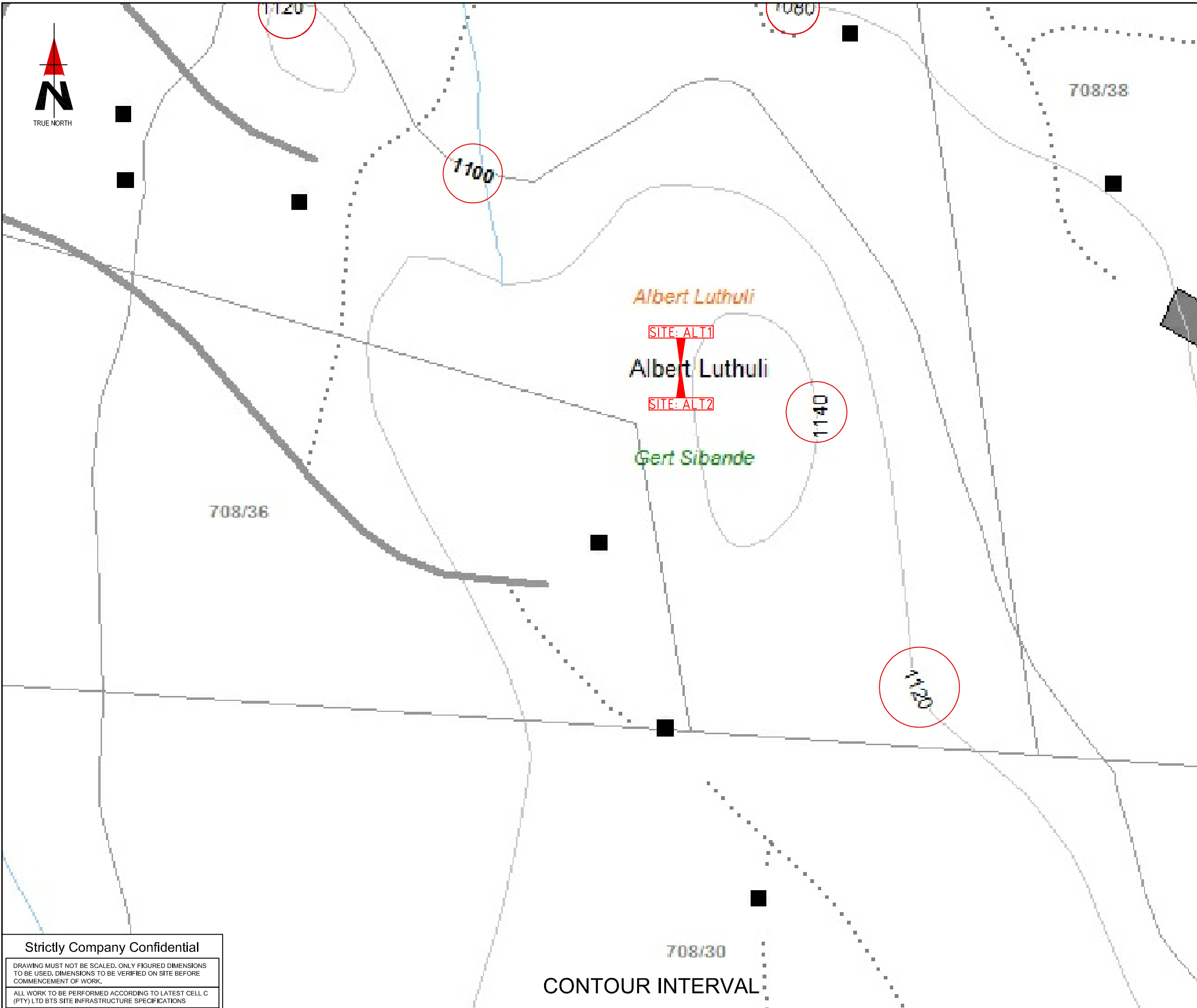


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SITE NAME AND ADDRESS:
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CRADLE OF LIFE NURSERY,
AND CONSERVATORY,
OFF R38 (BADPLAAS-NELSPRUIT)
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NO.	DATE	DESCRIPTION
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DRAWN BY: JANINE STEYN

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COORDINATES:
LAT : -25.922395° S
LONG : 30.603004° E

APPROVALS:
CELL C RF PLANNER:
Signature: _____
Date: _____

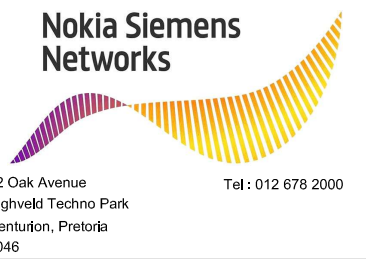
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Date: _____

CELL C REAL ESTATE CO-ORDINATOR:
Signature: _____
Date: _____

CELL C ENGINEER
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SITE NO:
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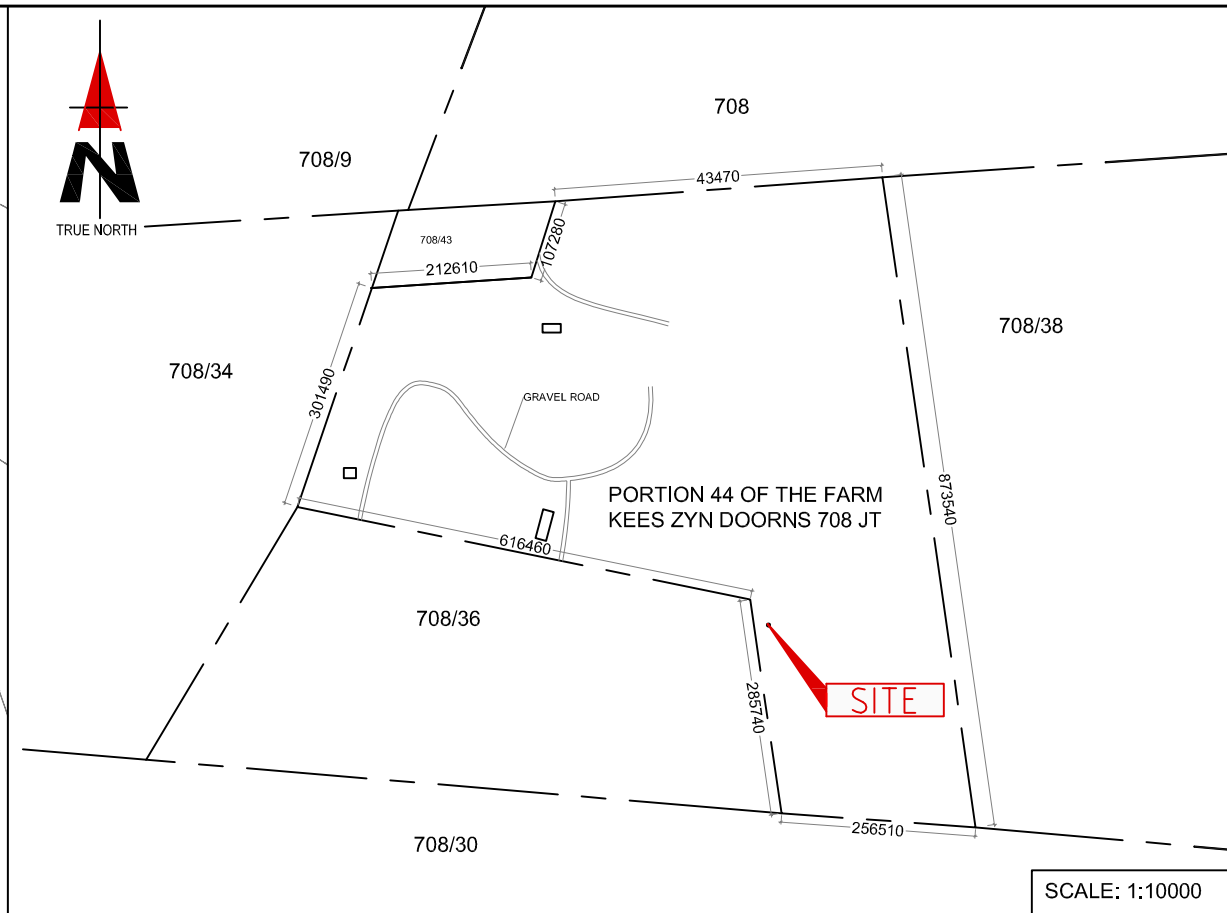
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CONTOUR INTERVAL

Appendix B: Site Photographs



PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT



SCALE: 1:10000

NEW CELL C: PROPOSED AC
POWER SUPPLY ROUTE (±1m)

NEW CELL C: PROPOSED
NEW POSITION FOR AC
POWER BOX

ALTERNATIVE 1: NEW CELL C: 8x8m
TELECOMMUNICATION BASESTATION
WITH A 30m TREE MAST
ALTERNATIVE 2: NEW CELL C: 10x10m
TELECOMMUNICATION BASESTATION WITH A
30m LATTICE MAST (PAINTED GREEN)

NEW CELL C:
PROPOSED 2-TRACK
ACCESS ROAD (±46m)

10

9

EXCAVATED

11

EXISTING 2-TRACK
ACCESS ROAD

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

SITE PHOTOGRAPHS

NO.	DATE	DESCRIPTION
0	01/12/2011	FIRST ISSUE

PROJECT:
NEW TELECOMMUNICATION BASESTATION
WITH A 30m MAST FOR CELL C (PTY) LTD

DRAWN BY: JANINE STEYN

PROPERTY DESCRIPTION:
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KEES ZYN DOORNS 708 JT

OWNER:
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COORDINATES:
LAT : -25.922395° S
LONG : 30.603004° E

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: _____
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REVISION:	SHEET NO:	ISSUE:	SCALE:
0	6 OF 11	1	1: 1000

SITE NO:
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SITE NAME AND ADDRESS:
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CRADLE OF LIFE NURSERY,
AND CONSERVATORY,
OFF R38 (BADPLAAS-NELSPRUIT)
MPUMALANGA

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

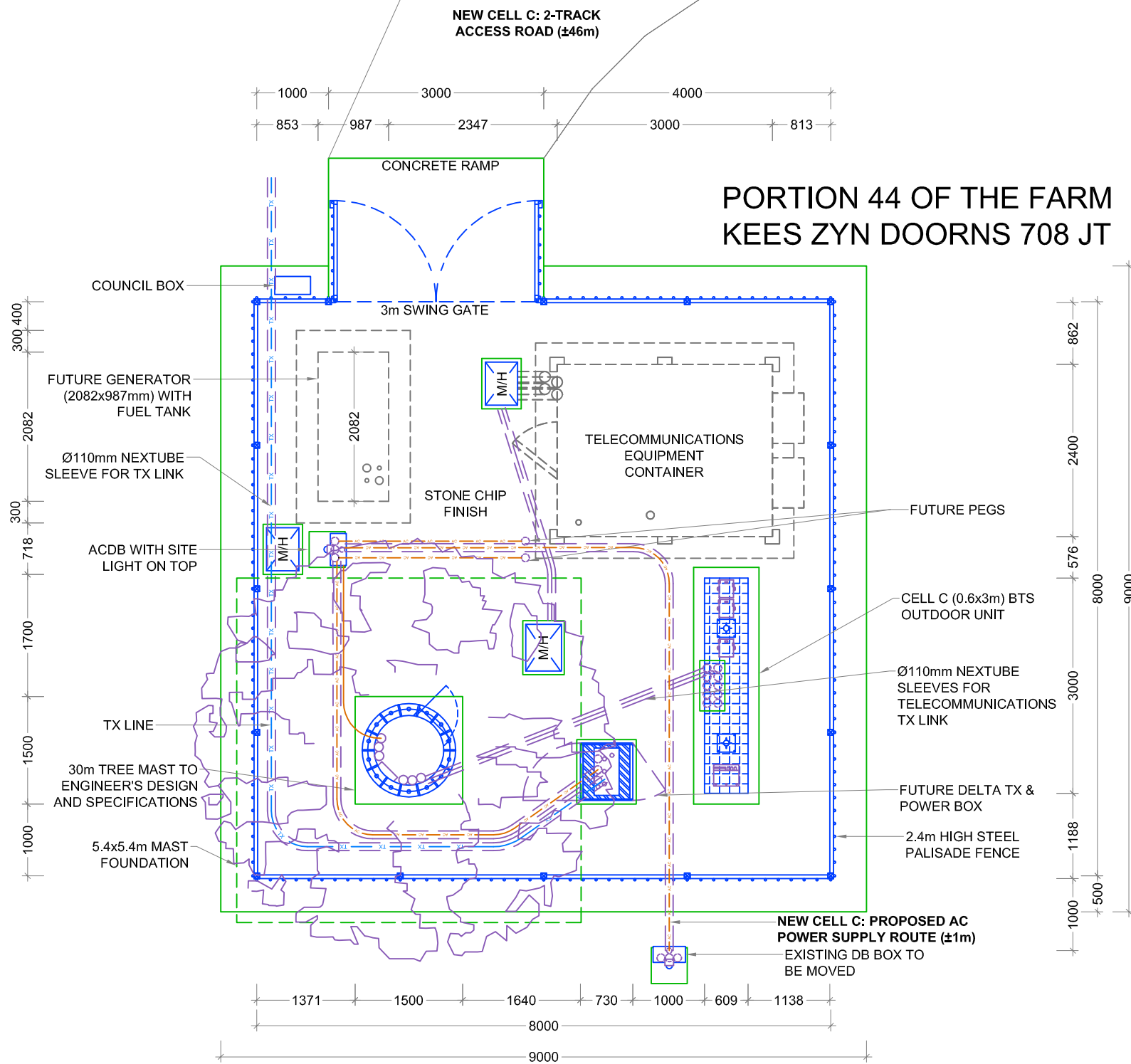


11. View on base station position direction South



12. View on base station position direction South-West

Appendix C: Facility Illustrations



NO.	DATE	DESCRIPTION
0	01/12/2011	FIRST ISSUE

PROJECT:
NEW TELECOMMUNICATION BASESTATION
WITH A 30m MAST FOR CELL C (PTY) LTD

DRAWN BY: JANINE STEYN
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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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Consultant:

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0	7 OF 11	1	1: 75

NOTES:

- HIGH RISK AREA
- NEW ACCESS ROAD TO BE BUILT TO AVOID STEEP ACCESS SECTION TO SITE LOCATION

SITE NO:
9868

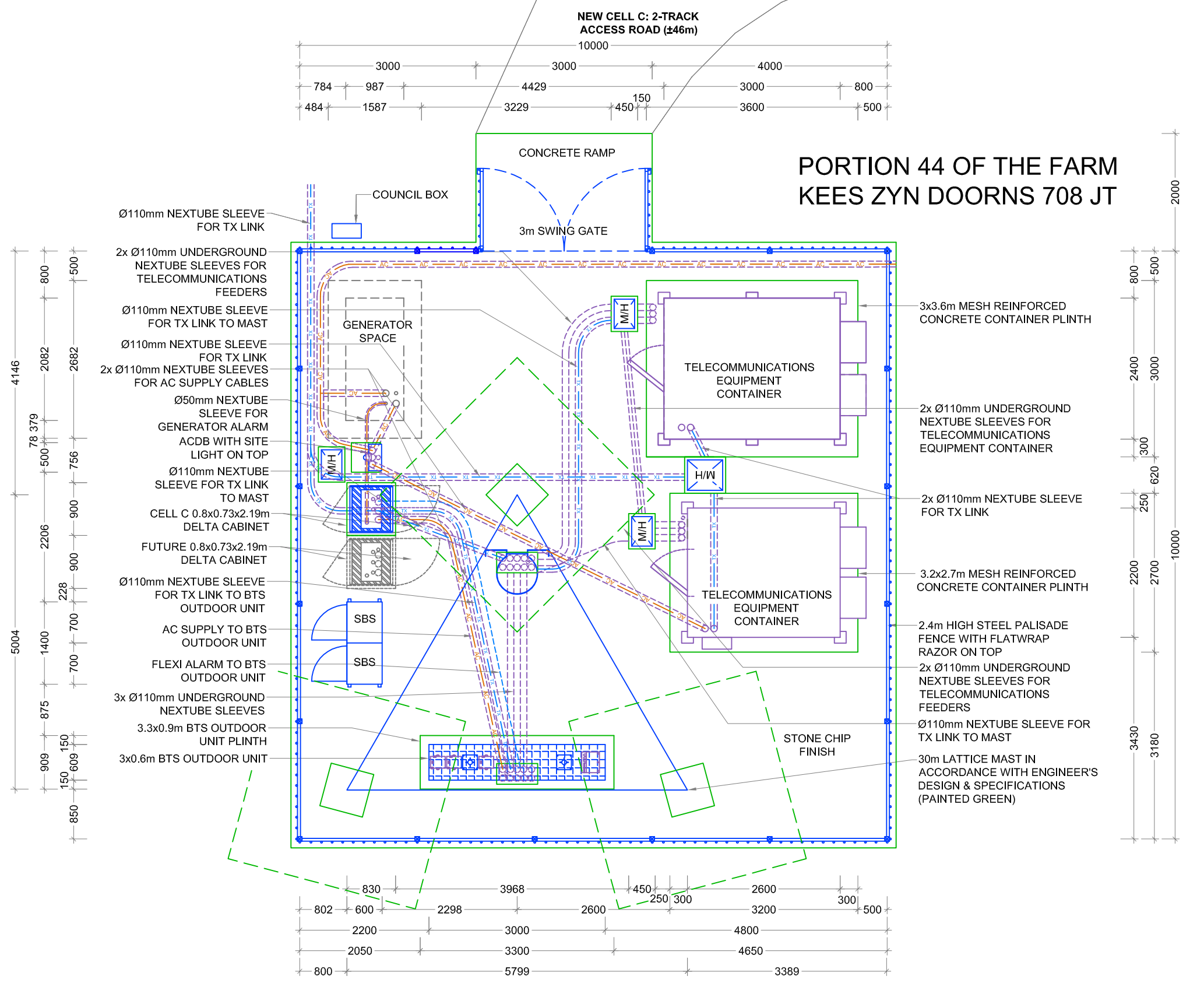
SITE NAME AND ADDRESS:
KEES ZYN DOORNS
CRADLE OF LIFE NURSERY,
AND CONSERVATORY,
OFF R38 (BADPLAAS-NELSPRUIT)
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ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS

SITE DETAIL: ALTERNATIVE 1



NO.	DATE	DESCRIPTION
0	01/12/2011	FIRST ISSUE

PROJECT:
NEW TELECOMMUNICATION BASESTATION
WITH A 30m MAST FOR CELL C (PTY) LTD

DRAWN BY: JANINE STEYN

PROPERTY DESCRIPTION:
PORTION 44 OF THE FARM
KEES ZYN DOORNS 708 JT

OWNER:
MOUNTAIN VIEW INVESTMENTS (PTY) LTD

COORDINATES:
LAT : -25.922395° S
LONG : 30.603004° E

APPROVALS:
CELL C RF PLANNER:
Signature: _____
Date: _____

CELL C IMPLEMENTATION:
Signature: _____
Date: _____

CELL C REAL ESTATE CO-ORDINATOR:
Signature: _____
Date: _____

CELL C ENGINEER
Name: _____
Signature: _____
Number: _____

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Private Bag X36
Benmore
2010

Nokia Siemens Networks

92 Oak Avenue
Highveld Techno Park
Centurion, Pretoria
0046

Tel: 012 678 2000

Consultant:

TORBIHOUSE SOLUTIONS

414 Rustic Road
Silvertondale
0184

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

P.O. Box 32017
Totiusdal
0134

REVISION:	SHEET NO:	ISSUE:	SCALE:
0	8 OF 11	1	1: 75

NOTES:

- HIGH RISK AREA
- NEW ACCESS ROAD TO BE BUILT TO AVOID STEEP ACCESS SECTION TO SITE LOCATION

SITE NO:
9868

SITE NAME AND ADDRESS:
KEES ZYN DOORNS
CRADLE OF LIFE NURSERY,
AND CONSERVATORY,
OFF R38 (BADPLAAS-NELSPRUIT)
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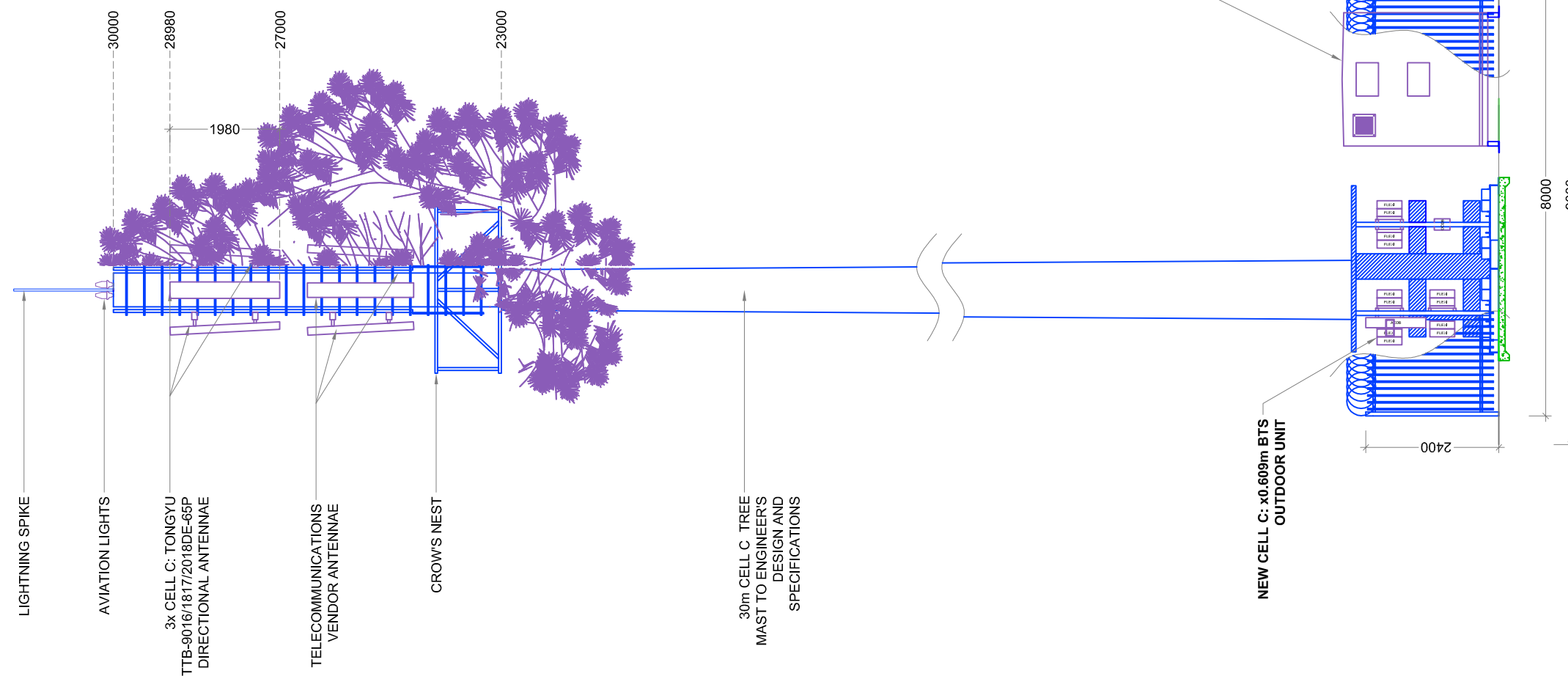
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ALL WORK TO BE PERFORMED ACCORDING TO LATEST CELL C (PTY) LTD BTS SITE INFRASTRUCTURE SPECIFICATIONS

SITE DETAIL: ALTERNATIVE 2

CELL C ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	TONGYU (TTB-9016/1817/2018DE-65P)	27			7/8"	± 32
2	120°	TONGYU (TTB-9016/1817/2018DE-65P)	27			7/8"	± 32
3	240°	TONGYU (TTB-9016/1817/2018DE-65P)	27			7/8"	± 32



NO.	DATE	DESCRIPTION
0	01/12/2011	FIRST ISSUE

PROJECT:
NEW TELECOMMUNICATION BASESTATION WITH A 30m MAST FOR CELL C (PTY) LTD

DRAWN BY: JANINE STEYN

PROPERTY DESCRIPTION:
PORTION 44 OF THE FARM
KEES ZYN DOORNS 708 JT

OWNER:
MOUNTAIN VIEW INVESTMENTS (PTY) LTD

COORDINATES:
LAT : -25.922395° S
LONG : 30.603004° E

APPROVALS:

CELL C RF PLANNER:
Signature: _____
Date: _____

CELL C IMPLEMENTATION:
Signature: _____
Date: _____

CELL C REAL ESTATE CO-ORDINATOR:
Signature: _____
Date: _____

CELL C ENGINEER
Name: _____
Signature: _____
Number: _____

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Nokia Siemens Networks

92 Oak Avenue Highveld Techno Park Centurion, Pretoria 0046
Tel: 012 678 2000

Consultant:

TORBIHOUSE SOLUTIONS

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

REVISION:	SHEET NO:	ISSUE:	SCALE:
0	9 OF 11	1	1:100

SITE NO:
9868

SITE NAME AND ADDRESS:
KEES ZYN DOORNS
CRADLE OF LIFE NURSERY,
AND CONSERVATORY,
OFF R38 (BADPLAAS-NELSPRUIT)
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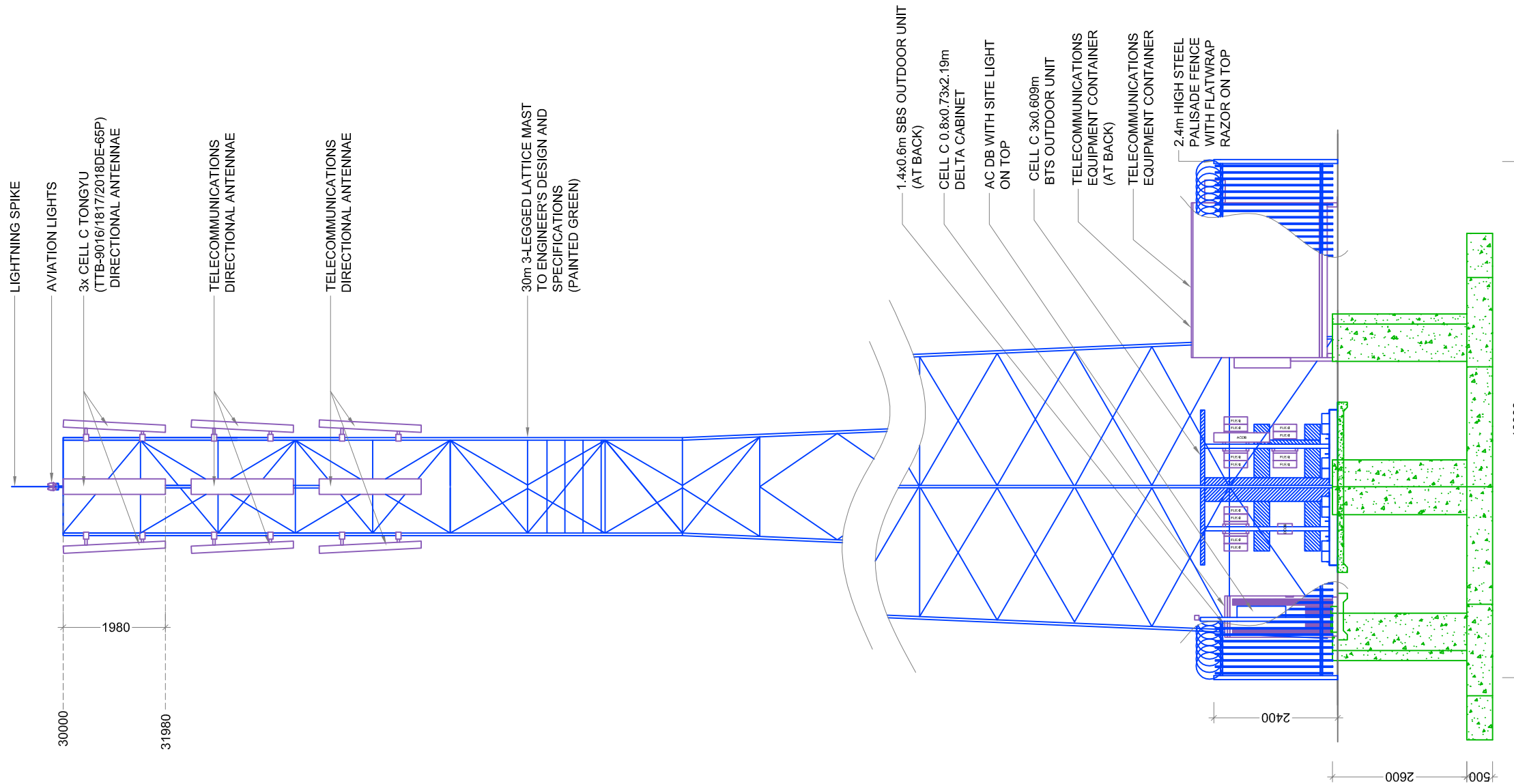
DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

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

SOUTH ELEVATION: ALTERNATIVE 1

CELL C ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	TONGYU (TTB-9016/1817/2018DE-65P)	31			7/8"	± 36
2	120°	TONGYU (TTB-9016/1817/2018DE-65P)	31			7/8"	± 36
3	240°	TONGYU (TTB-9016/1817/2018DE-65P)	31			7/8"	± 36



NO.	DATE	DESCRIPTION
0	01/12/2011	FIRST ISSUE

PROJECT:
 NEW TELECOMMUNICATION BASESTATION WITH A 30m MAST FOR CELL C (PTY) LTD

DRAWN BY: JANINE STEYN

PROPERTY DESCRIPTION:
 PORTION 44 OF THE FARM
 KEES ZYN DOORNS 708 JT

OWNER:
 MOUNTAIN VIEW INVESTMENTS (PTY) LTD

COORDINATES:
 LAT : -25.922395° S
 LONG : 30.603004° E

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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 0046
 Tel: 012 678 2000

Consultant:



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 Fax: +27 (12) 804 7072
 admin@torbiousesolutions.co.za
 P.O. Box 32017
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REVISION:	SHEET NO:	ISSUE:	SCALE:
0	10 OF 11	1	1:100

SITE NO:
9868

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

SOUTH ELEVATION: ALTERNATIVE 2

ALTERNATIVE 2



TYPICAL LATTICE MAST
(GREEN)

ALTERNATIVE 1



TYPICAL TREE MAST

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

FACILITY ILLUSTRATION

NO.	DATE	DESCRIPTION
0	01/12/2011	FIRST ISSUE

PROJECT:
NEW TELECOMMUNICATION BASESTATION WITH A 30m MAST FOR CELL C (PTY) LTD

DRAWN BY: JANINE STEYN

PROPERTY DESCRIPTION:
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KEES ZYN DOORNS 708 JT

OWNER:
MOUNTAIN VIEW INVESTMENTS (PTY) LTD

COORDINATES:
LAT : -25.922395° S
LONG : 30.603004° E

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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AND CONSERVATORY,
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Appendix D: Specialist Reports – Not Applicable

Appendix E: Comments and responses report

Interested & Affected Parties Register / Comments and Responses Report

Site number: 9868
 Site Name: Kees Zyn Doorns
 EIA reference no.: 17/2/3/GS - 105

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	22/05/2012	The Municipal Manager	PO Box 24, Carolina 1185	Mr. V.N. Mpila, Environmental Management Section Tel: (017) 843 4000 Fax: (017) 843 4001 Email: mm@albertluthuli.gov.za	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.
2	22/05/2012	The Ward Councillor	PO Box 24, Carolina 1185	Cir. C. Diamini (Ward 21) Tel: (017) 843 4000 Fax: (017) 843 4001 Email: mm@albertluthuli.gov.za	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.
3	22/05/2012	The District Municipality	PO Box 1748, Ermelo 2350	Mr. A. Ngcobo Environmental Management Section, Fax: (017) 811 1207	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.
4	22/05/2012	South African Heritage Resources Agency (SAHRA)	PO Box 4637, Cape Town, 8000	Mr. Phillip Hine / Mrs. Colette Scheermeyer Tel: (021) 462 4502 Fax: (021) 462 4509 Email: phine@sahra.org.za	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.
5	23/02/2012	South African Civil Aviation Authority (SACAA)	Private Bag X73, Halfway House 1685	Tel: (011) 545 1000 Fax: (011) 545 1451	NA	Auto I&AP	No approval received yet	Submitted application
6	17/04/2012	Land owner: Mountain View Investments (Pty) Ltd,	PO Box 249, Badplaas 1190	Mr. Danie Fredrick Cell: 084 444 5444	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.
7	17/04/2012	Mpumalanga Tourism and Parks Agency (MTPA)	Private Bag X11338, Nelspruit , 1200	Kholofelo Tel: (013) 759 5300 Fax: (013) 755 4014	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.

Appendix F: EMPR



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 Constrcution Of A Base Transciever 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 Constrcution Of A Base Transciever 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 Constrcution Of A Base Transciever Station

5. ABBREVIATIONS AND ACRONYMS

BTS: Base Transceiver Station

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

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

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

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

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

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

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

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

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

ROD: Record of Decision

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

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

TSS: Technical Site Survey

Environmental Management Plan For The Constrcution Of A Base Transciever Station

6. APPROVAL

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

7. REVISION HISTORY

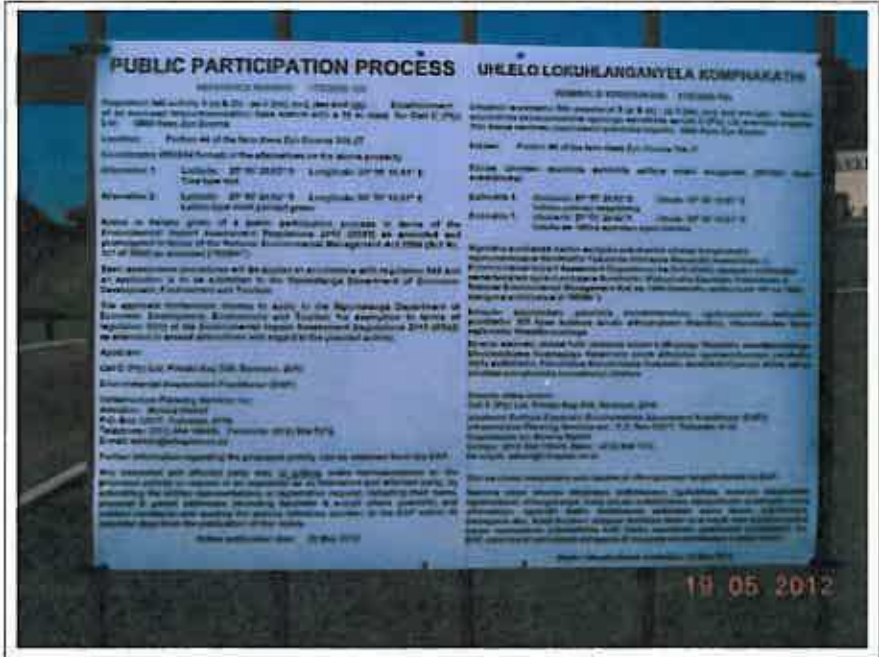
Description of Change or Reason for Update	Rev. #	Date	Name
Initial Issue (draft)	0		

Appendix G:

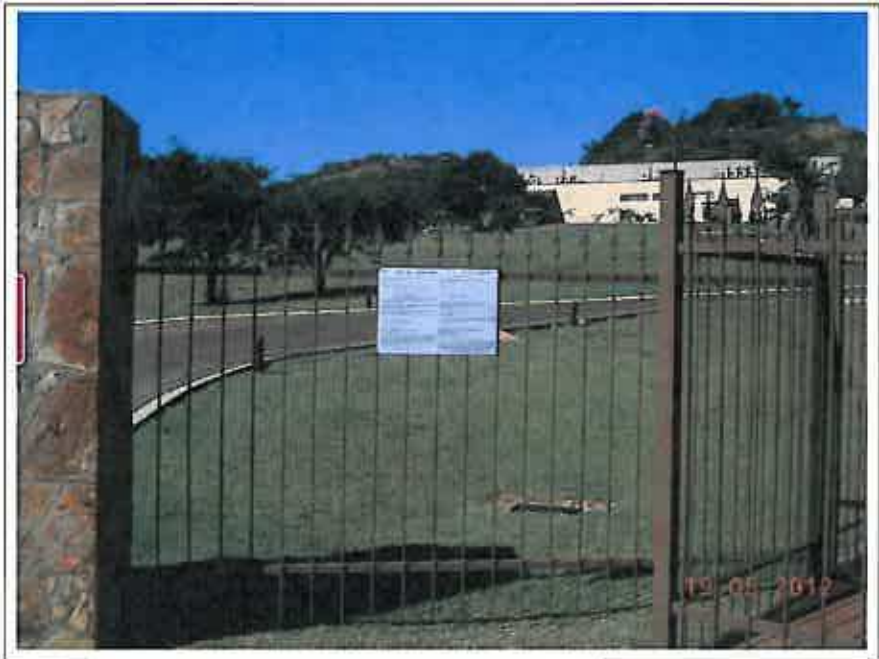
- G1: Public Participation - Proof of Site Notice**
- G2: Public Participation – Proof of Written Notices to I&AP**
- G3: Public Participation – Proof of Newspaper Advertisement**
- G4: Public Participation – Register of I&APs**
- G5: Motivation for exemption from assessing alternatives**

G1: Proof of Site Notice

Proof of Site Notice



Site Notice 1 affixed to fence at entrance of property

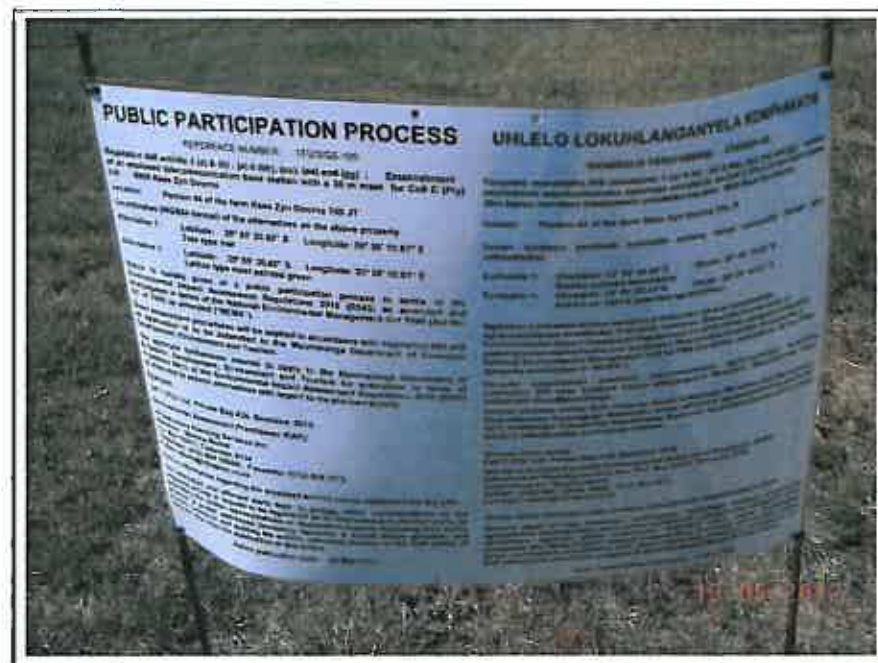


Site Notice 1 affixed to fence at entrance of property

Proof of Site Notice



Site Notice 1 affixed to fence at entrance of property



Site Notice 2 affixed to temporary stand at boundary of property

Proof of Site Notice



Site Notice 2 affixed to temporary stand at boundary of property



Site Notice 2 affixed to temporary stand at boundary of property

Proof of Site Notice



Site Notice 3 affixed to temporary stand adjacent to signboard



Site Notice 3 affixed to temporary stand adjacent to signboard

Proof of Site Notice



Site Notice 3 affixed to temporary stand adjacent to signboard

G2: Written Notices

Monica Niehof

From: Municipal Manager (ALM) [mm@albertluthuli.gov.za]
To: Beverley Schöpf
Sent: 04 June 2012 02:31 PM
Subject: Read: 120604 Telecommunication Infrastructure - 9868 Kees Zyn Doorns

Your message

To: mm@albertluthuli.gov.za
Subject:

was read on 04/06/2012 02:31 PM.

Monica Niehof

From: Beverley Schöpf
Sent: 04 June 2012 12:29 PM
To: 'mm@albertiulhuli.gov.za'
Subject: 120604 Telecommunication Infrastructure - 9868 Kees Zyn Doorns
Attachments: 9868 Letter to LA.pdf; DWG_EIA_R0-9868.pdf

Good Afternoon

I Herewith attach documents and drawings for your attention and perusal.

Please do not hesitate to contact us should you have any further queries in this regard.

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, Tloiusdal, 0134 Fax (012) 804 7072
e-mail: admin@infraplan.co.za



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

Tel. (012) 804 1504/6

Fax (012) 804 7072

Our Reference:

9868 / 17/2/3/GS-105

Your Reference:

22 May 2012

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

Attention: Mr V N Mpila

Environmental Management Section

Facsimile: (017) 843 4001

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT.

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

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

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

Kind Regards,

MONICA NIEHOF
For: Vukani IPS Inc.

Comments:

Monica Niehof

From: Municipal Manager (ALM) [mm@albertluthuli.gov.za]
To: Beverley Schöpf
Sent: 04 June 2012 02:31 PM
Subject: Read: 120604 Telecommunication Infrastructure - 9868 Kees Zyn Doorns

Your message

To: mm@albertluthuli.gov.za
Subject:

was read on 04/06/2012 02:31 PM.

Monica Niehof

From: Beverley Schöpf
Sent: 04 June 2012 12:26 PM
To: 'mm@albertluthuli.gov.za'
Subject: 120604 Telecommunication Infrastructure - 9868 Kees Zyn Doorns
Attachments: DWG_EIA_R0-9868.pdf; 9868 Letter to WC.pdf

Good Afternoon Councillor

I Herewith attach documentation and drawings for your attention and perusal.

Please do not hesitate to contact us should you have any further queries in this regard.

Kind regards

Beverley Schopf



INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated Reg. No. 2001/014236/21
414 Rustic Road, Silvertandale, 0184 Tel. (012) 804 1504/6
PO Box 32017, Tobusdal, 0134 Fax (012) 804 7072
e-mail: admin@infraplan.co.za



INFRASTRUCTURE PLANNING SERVICES

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

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

Our Reference:
9868 / 17/2/3/GS-105

Your Reference:

22 May 2012

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

Attention: Cnr C Dlamini
Councillor: Ward 21

Facsimile: (017) 843 4001

Dear Councillor,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT.

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

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

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

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

Kind Regards,

Monica Niehof
For: Vukani IPS Inc.

Comments:

Directors: KW Anholts; GA Anholts



INFRASTRUCTURE PLANNING SERVICES

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

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

Our Reference:
9868 / 17/2/3/GS-105

Your Reference:

22 May 2012

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

Attention: Mr A Ngcobo
Environmental Management Section

Facsimile: (017) 811 1207

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT.

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

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

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

Kind Regards,

MONICA NIEHOF
For: Vukani IPS Inc.

Comments:

TX Result Report

P 1
 04/06/2012 12:07
 Serial No. A02E04100551B
 TC: 928641

Destination	Start Time	Time	Prints	Result	Note
0178111207	06-04 12:03	00:03:19	012/012	OK	

Note TX: Ticker TX, POL: Polling, ORG: Original Size Setting, FNE: Frame Error IX,
 OK: OK, NOD: No Original TX, CALL: Manual IS, CSRC: CSRC, FWD: Forward, PC: PC-Fax,
 BLD: Double-Sided Binding Direction, SP: Special Original, FLNDE: F-code, RTN: Re-TX,
 RY: Reply, MCI: 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. 2001/014326/21
 414 Ruston Road, Silvertondale, 0154
 PO Box 32017, Tlovedale, 0154
 e-mail: admin@infoplan.co.za
 Tel. (012) 804 1504/6
 Fax (012) 804 7072

Our Reference: 9555 / 17/2/3/GS-105

Your Reference:

22 May 2012

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

Attention: Mr A Ngoobo
 Environmental Management Section
 Facsimile: (017) 811 1207

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1989 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) I (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 54B: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT.

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




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

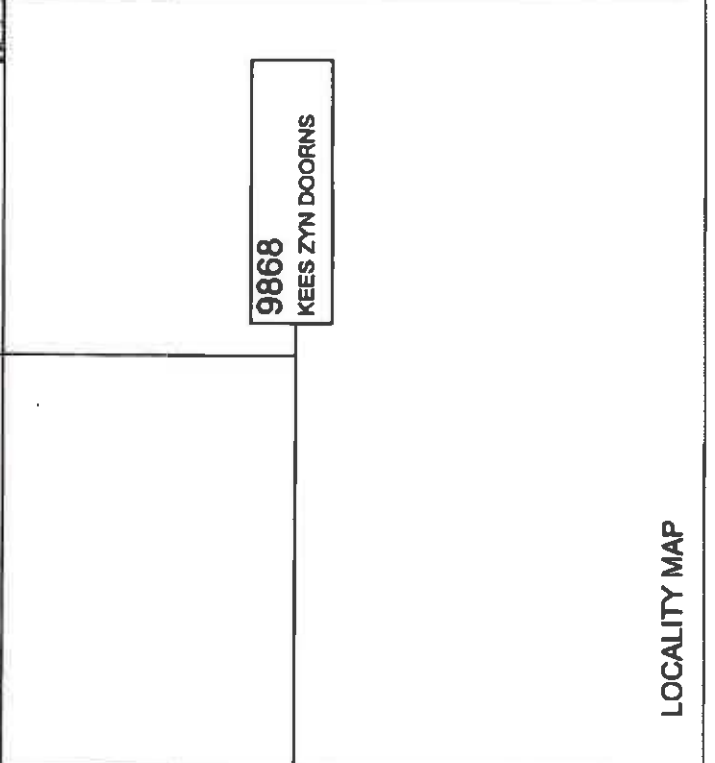
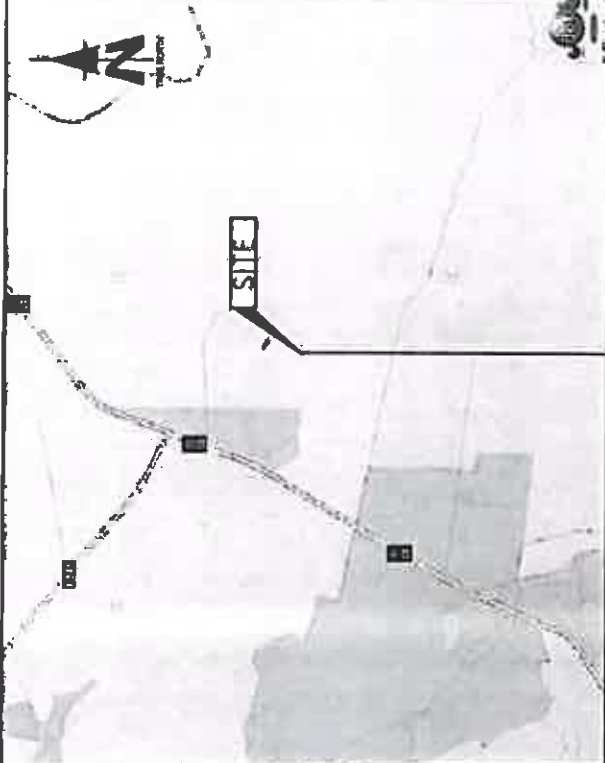
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

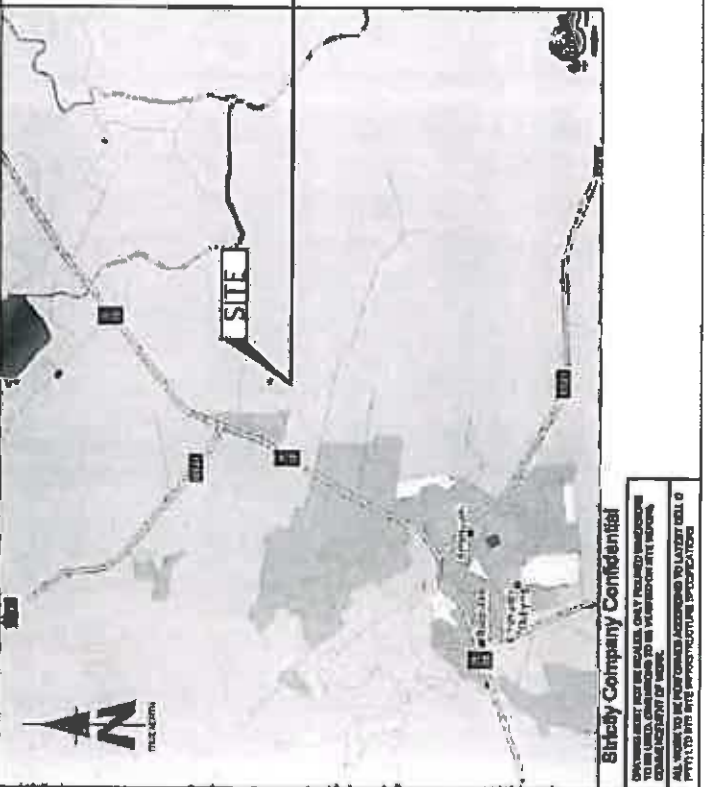
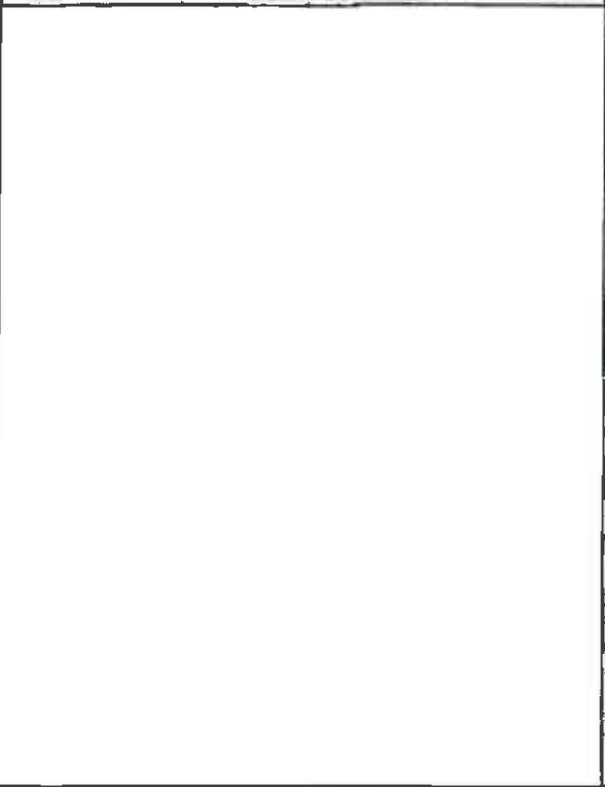
MONICA NIEHOF
 For: Vukani IPS Inc.

Comments:

NO.	DATE	DESCRIPTION	
0	01/17/2011	FIRST ISSUE	
PROJECT: NEW TELECOMMUNICATION BASE STATION WITH A 30m WAST FOR CELL C (PTV) LTD.			
DRAWN BY: JAMIE BRYAN PROPERTY DESCRIPTION: PORTION 41 OF THE SAMA KEES ZYN DOORNS 708 JT			
SURVEY: MOUNTAIN VIEW INVESTMENTS (PTY) LTD			
COORDINATES: LAT: -21.822000° S LONG: 29.600000° E			
APPROVALS: CELL C RF PLANNER: Signature: _____ Date: _____			
CELL C MAP ENGINEER: Signature: _____ Date: _____			
CELL C REAL ESTATE CO-ORDINATOR: Signature: _____ Date: _____			
CELL C ENGINEER: Name: _____ Signature: _____ Number: _____			
 <p>CELLO THE POWER IS IN YOUR HANDS</p> <p>Mobile Office Port 74 47 (10) 561 4200 100 Bessie Ross Drive Midrand Tel: +27 (11) 384 4000 Fax: +27 (11) 384 4001 www.cello.co.za</p>			
 <p>Nokia Siemens Networks Tel: 011 678 3000</p>			
 <p>TORHOUSE SOLUTIONS PO Box 2877 1016 Midrand Tel: +27 (11) 384 4000 Fax: +27 (11) 384 4001</p>			
REVISIONS	SHEET NO.	ISSUE	SCALE
0	1 OF 11	1	NTP
SITE NO: 9868			
APPROVED AND AGREED: KEES ZYN DOORNS OWNER/PROPERTY SIGNATURE: _____ DATE: _____ OFF FOR (BANYAN TELESPIN) NUNUMALANGA			



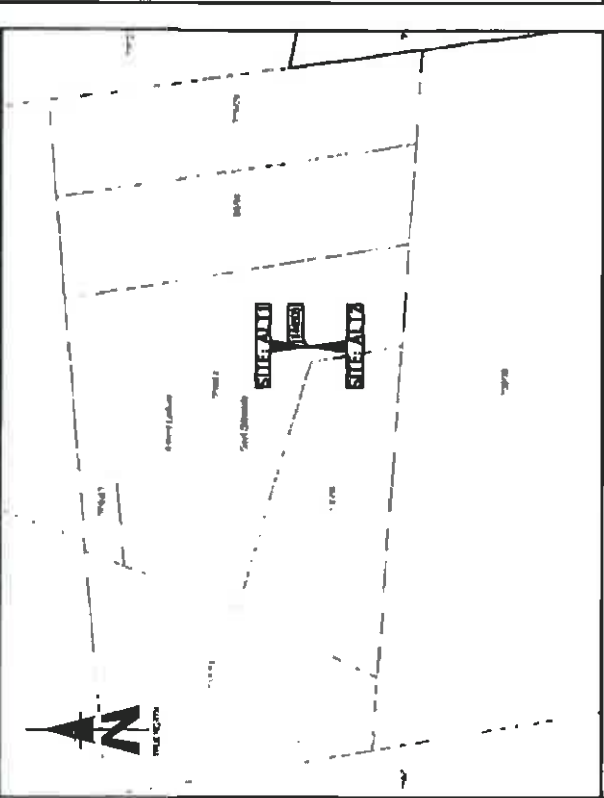
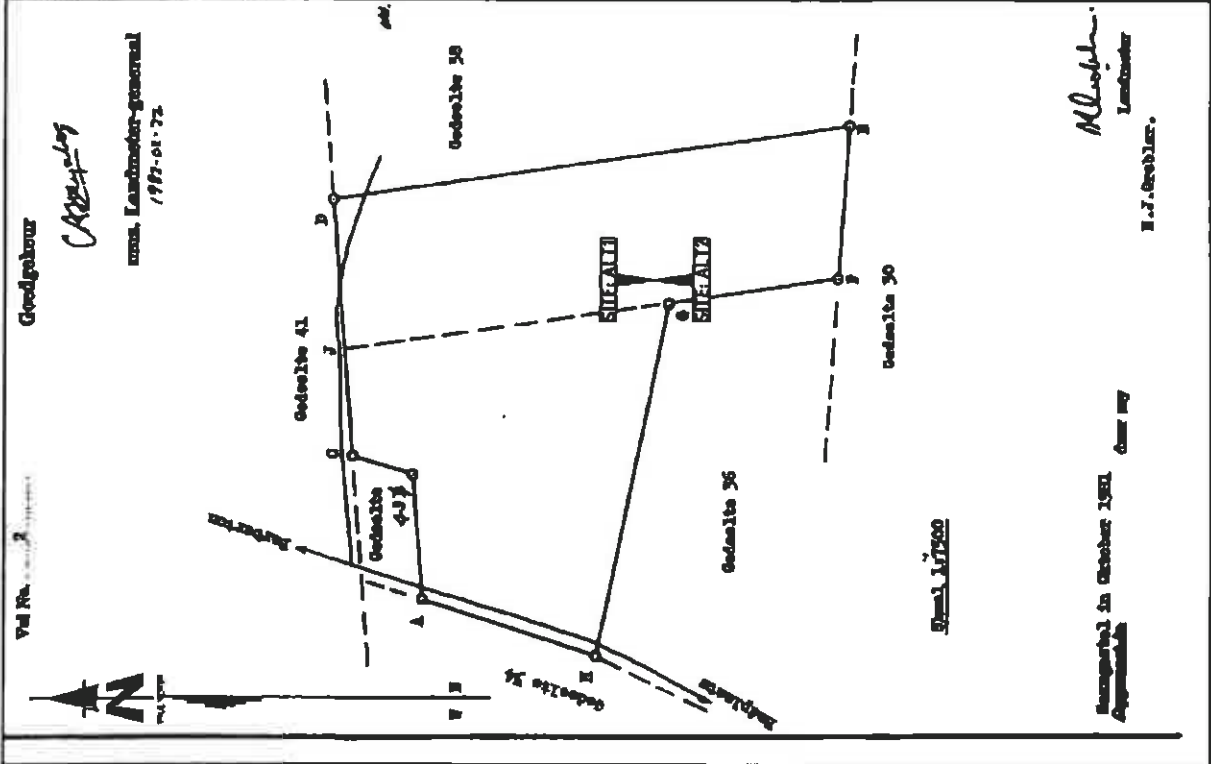
LOCALITY MAP



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NO	DATE	DESCRIPTION
1	01/11/2011	FIRST ISSUE
PROJECT: NEW TELECOMMUNICATION BASESTATION WITH A 20m WAST FOR CELL C (PTV) LTD		
DRAWN BY: JANNIE STEWART CHECKED BY: JANNIE STEWART PORTION 42 OF THE PAKIA REEF 2TH DOORS T08 J1		
CLIENT: MOUNTAIN VIEW INVESTMENTS (PTY) LTD		
COORDINATES: LAT : 28.62222° S LONG : 30.00000° E		
APPROVALS: CELL C RF PLANNER Signature: _____ Date: _____		
CELL C IMPL DIRECTION: Signature: _____ Date: _____		
CELL C REAL ESTATE CO-ORDINATOR: Signature: _____ Date: _____		
CELL C ENGINEER Name: _____ Signature: _____ Number: _____		
CELLO TM THE POWER IS IN YOUR HANDS <small>www.cello.co.za</small>		
Mobile Office Park 100 Riebeeck Road Tel: +27 (0)21 251 4000 Fax: +27 (0)21 251 4001 Mobile: +27 (0)21 251 4002		
Nokia Siemens Networks 		
100 Old Avenue Riebeeck Triangle Park Cape Town, 7701 Tel: +27 (0)21 251 2000		
TORRHOUSE SOLUTIONS 		
4th Floor, 100 Riebeeck Road Cape Town, 7701 Tel: +27 (0)21 251 2000 Fax: +27 (0)21 251 2001 Email: info@torrhouse.com Website: www.torrhouse.com		
REVISIONS: SUBSTANCE ISSUE SCALE:		0 1 1 MTR
SITE REC:		
SITE NAME AND ADDRESS: MOUNTAIN VIEW INVESTMENTS (PTY) LTD PORTION 42 OF THE PAKIA REEF 2TH DOORS T08 J1 CAPE TOWN, SOUTH AFRICA		

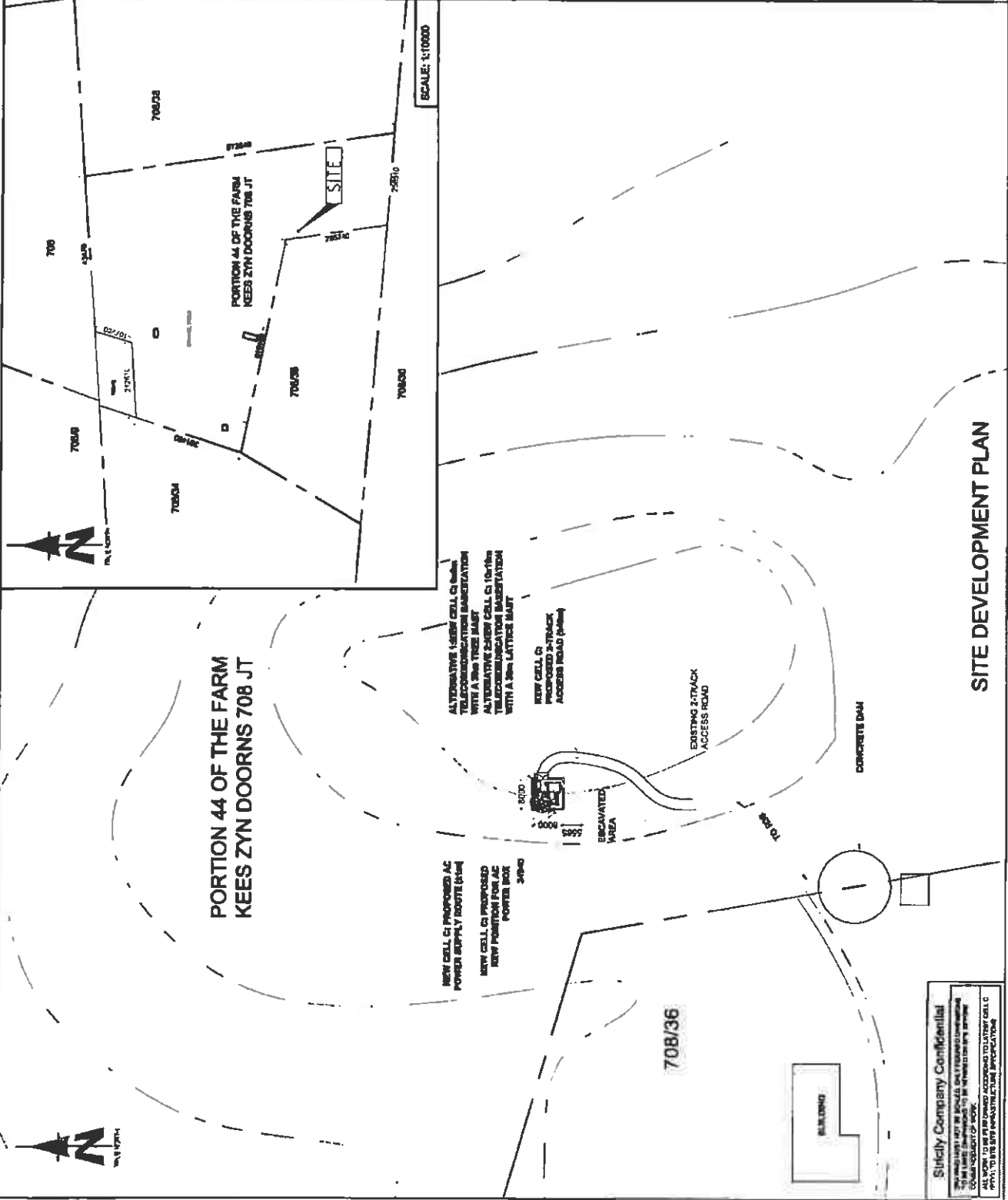


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CADASTRAL INFO

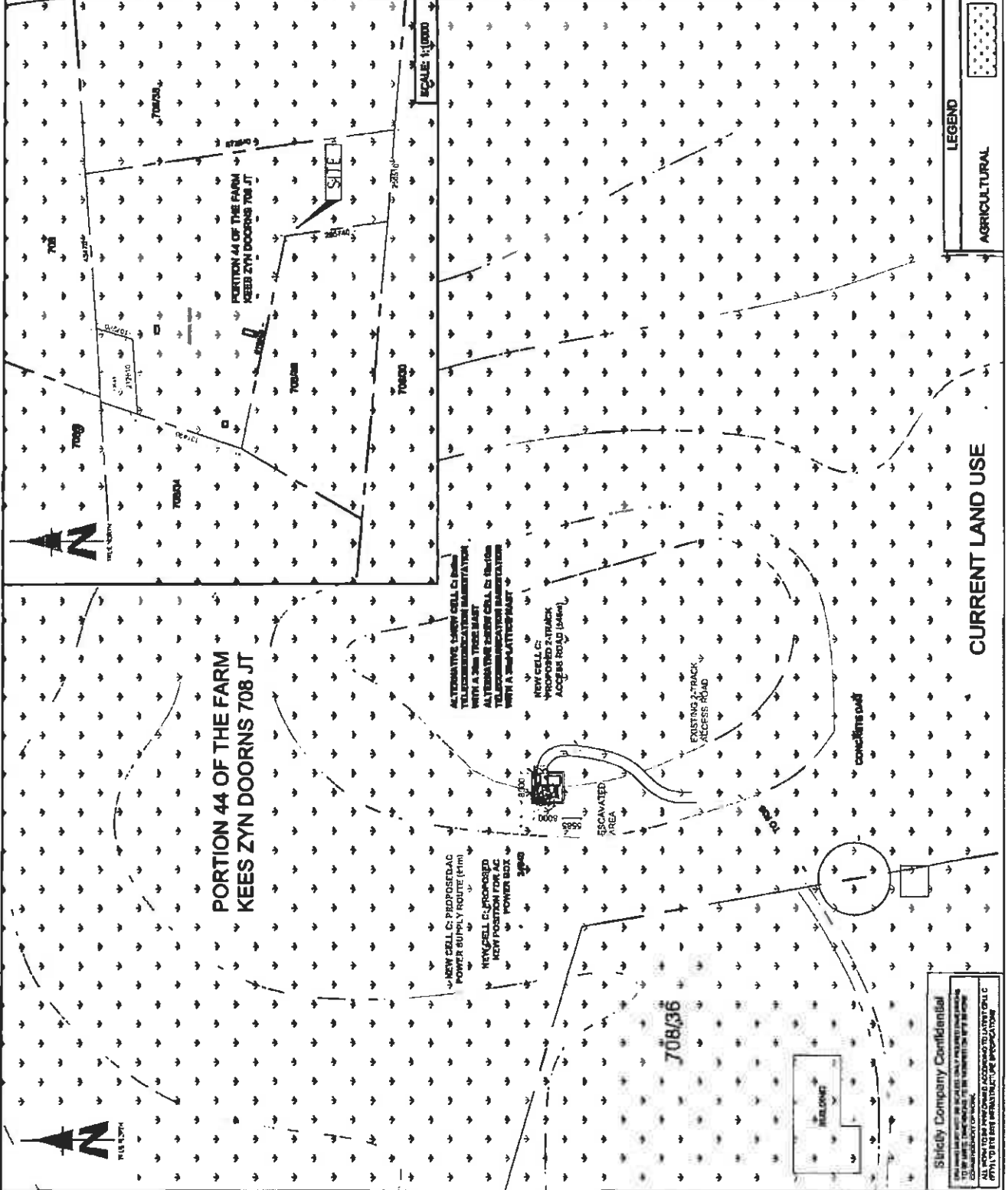
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PROJECT: NEW TELECOMMUNICATION SUBSTATION WITH A 20m MAST FOR CELL C (PTV) LTD											
PROPERTY DESCRIPTION: PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT											
DRAWN BY: JANNIE STEYN APPROVED BY: JANNIE STEYN DATE: 01/17/2011											
COORDINATES: LAT : 30.82239° S LONG : 30.80294° E											
APPROVALS: CELL C RF PLANNER: Signature: _____ Date: _____											
CELL C DEVELOPER: Signature: _____ Date: _____											
CELL C REAL ESTATE CO-ORDINATOR: Signature: _____ Date: _____											
CELL C ENGINEER: Signature: _____ Date: _____ NAME: _____ REGISTERED NUMBER: _____											
 CELLO THE POWER IS IN YOUR HANDS 100 CHALK ST RD MIDLANDS PROV TEL: +27 (0) 10 284 4000 FAX: +27 (0) 10 284 4009 WWW.CELLO.CO.ZA											
 Nokia Siemens Networks 20 Oak Avenue Midrand, Gauteng 2010 TEL: +27 (0) 11 793 3000											
 TURBOHOUSE SOLUTIONS 414 Bunkers Road Midrand, Gauteng 2010 TEL: +27 (0) 11 793 3000 FAX: +27 (0) 11 793 3000 WWW.TURBOHOUSE.CO.ZA											
REVISIONS: <table border="1"> <thead> <tr> <th>NO</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>3 OF 11</td> <td>1</td> </tr> <tr> <td>1</td> <td>11/09/10</td> <td></td> </tr> </tbody> </table>			NO	DATE	DESCRIPTION	0	3 OF 11	1	1	11/09/10	
NO	DATE	DESCRIPTION									
0	3 OF 11	1									
1	11/09/10										
DATE: 01/17/2011 SCALE: 1:10000											
SITE NAME AND ADDRESS: KEES ZYN DOORNS CHALK OF LIFE INDEPENDENT, CONSTITUTIONAL OFFICE BUILDING (MIDRAND) MIDRAND, GAUTENG											





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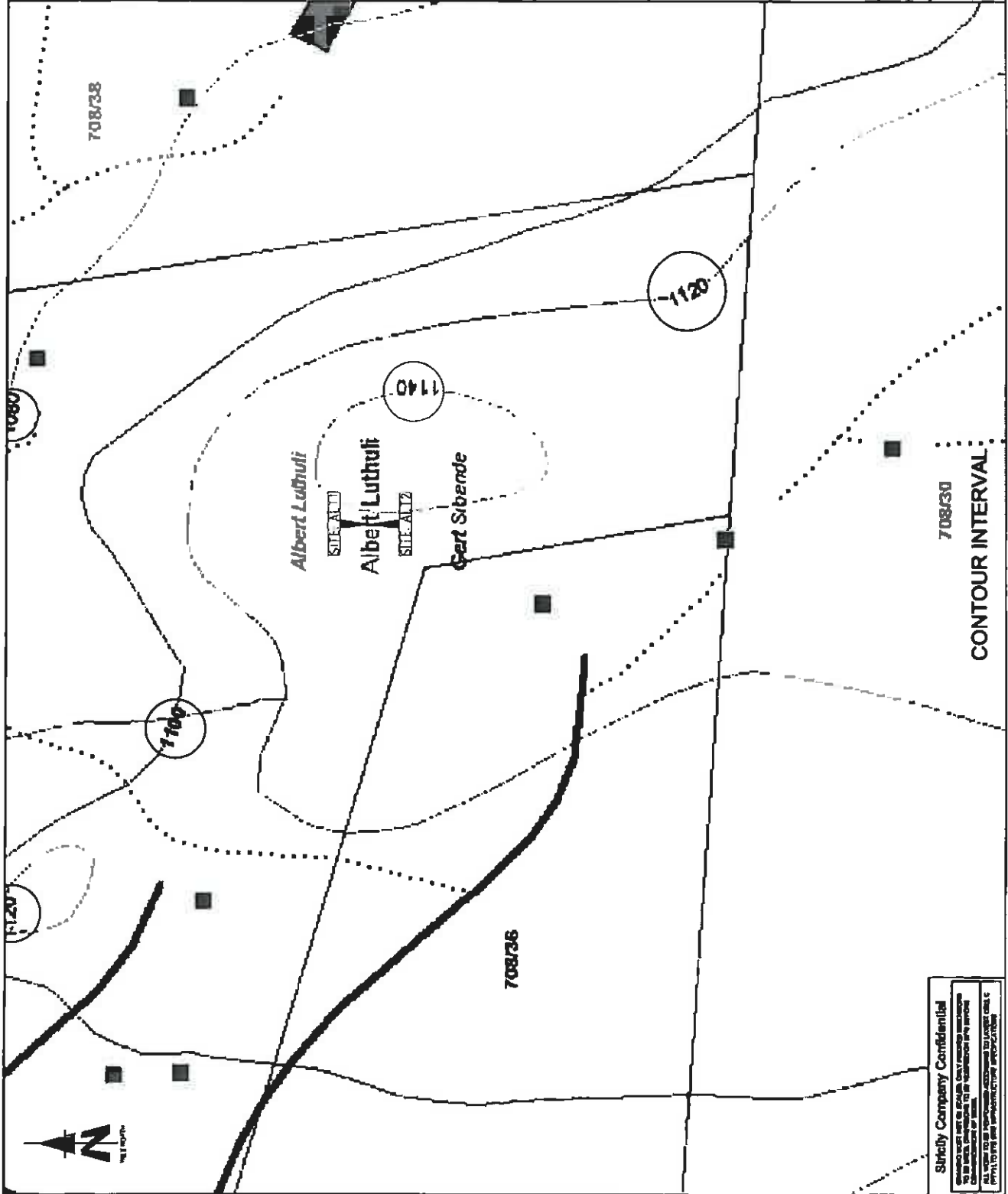
SITE DEVELOPMENT PLAN

NO.	DATE	DESCRIPTION
0	04/02/2011	FIRST ISSUE
PROJECT: NEW TELECOMMUNICATION INFRASTRUCTURE WITH A 30m MAST FOR CELL C (PTV) LTD		
DESIGNED BY: JAMES BRYEN PROPERTY DESCRIPTION: PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT		
OWNER: MOUNTAIN VIEW INVESTMENTS (PTY) LTD		
COORDINATES: LAT : -30.52235° S LONG : 28.00007° E		
APPROVALS: CELL C RF PLANNER: Signature: _____ Date: _____		
CELL C IMP. LAYOUT: Signature: _____ Date: _____		
CELL C REAL ESTATE CO-ORDINATOR: Signature: _____ Date: _____		
CELL C ENGINEER: Name: _____ Signature: _____ Number: _____		
CELLOTM THE POWER IS IN YOUR HANDS		
11 Oak Avenue Tel: 021 770 5000 Fax: 021 770 5001 101 Main Road Cape Town, South Africa		
Nokia Siemens Networks		
TORHOUSE SOLUTIONS 11 Oak Avenue Tel: 021 770 5000 Fax: 021 770 5001 101 Main Road Cape Town, South Africa		
CONTRACT: 11 Oak Avenue Tel: 021 770 5000 Fax: 021 770 5001 101 Main Road Cape Town, South Africa		
REVISIONS: NO. DATE ISSUE SCALE BY 0 04/02/11 1 1:1000 J.B.		
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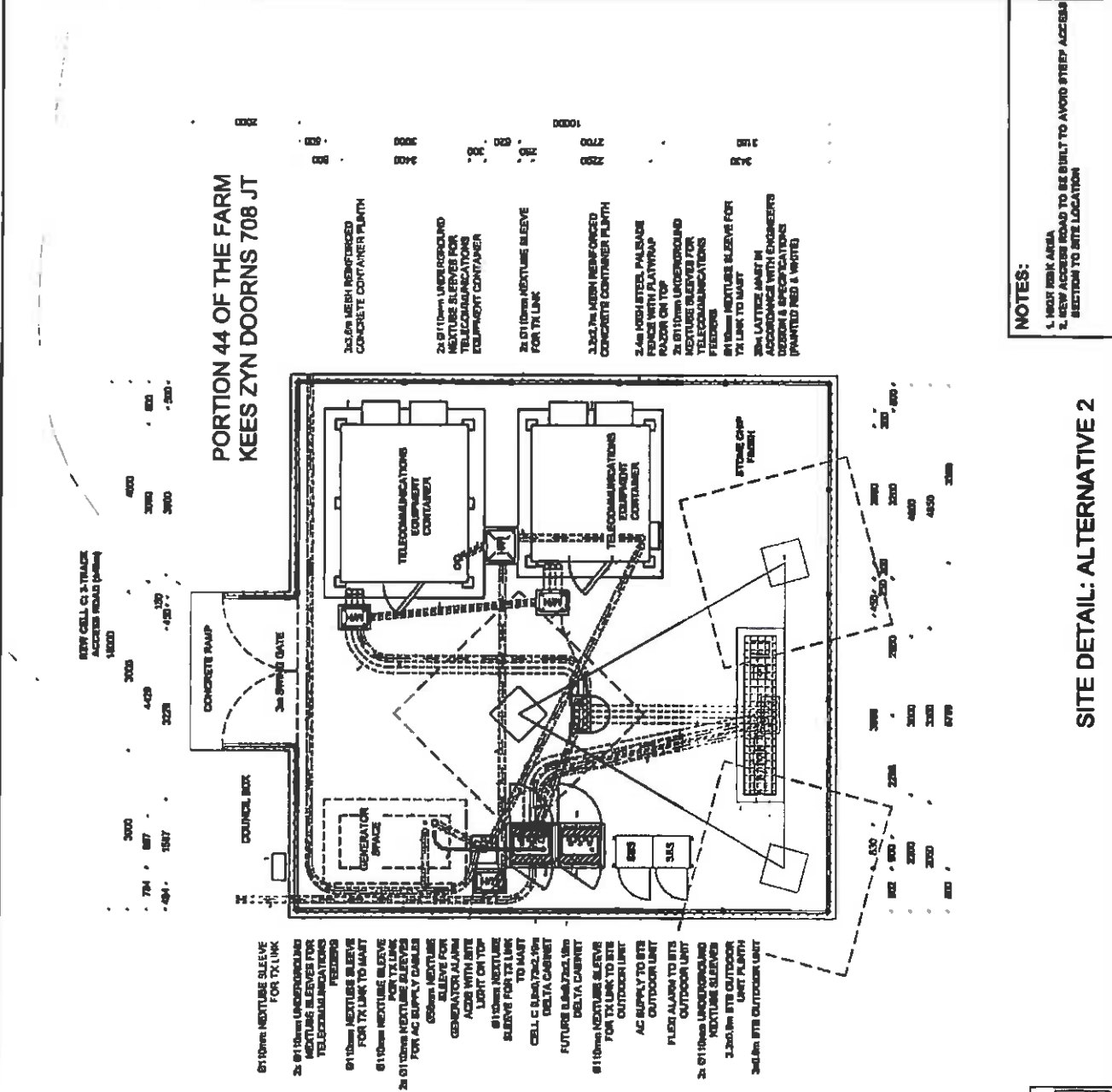
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NO.	DATE	DESCRIPTION
1		
2		
PROBLEMS: NEW TELECOMMUNICATION BASESTATION WITH A 30m MAST FOR CELL C (PTY) LTD		
PROPERTY DESCRIPTION: PORTION 44 OF THE FARM REEZ 27M DOORS 708 JT		
OWNER: MOUNTAIN VIEW INVESTMENTS (PTY) LTD		
COORDINATES: LAT: -26.822222° S LONG: 28.400000° E		
APPROVALS: CELL C RF PLANNER: Signature: _____ Date: _____		
CELL C IMPLEMENTATION: Signature: _____ Date: _____		
CELL C FINAL BETRAYE CO-ORDINATOR: Signature: _____ Date: _____		
CELL C ENGINEER: Name: _____ Signature: _____ Number: _____		
 <p>CELLO THE POWER IS IN YOUR HANDS</p>		
Nokia Siemens Networks 67 Dik Avenue Highveld Techno Park Centurion, Pretoria		
 <p>TORHOUSE ENGINEERING P.O. Box 20017 474 Niles Street Toll Free: 0800 100 000 Tel: 011 462 1000 Fax: 011 462 1001 www.torhouse.co.za</p>		
REVISION: SHEET NO: ISSUE: SCALE: 1:1000 0 1 OF 11 1		
SITE: SITE NAME AND ADDRESS: REEZ 27M DOORS CORNER OF LUTE MERGELY AND CONSERVATORY OFF R201 (DRAKENS-BELMONT) MPMALANJA		



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NO	DATE	DESCRIPTION
0	01/25/2011	PILOT ISSUE
PROPERTY: NEW TELECOMMUNICATION BASISTATION WITH A 3m MAST FOR CELL C (PTTY) LTD		
DRAWN BY: JAMIE STEVEN PROPERTY DESCRIPTION: PORTION 44 OF THE FARM REES ZYN DOORNS 708 JT		
CURRENT: MOUNTAIN VIEW INVESTMENTS (PTY) LTD		
COORDINATES: LAT : 30.822087° S LONG : 30.82004° E		
APPROVALS: CELL C RF PLANNER Signature: _____ Date: _____ CELL C INFILTRATION: Signature: _____ Date: _____ CELL C REAL ESTATE CO-ORDINATOR: Signature: _____ Date: _____ CELL C ENGINEER: Name: _____ Signature: _____ Number: _____		
 THE POWER IS IN YOUR HANDS 10001 Dink Rd Mobile Office Park 4000 Highway 90A Jacksonville, Florida 32256 Tel: +1 (904) 264-4928 Fax: +1 (904) 264-4929 Website: www.cello.com		
 Nokia Siemens Networks 65 Oak Avenue Highgate Village Park Columbus, Florida Tel: +1 (813) 871-2600		
 TORHOUSE SOLUTIONS 404 Broward Avenue Tel: +1 (754) 381-1800 Fax: +1 (754) 381-1809 Email: info@torhousesolutions.com Website: www.torhousesolutions.com		
REVISIONS: SHEET NO: 1 ISSUE: 1 SCALE: 1:75 DATE: 01/25/2011		



PORTION 44 OF THE FARM REES ZYN DOORNS 708 JT

NOTES:

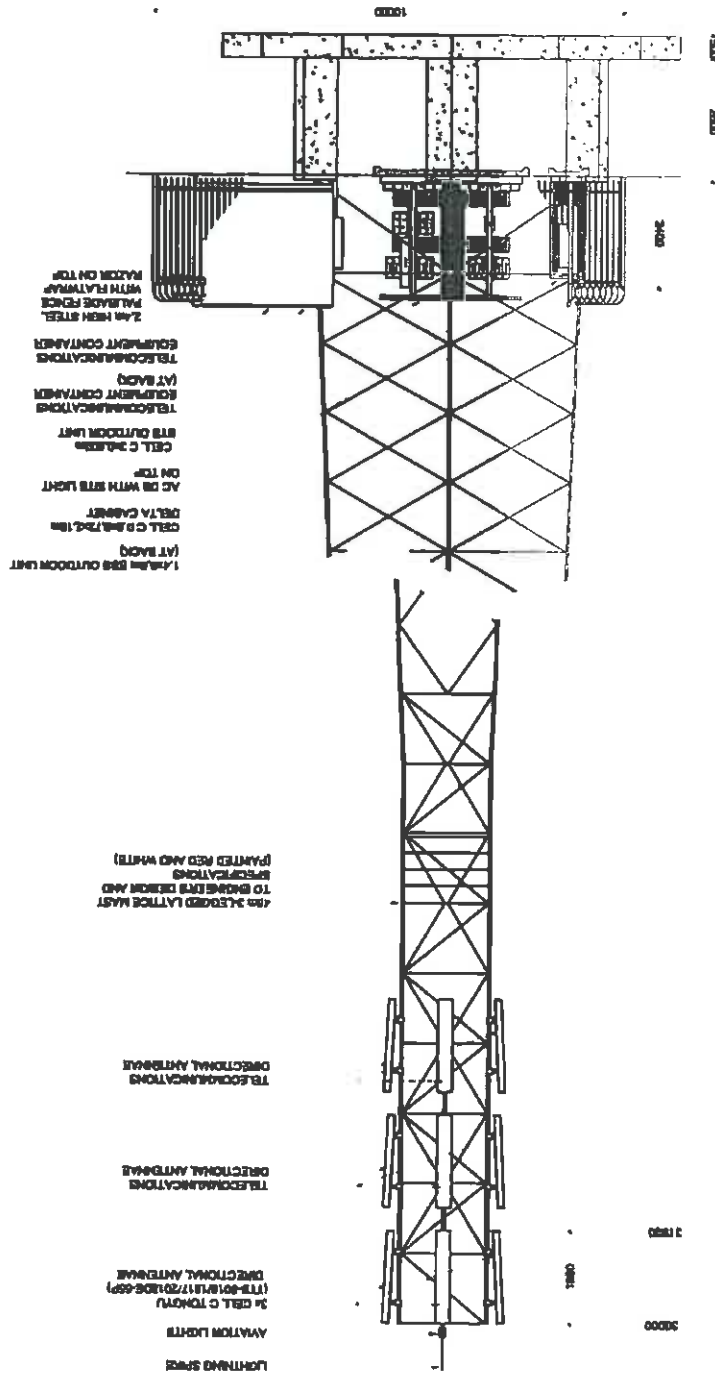
1. NEW RISK AREA
2. NEW ACCESS ROAD TO BE BUILT TO AVOID STREET ACCESS SECTION TO SITE LOCATION

SITE DETAIL: ALTERNATIVE 2

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CELL C ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (ft)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (ft)
1	0°	TOKYOYU (TTD-80181817201802-65P)	31			7/8"	2.38
2	120°	TOKYOYU (TTD-80181817201802-65P)	31			7/8"	2.38
3	240°	TOKYOYU (TTD-80181817201802-65P)	31			7/8"	2.38

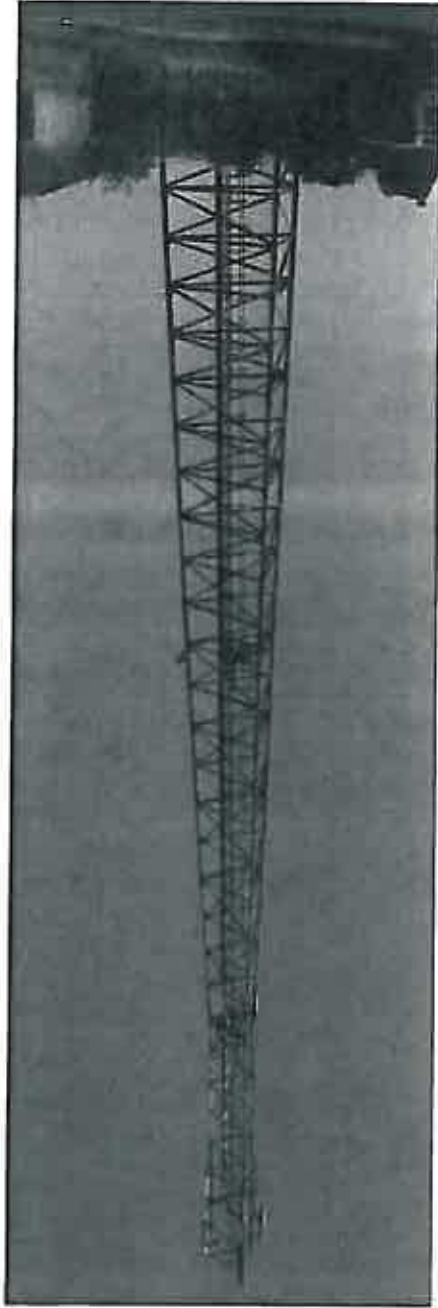


SOUTH ELEVATION: ALTERNATIVE 2

NO.	DATE	DESCRIPTION
0	01/10/2011	PRINT ISSUE
<p>PROJECT: NEW TELECOMMUNICATION INFRASTRUCTURE WITH A 30m MAST FOR CELL C (PT) LTD</p> <p>DRAWN BY: JAMIE STEYN PROPERTY DESCRIPTION: PORTION 41 OF THE FARM NEED 27N 6000M² JT</p> <p>CARRIER: MOUNTAIN VIEW INVESTMENTS (PTY) LTD</p> <p>COORDINATES: LAT : 32.82000° S LONG : 30.80000° E</p> <p>APPROVALS:</p> <p>CELL C RF PLANNER: Signature: _____ Date: _____</p> <p>CELL C RFP ELEMENTATOR: Signature: _____ Date: _____</p> <p>CELL C REAL ESTATE CO-ORDINATOR: Signature: _____ Date: _____</p> <p>CELL C ENGINEER: Name: _____ Signature: _____ Number: _____</p>		
<p>CELLO THE POWER IS IN YOUR HANDS</p> <p>Mobile Office: P.O. Box 1170, 1010 10th Avenue, Johannesburg, South Africa Tel: +27 (0) 11 554 4880 Fax: +27 (0) 11 554 4881 www.cello.co.za</p> <p>Notia Siemens Networks 12 Oak Avenue, Highveld Techno Park, Conchaire, Pretoria, 0001 Tel: +27 (0) 11 660 2000</p>		
<p>TORHOUSE SOLUTIONS 4-4 Shaba Road, 1st Floor, 1010 10th Avenue, Johannesburg, South Africa Tel: +27 (0) 11 554 4880 Fax: +27 (0) 11 554 4881 www.torhouse.co.za</p> <p>CONTRACT: SHEET NO: 10 OF 11 ISSUE: 1 SCALE: 1:1000</p> <p>DATE: 10/01/11 TIME: 11:00</p> <p>FOR TRADE AND ADDRESS: MESA 27N 6000M² PORTION 41 OF THE FARM NEED 27N 6000M² JT AND CONSERVATORY OFF R28 (BAND) PLANS-HELSPRUIT 11 IMPUNJALANGA</p>		

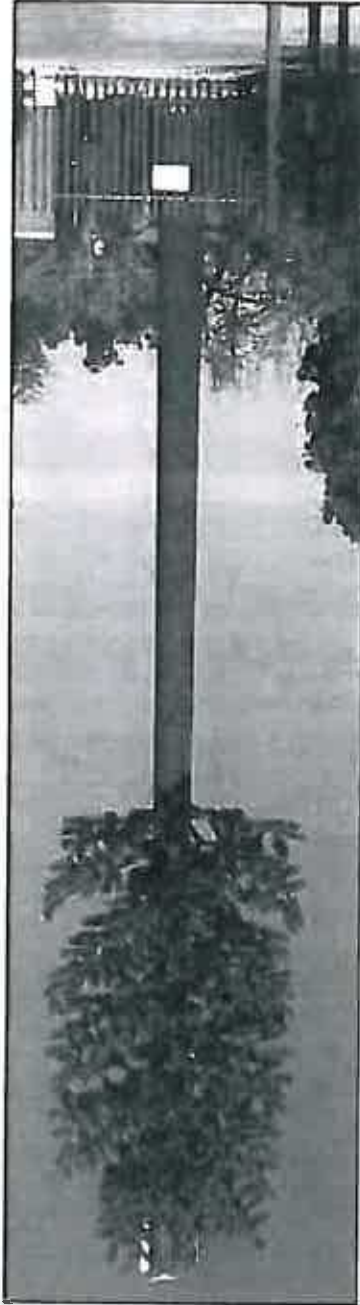
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ALTERNATIVE 2



TYPICAL LATTICE MAST
(GREEN)

ALTERNATIVE 1



TYPICAL TREE MAST

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THIS DRAWING HAS BEEN PREPARED ONLY FOR THE USE OF THE CLIENT AND IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. ALL WORK TO BE APPROVED ACCORDING TO LATEST CODES AND STANDARDS. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED BY HIMSELF OR HIS FIRM.

NO	DATE	DESCRIPTION
0	01/12/2011	FIRST ISSUE
<p>PROJECT: NEW TELECOMMUNICATION INSTALLATION W/PA 30M MAST FOR CELL EQUIPMENT</p> <p>DRAWN BY: JAMIE STEIN PROJECT ENGINEER POSITION AT OF THE FIRM: REEF 774 DOORING THE JT</p> <p>OWNER: MOUNTAIN VIEW INVESTMENTS (PTY) LTD</p> <p>COORDINATOR: LAT : 34.52222° S LONG : 30.52222° E</p> <p>APPROVALS: CELL C RF PLANNER Signature: _____ Date: _____</p> <p>CELL C DWP, ENLIGHTENED, Signature: _____ Date: _____</p> <p>CELL C REAL ESTATE CO-ORDINATOR Signature: _____ Date: _____</p> <p>CELL C ENGINEER Name: _____ Signature: _____ Number: _____</p> <p>CELLO™ THE POWER IS IN YOUR HANDS 12000 Old Hwy 101 Suite 100 San Diego, CA 92126 Tel: 619 444 4444 Fax: 619 444 4444 Email: info@cello.com</p> <p>Nokia Siemens Networks 41 Oak Avenue Highgate Village Park Clarendon, Pretoria South Africa Tel: 011 679 2000</p> <p>TORHOUSE SOLUTIONS 414 Middle Road Singapore Tel: 67 433 8888 Fax: 67 433 8888 Email: info@torhouse.com</p> <p>Consultant: TORHOUSE SOLUTIONS</p> <p>REVISIONS: ISSUE: SCALE: DATE: TIME</p> <p>0 11 OF 11 1 11:00</p> <p>DATE: 01/12/2011 SITE: REEF 774 DOORING THE JT DRAWN BY: JAMIE STEIN CHECKED BY: LYLE MURPHY PROJECT ENGINEER OFF R301 (R301) AS-SET (SPRINT) MPJ/AL/ACA</p>		

FACILITY ILLUSTRATION

**REGISTERED LETTER
GEREGISTREERDE BRIEF**

4868



(with an insurance option/met 'n versekeringsopsie)

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

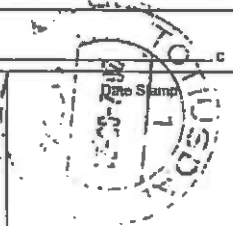
Full tracking and tracing/Volledige volg en spoor

Addressed to/Gestreeks aan
 South African Heritage
 Resources Agency
 PO Box 4637
 Cape Town 8000 Postcode/Poskode

Insured value of contents
 Versakerde 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 unregistered letters only.

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

At the Post and Transport
REGISTERED LETTER
 with a domestic insurance option
 (Met 'n domestiese versekeringsopsie)
 (Toll-free 0800 111 502 everywhere in SA)
RD 748 007 112 ZA
CUSTOMER COPY 381022R

Paraal van
 aanseem-
 beempte

Datumstempel



INFRASTRUCTURE PLANNING SERVICES

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

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

Our Reference:
9868 / 17/2/3/GS-105

Your Reference:

22 May 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 (BB), (CC), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT.

We are acting on behalf of Cell C (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on Portion 44 of the Farm Kees Zyn Doorns 708 JT.

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,

PP 

Monica Niehof
For: Vukani IPS Inc.

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/23/GS-105

Regulation 546 activity 3 (a) & (b) : (a) II (bb), (cc), (ee) and (gg) : Establishment of an enclosed telecommunication base station with a 30m mast for Cell C (Pty) Ltd: 9868 Kees Zyn Doorns

Location: Portion 44 of the farm Kees Zyn Doorns 708 JT

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

Alternative 1: Latitude: 25° 55' 20.62" S Longitude: 30° 36' 10.81" E

Tree type mast

Alternative 2: Latitude: 25° 55' 20.62" S Longitude: 30° 36' 10.81" E

Lattice type mast painted green

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

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

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of 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, Tollusdal, 0134
Attention: Monica Niehof
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 May 2012

UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/23/GS-105

Umnyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) II (bb), (cc), (ee) and (gg) : Isakhiwo esiyisizinda sezokuxhumana ngochingo esivalekile se-Cell C (Pty) Ltd ene-mast engama-30mm kanye nendawo (nezindawo) yokubeka impahla: 9868 Kees Zyn Doorns

Indawo: Portion 44 of the farm Kees Zyn Doorns 708 JT

Ezinye izindawo zazizinda ezihlukile ezifana nalesi esingenhla (WGS84 isimo sokwahltheka):

Esihlukele 1: Ububanzi: 25° 55' 20.62" S Ubude: 30° 36' 10.81" E

Induku yohlobo lwehlahla

Ububanzi: 25° 55' 20.62" S

Esihlukele 2: Induku ye-lattice epandwe ngokutuhlaza

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

Izinqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelelana nemiyalelo yomthetho 365 bese kufakwa isicelo eMnyangweni Wezolimo, Ukunakelwa kanye neZemvelo WaseMpumalanga.

Umenzi wesicelo uhlose futhi ukwenza isicelo kuMnyango Wezolimo waseMpumalanga, Uluondolozwa Kwamagugu Nezemvelo ukuze akhulakwe ngokwemibandela yomthetho 50(1) wemithetho Yokuhlola Kokuthinteka Kwemvelo ka-2010(R543)ukuze ahlolwe ezinye izindlela zokuqhubeka nomsebenzi ohleliwa.

Umuntu ofaka isicelo:
Cell C (Pty) Ltd, Private Bag X36, Benmore, 2010.

Isisebenzi Esihlola Ezemvelo (Environmental Assessment Practitioner (EAP)):
Infrastructure Planning Services Inc., P.O. Box 32017, Tollusdal, 0134
Kupondiswa ku- Monica Niehof
Ucingo: (012) 804 1504/6, ifeksi: (012) 804 7072,
I-e-meyili: admin@infraplan.co.za

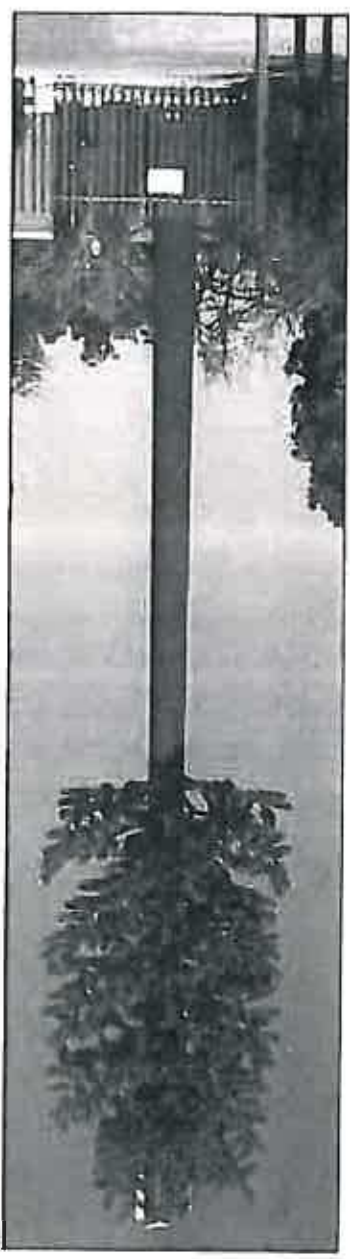
Omnye utwazi maqondana nalo msebenzi ohlongozwayo lungatholakala ku-EAP.

Nanoma ubani omunye othandayo nohintekayo, ngokubhala, mackenze isilalimende ngomsebenzi ohlongozwayo noma isicelo sokubhaliswa njengomuntu onohando noma othintekayo, ngokuthi alicho isilalimende esibhalwa noma isicelo sokubhalisa, namagama abo, lthethi lendawo nleposi (kufakwe ifeksi ne-e-meyili uma kunokwenzeka) kanye nezombobo zokubhinta futhi bazho nenombolo yerferensi yomsebenzi, ku-EAP ezimukwini zakhalanda ezingama-30 kusukela ekushicilelweni kwalesi saziso.

Usuku lokushicilelwa kweSaziso: 22 May 2012



ALTERNATIVE 2
TYPICAL LATTICE MAST
(GREEN)




ALTERNATIVE 1
TYPICAL TREE MAST


FACILITY ILLUSTRATION

NO	DATE	DESCRIPTION
1	01/12/2011	FIRST ISSUE
<p>PROJECT:</p> <p>NEW TELECOMMUNICATION INFRASTRUCTURE WITH A NEW MAST FOR CELLO (PTY) LTD</p> <p>DRAGON BY JARRE EYEN</p> <p>PROVIDING TELEPHONE</p> <p>PORTION 44 OF THE FARM</p> <p>KIES ZYN BOORNS 706 JC</p> <p>TOWN:</p> <p>MOUNTAIN VIEW INVESTMENTS (PTY) LTD</p> <p>COORDINATES:</p> <p>LAT: -35 322957 S</p> <p>LONG: 30 000047 E</p>		
<p>CELL C RF PLANNER:</p> <p>Signature: _____</p> <p>Date: _____</p>		
<p>APPROVALS:</p>		
<p>CELL C IMPLEMENTATION:</p> <p>Signature: _____</p> <p>Date: _____</p>		
<p>CELL C REAL ESTATE COORDINATOR:</p> <p>Signature: _____</p> <p>Date: _____</p>		
<p>CELL C ENGINEER:</p> <p>Name: _____</p> <p>Signature: _____</p> <p>Number: _____</p>		
<p>CELLO THE POWER IS IN YOUR HANDS</p> <p>Mobile Office: P.O. Box 100, 1000 1000, 1000, 1000 Tel: +27 (0) 11 234 2000 Fax: +27 (0) 11 234 2001</p> <p>Private Office: P.O. Box 100, 1000 1000, 1000, 1000 Tel: +27 (0) 11 234 2000 Fax: +27 (0) 11 234 2001</p> <p>Nokia Siemens Networks</p> <p>12 Oak Avenue Cape Town, South Africa 7081</p> <p>Consultant:</p>		
<p>TORHOUSE SOLUTIONS</p> <p>411, Ruyter Road, Tel: +27 (0) 21 954 1500 P.O. Box 22077, Cape Town, South Africa Tel: +27 (0) 21 954 1500 Fax: +27 (0) 21 954 1501</p>		
REVISION:	SHEET NO:	ISSUE:
0	11 OF 14	1
<p>SCALE: 1:1000</p>		
<p>SHEET NO:</p> <p>DATE MADE AND ADDRESS:</p> <p>KIES ZYN BOORNS</p> <p>PORTION 44 OF THE FARM</p> <p>AND CONSERVATORY,</p> <p>OFF FARM BRACKEN, MARGARET BOER, 611</p> <p>MRUJAL, MGR</p>		

Sticity Company Confidential

THIS DOCUMENT IS THE PROPERTY OF STICITY COMPANY. IT IS TO BE USED ONLY FOR THE PROJECT AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF STICITY COMPANY, NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

 REGISTERED LETTER GEREGISTREERDE BRIEF <i>(with an insurance option/met 'n versakeringsoptie)</i>		91668 Post Office	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 Ndawanda Community Trust P.O. Box 1862 Elukhailini Postcode 11193		Insured value of contents Versekerde waarde van inhoud R _____ C Initial of accepting officer Datumstempel	Enquiries/Navrae Toll-free number Telvry nommer 0800 111 502 Airfax Track and Trace REGISTERED LETTER <small>(with an insurance option)</small> RD 748 007 214 ZA CUSTOMER COPY 301028R Paraal van aanvaem-beaampie
<small>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.</small> <small>The waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorwaardelike oortruiging ontvang is. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs toelaatbaar op binnelandse geregistreerde briewe wat terugstuur.</small>		Date Stamp Datumstempel	Insured value of contents Versekerde waarde van inhoud R _____ C

 REGISTERED LETTER GEREGISTREERDE BRIEF <i>(with an insurance option/met 'n versakeringsoptie)</i>		91668 Post Office	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 Ndawanda Community Trust P.O. Box 1862 Elukhailini Postcode 11193		Insured value of contents Versekerde waarde van inhoud R _____ C Initial of accepting officer Datumstempel	Enquiries/Navrae Toll-free number Telvry nommer 0800 111 502 Airfax Track and Trace REGISTERED LETTER <small>(with an insurance option)</small> RD 748 007 214 ZA CUSTOMER COPY 301028R Paraal van aanvaem-beaampie
<small>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.</small> <small>The waarde van die inhoud van hierdie brief is soos aangedui en vergoeding sal nie betaal word vir 'n brief wat sonder voorwaardelike oortruiging ontvang is. Vergoeding is beperk tot R100.00. Geen vergoeding is sonder dokumentêre bewys betaalbaar nie. Opsionele versekering tot R2 000.00 is beskikbaar en is slegs toelaatbaar op binnelandse geregistreerde briewe wat terugstuur.</small>		Date Stamp Datumstempel	Insured value of contents Versekerde waarde van inhoud R _____ C



INFRASTRUCTURE PLANNING SERVICES

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

Reg. No. 2001/014235/21
Tel. (012) 804 1604/6
Fax (012) 804 7072

Our Reference:
9868 / 17/2/3/GS-105

Your Reference:

22 May 2012

Owner Portion 30, 34, 36, 38 & 43 of the farm Kees Zyn Doorns JT
Mountain View Investments (Pty) Ltd
P.O Box 249
EMANZA
1190

Dear Sir / Madam

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 546: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT.

We are acting on behalf of Cell C (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on Portion 44 of the Farm Kees Zyn Doorns 708 JT.

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,

pp 

Monica Niehof
For: Vukani IPS Inc.

Directors: KW Anholts; GA Anholts

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/23/GS-105

Regulation 546 activity 3 (a) & (b) : (a) II (bb), (cc), (ea) and (gg) : Establishment of an enclosed telecommunication base station with a 30m mast for Cell C (Pty) Ltd: 9868 Kees Zyn Doorns

Location: Portion 44 of the farm Kees Zyn Doorns 708 JT

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

Alternative 1: Latitude: 26° 55' 20.62"S Longitude: 30° 36' 10.81" E

Tree type mast

Alternative 2: Latitude: 25° 55' 20.62"S Longitude: 30° 36' 10.81" E

Lattice type mast painted green

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

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of 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: Monica Niehof
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 May 2012

UHLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/23/GS-105

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) II (bb), (cc), (ee) and (gg) : Isakhiwo esiyisizinda sezokuzhumana ngocingo esivalekile se-Cell C (Pty) Ltd ene-mast engama-30mm kanye nendawo (nezindawo) yokubeka impahla: 9868 Kees Zyn Doorns

Indawo: Portion 44 of the farm Kees Zyn Doorns 708 JT

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

Esihlukile 1: Ububanzi: 26° 55' 20.62"S Ubude: 30° 36' 10.81" E

Induku yohlobo lwesihlahla

Ububanzi: 25° 55' 20.62"S Ubude: 30° 36' 10.81" E

Induku ye-lattice ependwe ngokuhlazisa

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

Izinqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelela nemiyaletso yomithetho 365 bese kufakwa isicelo eMinyangweni Wezolimo, Ukunakelwa Kanye neZemvelo WaseMpumalanga.

Umenzi wesicelo uhlose futhi ukwenza isicelo kuMnyango Wezolimo waseMpumalanga, Uluhlonololwazi Kwamagugu Nezemvelo ukuze ekhululwe ngokwemibandela yomthetho 50(1) weMithetho Yokuhlola Kwemvelo Kuzwelonke ka-2010(R543)ukuza ahlole ezinye izindlela zokuqhubeka nomsebenzi ohleliwe.

Umuntu ofanele isicelo:
Cell C (Pty) Ltd, Private Bag X36, Benmore, 2010.

Isisebenzi Esihlele Ezemvelo (Environmental Assessment Practitioner (EAP)):
Infrastructure Planning Services Inc., P.O. Box 32017, Totiusdal, 0134
Kuqondiswa ku- Monica Niehof
Ucingo: (012) 804 1504/6, Ifekesi: (012) 804 7072,
i-e-meyili: admin@infraplan.co.za

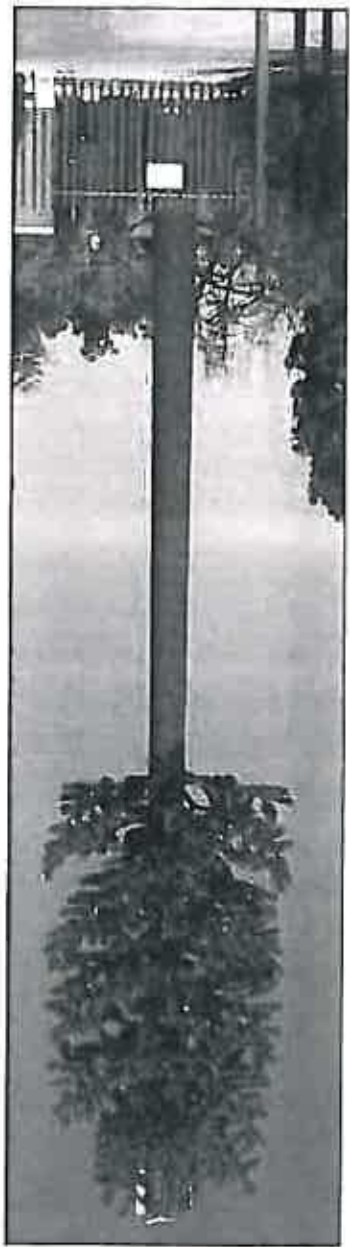
Olunye uhlelo lomsebenzi olungozwayo lungatholokela ku-EAP.

Nanoma ubani omunye othandayo nothintekayo, ngokubhala, makhwenza isilathimende ngomsebenzi ohlongozwayo noma isicelo sokubhaliswa ngegomuntu onoluhlobo noma othintekayo, ngokuthi aqhubeke isilathimende esibhaliswe noma isicelo sokubhalisa, namagama abo, kufanele lendawo neleposi (kufakwa ifekesi ne-e-meyili uma kunokwenzeka) kanye nezinombolelo zokubhalisa futhi basho nenombolo yereferansi yomsebenzi. ku-EAP ezisusukwini zekhatende ezingama-30 kusukela ekushicilelweni kwalesi seziso.

Usuku lokushicilelwa kweSiziso: 22 May 2012



ALTERNATIVE 2
TYPICAL LATTICE MAST
(GREEN)



ALTERNATIVE 1
TYPICAL TREE MAST

FACILITY ILLUSTRATION

NO.	DATE	DESCRIPTION
0	01/12/2011	FIRST ISSUE

PROJECT:
NEW TELECOMMUNICATION SUBSTATION WITH A 30m MAST FOR CELL C (PTV) LTD

DRAWING: JAWHE STRY
PROPERTY DESCRIPTION:
PORTION 04 OF THE PARCEL WITH ZV/RES/04/01/01

OWNER:
MOUNTAIN VIEW INVESTMENTS (PTY) LTD

COORDINATES:
LAT: 28.522295° S
LONG: 30.68304° E

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
THE POWER IS IN YOUR HANDS
EST. 1984

Member Other Pwd: 74-27110 201 4200 Private Res 204
140 Howard Road Fax: 477 676 201 4087 2017
Midrand
Midrand

Nokia Siemens Networks
120000
Tel: 941 000 2000

TORBHOUSE SOLUTIONS
P.O. Box 2011
414 North Road
Midrand
Tel: 27 11 664 1022
Fax: 27 11 664 1023

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

CLIENT NAME AND ADDRESS:
KERR ZYN BOONERS
CRANLEAF LIFE NURSERY
AND CONSERVATORY
OFF THE ROAD, AAS-NEE (PUMPTI)
MIDRAND

Strictly Confidential
This drawing is the property of Torbhouse Solutions and is not to be used for any other purpose without the written consent of Torbhouse Solutions.
ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE SANS 10400 SERIES.
DATE: 12/11/2011 11:00:00 AM



INFRASTRUCTURE PLANNING SERVICES

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

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

Our Reference:
9868 / 17/2/3/GS-105

Your Reference:

22 May 2012

Owner Remaining Extent of Portion 9 of the farm 708 Kees Zyn Doorns JT
Ndwandwa Community Trust
P.O Box 1862

ELUKWATINI

1192

Dear Sir / Madam

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (BB), (CC), (EE) AND (GG) IN REGULATION 548: ESTABLISHMENT OF A CELL C (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT.

We are acting on behalf of Cell C (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on Portion 44 of the Farm Kees Zyn Doorns 708 JT.

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,

PP 

Monica Niehof
For: Vukani IPS Inc.

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3/GS-105

Regulation 546 activity 3 (a) & (b) : (a) II (bb), (cc), (ee) and (gg) : Establishment of an enclosed telecommunication base station with a 30m mast for Cell C (Pty) Ltd: 9868 Kees Zyn Doorns

Location: Portion 44 of the farm Kees Zyn Doorns 708 JT

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

Alternative 1: Latitude: 25° 55' 20.62"S Longitude: 30° 36' 10.81" E

Tree type mast

Alternative 2: Latitude: 25° 55' 20.62"S Longitude: 30° 36' 10.81" E

Lattice type mast painted green

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

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

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of 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, Tolluudal, 0134
Attention: Monica Niehof
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 May 2012

UHFLELO LOKUHLANGANYELA KOMPHEKATHI

INOMBOLO YEREFERENSI: 17/2/3/GS-105

Umyalelo womthetho 548 umsebenzi 3 (a) & (b) : (a) II (bb), (cc), (ee) and (gg) : Isakhiwo esiyizinda sezokuxhumana ngocingo esivalekile se-Cell C (Pty) Ltd ene-mast engama-30mm kanye nendawo (nezindawo) yokubeka impahla: 9868 Kees Zyn Doorns

Indawo: Portion 44 of the farm Kees Zyn Doorns 708 JT

Eziinye izindawo zezizinda ezihlukile ezifana nalezi esingenhla (WGS84 isimo sokwakheteka):

Esihluhluke 1: Ububanzi: 25° 55' 20.62"S Ubude: 30° 36' 10.81" E

Induku yohlobo lwesihlahla

Ububanzi: 25° 55' 20.62"S Ubude: 30° 36' 10.81" E

Induku ye- lattice epandwe ngokuluhlaza

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

Izingubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelela nemiyalelo yomthetho 365 bese kufakwa isicelo eMnyangweni Wezolimo, Ukunakelwa Kanye neZemvelo WaseMpumalanga.

Umenzi wesicelo uhlose futhi ukwenza isicelo kuMnyango Wezolimo waseMpumalanga, Ukulondolozwa Kwamagugu Nezemvelo ukuze akhululwe ngokwemibandela yomthetho 50(1) weMithetho Yokuhlola Kokuhinteka Kwemvelo ka-2010(R543)ukuze ahloke ezinye izindlela zokuqhubeka nomsebenzi ohleliwe.

Umuntu ofaka isicelo:

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

Isisebenzi Esihlole Ezemvelo (Environmental Assessment Practitioner (EAP)):
Infrastructure Planning Services Inc.
P.O. Box 32017, Tolluudal, 0134
Kuqondiswe ku- Monica Niehof
Uchango: (012) 804 1504/6, Ifeksi: (012) 804 7072,
I-e-meyili: admin@infraplan.co.za

Olunye uhwazi maqondara nalo msebenzi ohlongozwayo lungatholakala ku-EAP.

Nanoma ubani omunye othandayo nohintekayo, ngokubhala, makenze isilalimende ngomsebenzi ohlongozwayo noma isicelo sokubhaliswa njengomuntu onobandaka noma othintekayo, ngokuthi alethe isilalimende esibhalwe noma isicelo sokubhalisa, namagama abo, ikhadi lendawo nelsepori (kufakwa ifeksi ne-e-meyili uma kunokwenzeka) kanye nezombolo zokubhala futhi basho nenombolo yereferensi yomsebenzi, ku-EAP ezinsukwini zekhalenda ezingama-30 kusukela ekushicilelweni kwalesi saziso.

Usuku lokushicilelwa kweSaziso: 22 May 2012

G3: Proof of Newspaper Advertisement

Liggie skuts domineer Mpumalanga

Skuts van Ligbron Akademie vir Tegnologie het verlede naweek aan die vierde skietkompetisie in Middelburg deelgeneem.

Andrew Bekker ('n Senior skut) het algeheel eerste in Mpumalanga geëindig. Andrew was in die tweede plek tot voor die kompetisie, maar het 'n telling van 1454 uit 'n moontlike 1600 bereik, wat hom die voorsprong bo sy opponente besorg het. Ian Maree lê tans in die agtste posisie en Franco van Zyl in die elfde. Willem Breedt is tans dertiende en Chris Giliomee negentiende.

Tanja Marais, Izelda Kritzinger, PF Geldenhuys en Coenraad Wolmerhans het almal uitstekend gevorder en verbeter. Charles Giliomee domineer die o/13-groep en beklee nog die eerste plek.

Tydens die kompetisie het Charles 1283 uit 'n moontlike 1600 punte geskiet, 100 punte bo die tweede plek.

Die volgende skiet kompetisie vind plaas op die naweek van 25 en 26 Mei, in Nelspruit. Inligting geplaas soos van skool ontvang. *MS*

Victor Matfield by LAA Wintersport Dinee

Die Ligbron Alumni Assosiasie hou weereens hul jaarlikse Wintersport Dinee op Vrydagaand, 1 Junie 2012. Die geleentheid vind plaas op die vooraand van die Ligbron - EHS Wintersport Derby. Vanjaar se gaspreker wat al vir 'n geruime tydperk as 'n geheim bestempel word, word nou finaal onthul. Die gaspreker sal die welbekende en elke rugby liefhebber se droom gaspreker, Victor Matfield wees. Die kaartjies kan nou reeds by Ligbron Akademie vir Tegnologie se algemene kantoor verkry word, teen R1200 per tafel waar agt mense kan sit. Die koste per persoon beloop R150. Daar is slegs beperkte tafels beskikbaar en belangstellers word aangeraai om so gou moontlik hul tafels te bespreek. Met die aankondiging van Victor wat as gaspreker sal optree het die kaartjies reeds soos soet koek verkoop. Om teurstelling te voorkom, maak vandag al 'n draai by Ligbron se algehele kantoor om jou sitplek by die glansgeleentheid te verseker. Vir meer inligting kontak Jan Botha by 083 448 3797. *MS*



Victor Matfield gaan as gaspreker by die Ligbron Alumni Assosiasie se Wintersport Dinee optree.

Ermeloërs spin vir kanker

Die Errie Biokinetika Sentrum het op Saterdag, 19 Mei 'n Spinning- en Zumba-marathon, ten bate van Kanker, aangebied.

Verskeie deelnemers, asook twee gestremde deelnemers Anton Franken en René Vermaak, het aan die Spinning en Zumba deelgeneem. Vir die eerste twee ure het almal by die Spinning geswoeg en gesweet. Daarna was die dag vir die 'spinners' agter die rug, nadat vier instrueteurs om die beurt die spinners gelei het. Die Zumba-deelnem-

ers het twee instrueteurs (een van Volkstrust) gehad wat mekaar afgewissel het. Die sentrum sê dankie vir die instrueteurs wat behulpsaam was tydens die dag. Die Errie Biokinetika Sentrum bedank diegene wat wel belanggestel het om deel van die dag te wees, vir hulle deelname.

Fondse wat ingesamel is asook donasies, sal binnekort aan die Misha-groep wat werksaam is met kanker pasiënte in Ermelo, oorhandig word. *AS*



Hier spin Anton Franken (links) en René Vermaak saam met die groep 'spinners' vir Kanker.

Notice - Sleepers Rest pool competitions

The Sleepers Rest Currie Cup Pool competition is coming up soon. Five teams can be entered, Blue Bulls, Cheetahs, Lions, Sharks and Stormers and only five players per team may enter (two pool league players are allowed per team). The competition rules will be eight ball pool rules. Entry fee will be R30 per player. Sleepers Rest will also be hosting a Business League for the local businesses. Teams may consist of

maximum five players per team (two league players are allowed per team). The competition rules will be eight ball pool rules. Entry fee will be R200 per team. Entries can be made by Robert (Barman) at Sleepers Rest. If any businesses would like to sponsor these upcoming competitions or if anyone would like any further information contact Cobus at 082 508 5404 or 017 811 6179, or Tinus at 083 453 7931.

MSUKALIGWA MUNICIPALITY INVITATIONS TO BID

Tender No.	Project Description	Tender Documents Availability	Compulsory Briefing Session Date and Time	Tender Submission Closing Date and Time	Technical Enquiries-Consulting Engineers
ENG9/2012	Supply, Delivery, Installation, Testing & Commissioning of electrical infrastructure to reticulate 265 households in Msukaligwa	21 May 2012	28 May 2012 at 14h00	08 June 2012 at 12h00	ENE Consultant Solution Mr M. Thabethe 082 890 8633
ENG10/2012	Supply, Delivery, Installation, Testing & Commissioning of electrical infrastructure to reticulate 305 households in Msukaligwa	21 May 2012	28 May 2012 at 14h00	08 June 2012 at 12h00	Imisebe Consultant Electrical Engineer Mr M. T.S Zulu 073 096 9222
C& H 1/2012	Development proposal of erf 219/268 for business development	-	-	08 June 2012 at 12h00	-
	Request for proposal for professional services for Revenue and debt management.	-	-	08 June 2012 at 12h00	-
	Request for proposals for professional services on GRAP standards implementation	-	-	08 June 2012 at 12h00	-

The venue for all the compulsory briefing sessions will be Msukaligwa Municipality Offices, c/o Kerk & Taute Street – Ermelo at the above mentioned dates and times.

For enquiries relating to the issue of these documents and administrative matters contact Ms. A. Swart, tel. no. 017 801 3601 from Msukaligwa Municipality.

Addressed to: The Municipal Manager, P.O. Box 48, Ermelo 2350
Or placed in the bid box at the Msukaligwa Civic Centre will be received until 12h00 on the closing date. The lowest or any of the bids will not necessarily be accepted and Council reserves the right not to accept a bid either wholly or in part. Evaluation of tenders will be according to Council's Procurement Policy

Mr. T.B.W. Dlamini, Municipal Manager

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3/GS-105

Regulation 546 activity 3 (a) & (b) : (a) ii (bb), (cc), (ee) and (gg) : Establishment of an enclosed telecommunication base station with a 30m mast for Cell C (Pty) Ltd: **9868 Kees Zyn Doorns**

Location: **Portion 44 of the farm Kees Zyn Doorns 708 T**

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

**Alternative 1: Latitude: 25° 55' 20.62" S Longitude: 30° 36' 10.81" E
Tree type mast**
**Alternative 2: Latitude: 25° 55' 20.62" S Longitude: 30° 36' 10.81" E
Lattice type mast painted green**

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

The applicant furthermore intends to apply to the Mpumalanga Department of Economic Development, Environment and Tourism for exemption in terms of 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.
Attention: Monica Niehof
P.O. Box 32017, Totiusdal, 0134
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 May 2012**

G4: Register of I&APs

Interested & Affected Parties Register / Comments and Responses Report

Site number: 9868
 Site Name: Kees Zyn Doorns
 EIA reference no.: 17/2/3/GS - 105

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	22/05/2012	The Municipal Manager	PO Box 24, Carolina 1185	Mr. V.N. Mpila, Environmental Management Section Tel: (017) 843 4000 Fax: (017) 843 4001 Email: mm@albertluthuli.gov.za	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.
2	22/05/2012	The Ward Councillor	PO Box 24, Carolina 1185	Cir. C. Diamini (Ward 21) Tel: (017) 843 4000 Fax: (017) 843 4001 Email: mm@albertluthuli.gov.za	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.
3	22/05/2012	The District Municipality	PO Box 1748, Ermelo 2350	Mr. A. Ngcobo Environmental Management Section, Fax: (017) 811 1207	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.
4	22/05/2012	South African Heritage Resources Agency (SAHRA)	PO Box 4637, Cape Town, 8000	Mr. Phillip Hine / Mrs. Colette Scheermeyer Tel: (021) 462 4502 Fax: (021) 462 4509 Email: phine@sahra.org.za	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.
5	23/02/2012	South African Civil Aviation Authority (SACAA)	Private Bag X73, Halfway House 1685	Tel: (011) 545 1000 Fax: (011) 545 1451	NA	Auto I&AP	No approval received yet	Submitted application
6	17/04/2012	Land owner: Mountain View Investments (Pty) Ltd,	PO Box 249, Badplaas 1190	Mr. Danie Fredrick Cell: 084 444 5444	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.
7	17/04/2012	Mpumalanga Tourism and Parks Agency (MTPA)	Private Bag X11338, Nelspruit, 1200	Kholofelo Tel: (013) 759 5300 Fax: (013) 755 4014	NA	Auto I&AP	No comments received	No comments were received on the Draft Basic Assessment Report. A Final Basic Assessment Report was sent.

G5: Information in support of Exemption



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

Tel. (012) 804 1504/6

Fax (012) 804 7072

Our Reference:
9868 Kees Zyn Doorns

Your Reference:
17/2/3/ GS-105

11 June 2012

Mpumalanga Department of Economic Development,
Environment & Tourism
Gert Sibande District
13 de Jager Street
Ermelo
2350

Attention: Surgeon Marebane / Bheki Mndawe

Mobile Number: **072 814 5409**

Email: bemndawe@mpg.gov.za

Dear Sir,

MOTIVATION FOR EXEMPTION FROM ASSESSING ALTERNATIVE SITES 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 PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT

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

Motivation:

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

The 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:

Directors: KW Anholts; GA Anholts

The specific site requirements needed by, Cell C are:

- Physical space for two sets of antennae, two microwave dishes and 14 feeder cables;
- Wind load capacity for above mentioned equipment;
- Minimum height of 30m; 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 impacts as the proposed site as they have similar environmental features and qualities i.e. biological sensitivity, viewpoints and physical incline.
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:

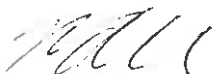
The proposed design of the activity is a 30m high tree type telecommunication mast. The 30m height is required to reach the network coverage on the Cell C network. A tree type mast is the most feasible option due to the best blending capability of the mast with the surrounding area. A lattice type mast is also feasible, however have a higher visual impact than a tree type mast.

(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 feasible alternatives available to replace electrical power supply.
- Noise generation by air conditioning units and by backup generator if electricity supply fails: The air conditioning units and backup generator operate at very low and well accepted noise levels. There are no feasible alternatives to replace the air conditioning units or the backup generator.
- Non-ionising electromagnetic fields on allocated frequency: The electromagnetic fields are well below the accepted level to prevent any damage to living organisms (within International Commission on Non-ionising Radiation Protection, ICNIRP, and World Health Organisation, WHO, guidelines) and are restricted within the allocated frequency. There are no feasible alternatives to obtain the required network coverage within the allocated frequency.
- Increase in potential air traffic obstacles: Lower mast options are not feasible alternatives to reach the required network coverage as this would require multiple mast applications to reach the same network coverage with increased environmental impact on the footprint area of several masts as well as increased visual impact on each separate mast development.
- Visual impact of the 30m tree type mast and lattice type mast painted green on short, medium and long distance observation: Other design, height or colour alternatives are not feasible as prescribed above.

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

Kind Regards,



MC Niehof

For: Vukani IPS Inc.

Addendum A1: Proof of submission of Draft BAR to I&APs



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

Tel. (012) 804 1504/6

Fax (012) 804 7072

Our Reference:
9868 Kees Zyn Doorns

Your Reference:
17/2/3/ GS-105

11 June 2012

Mpumalanga Tourism and Parks Agency
Private Bag 11338
Nelspruit
1200

Attention: Kholofelo

Per Registered Mail

Dear Sir,

DRAFT BASIC ASSESSMENT REPORT FOR AN APPLICATION 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 PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT

Kindly receive the draft Basic Assessment Report for the above mentioned application.

We request you to evaluate the attached report on the proposed project and provide us and the Mpumalanga Department of Economic Development, Environment and Tourism, with your written comments and / or inputs, if any by faxing or e-mailing such within 40 days from the date of this letter. It will be assumed that you do not have any comments on the Basic Assessment Report of the proposed project on the expiry of the 40 day response period.

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

Kind Regards,

Monica Niehof

For: Vukani IPS inc.

Comments:

Directors: KW Anholts; GA Anholts



INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated

Reg. No. 2001/014235/21

414 Rustic Road, Silvertondale, 0184

Tel. (012) 804 1504/6

PO Box 32017, Totiusdal, 0134

Fax (012) 804 7072

e-mail: admin@infraplan.co.za

Our Reference:
9868 Kees Zyn Doorns

Your Reference:
17/2/3/ GS-105

11 June 2012

Albert Luthuli Local Municipality
PO Box 24
Carolina
1185

Attention: Mr. V.N. Mpila
Environmental Management Section

Per Registered Mail

Dear Sir,

DRAFT BASIC ASSESSMENT REPORT FOR AN APPLICATION 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 PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT

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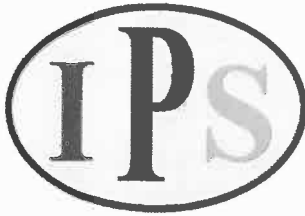
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Kind Regards,

Monica Niehof
For: Vukani IPS inc.

Comments:

Directors: KW Anholts; GA Anholts



INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated

Reg. No. 2001/014235/21

414 Rustic Road, Silvertondale, 0184

Tel. (012) 804 1504/6

PO Box 32017, Totiusdal, 0134

Fax (012) 804 7072

e-mail: admin@infraplan.co.za

Our Reference:
9868 Kees Zyn Doorns

Your Reference:
17/2/3/ GS-105

11 June 2012

Albert Luthuli Local Municipality
PO Box 24
Carolina
1185

Attention: Clr. C. Dlamini
Ward 21

Per Registered Mail

Dear Sir / Madam,

DRAFT BASIC ASSESSMENT REPORT FOR AN APPLICATION 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 PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT

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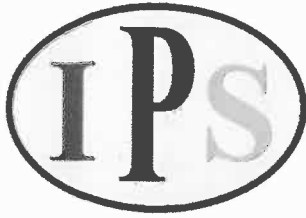
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

Monica Niehof
For: Vukani IPS inc.

Comments:

Directors: KW Anholts; GA Anholts



INFRASTRUCTURE PLANNING SERVICES

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Tel. (012) 804 1504/6

PO Box 32017, Totiusdal, 0134

Fax (012) 804 7072

e-mail: admin@infraplan.co.za

Our Reference:
9868 Kees Zyn Doorns

Your Reference:
17/2/3/ GS-105

11 June 2012

South African Heritage Resources Agency
PO Box 4637
Cape Town,
8000

Attention: Mr. Phillip Hine

Per Registered Mail

Dear Sir,

DRAFT BASIC ASSESSMENT REPORT FOR AN APPLICATION 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 PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT

Kindly receive the draft Basic Assessment Report for the above mentioned application.

We request you to evaluate the attached report on the proposed project and provide us and the Mpumalanga Department of Economic Development, Environment and Tourism, with your written comments and / or inputs, if any by faxing or e-mailing such within 40 days from the date of this letter. It will be assumed that you do not have any comments on the Basic Assessment Report of the proposed project on the expiry of the 40 day response period.

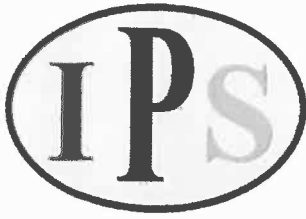
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

Monica Niehof
For: Vukani IPS inc.

Comments:

Directors: KW Anholts; GA Anholts



INFRASTRUCTURE PLANNING SERVICES

Vukani Infrastructure Planning Services Incorporated

Reg. No. 2001/014235/21

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PO Box 32017, Totiusdal, 0134

e-mail: admin@infraplan.co.za

Tel. (012) 804 1504/6

Fax (012) 804 7072

Our Reference:
9868 Kees Zyn Doorns

Your Reference:
17/2/3/ GS-105

11 June 2012

Gert Sibande District Municipality
PO Box 1748
Ermelo
2350

Attention: Mr. A. Ngcobo
Environmental Management Section

Per Registered Mail

Dear Sir,

DRAFT BASIC ASSESSMENT REPORT FOR AN APPLICATION 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 PORTION 44 OF THE FARM KEES ZYN DOORNS 708 JT

Kindly receive the draft Basic Assessment Report for the above mentioned application.

We request you to evaluate the attached report on the proposed project and provide us and the Mpumalanga Department of Economic Development, Environment and Tourism, with your written comments and / or inputs, if any by faxing or e-mailing such within 40 days from the date of this letter. It will be assumed that you do not have any comments on the Basic Assessment Report of the proposed project on the expiry of the 40 day response period.

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

Kind Regards,

Monica Niehof

For: Vukani IPS inc.

Comments:

Directors: KW Anholts; GA Anholts