

PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3/GS-51

Regulation 546 activity 3 (a) & (b) : (a) ii (cc) & (ee) : Establishment of an enclosed telecommunication base station with a **54m** mast for MTN (Pty) Ltd: **T8952 Baltimore Farm**

Location: **Portion 8 of the Farm Witkranz 53 IT**

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

Alternative 1: Latitude: 26° 10' 03.10"S Longitude: 30° 06' 39.96" E
Lattice type mast painted red and white

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

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

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

Applicant:

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

Environmental Assessment Practitioner (EAP):

Torbiose Solutions CC.

P.O. Box 32017, Totiusdal, 0134

Attention: : Wilbert Van't Foort

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

E-mail: admin@torbiosesolutions.co.za

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

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

Notice publication date:

2 February 2012

UHLELO LOKUHLANGANYELA KOMPHAKATHI

INOMBOLO YEREFERENSI: 17/2/3/GS-51

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) ii (cc) & (ee) : Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-**54m** kanye nendawo (nezindawo) yokubeka impahla: **T8952 Baltimore Farm**

Indawo: **Portion 8 of the Farm Witkranz 53 IT**

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

Esihlukile 1: Ububanzi: 26° 10' 03.10"S Ubude: 30° 06' 39.96" E
Induku ye -lattice endwe ngokubomvu nokumhlophe

Ngalokhu kunikezwa isaziso senqubo yokubamba iqhaza komphakathi ngokuhambisana Nemithetho Yokuhlola Umthelela Wamandla Kwezenhlalo (i-Environmental Impact Assessment Regulations) ka-2010 (R543) njengoba ichibiyelwe yamenezelwa ngokuhambisana Nomthetho Wokuphatha Ezenhlalo Kuzwelonke (i-National Environmental Management Act) ka-1998 (Umthetho weNombolo-107 ka-1998) njengoba uchibiyelwe (i-"NEMA"). Izingqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelana nemiyalelo yomthetho 543 bese kufakwa isicelo eMnyangweni Wezolimo, Ukunakekelwa kanye neZemvelo WaseMpumalanga.

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

Umuntu ofaka isicelo:

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

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

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

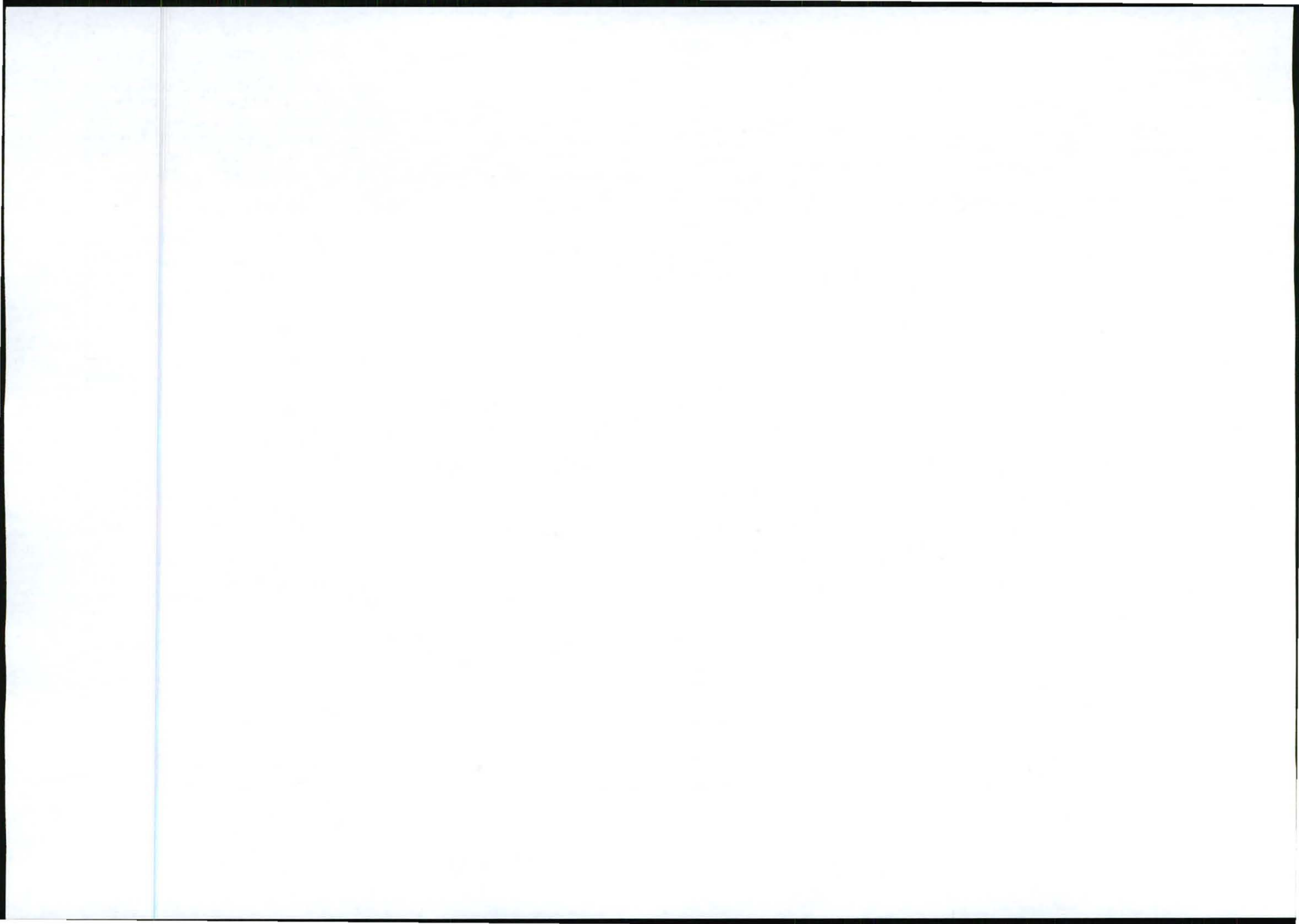
kuqondiswe ku- Wilbert Van't Foort

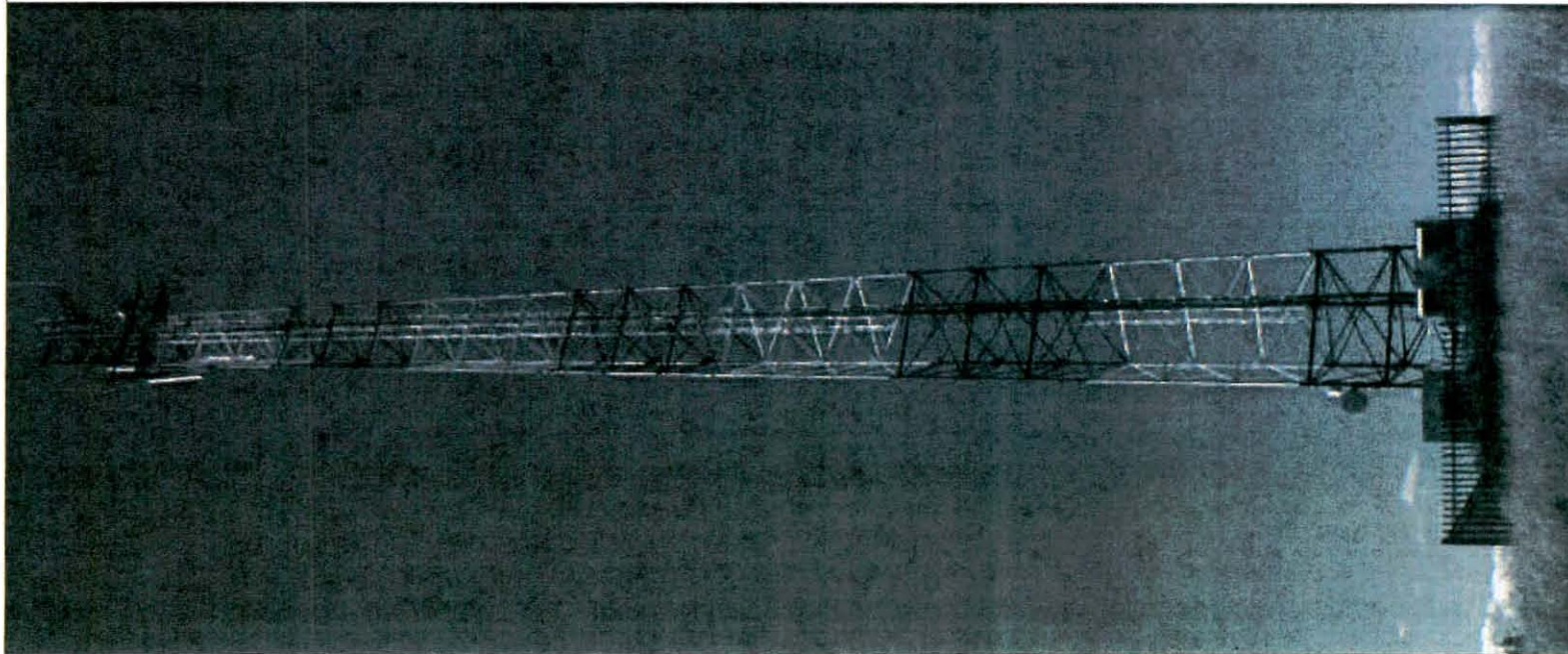
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072,

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

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

Usuku lokushicilelwa kweSaziso: **2 February 2012**





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



1287 Pretorius Street Tel: +27 (12) 342 2900 Postnet Suite 146
 Block B, Hadsfields Complex Fax: +27 (12) 342 9208 Private Bag 115
 Hatfield, 0083 Menlo Park

SITE NAME:

BALTIMORE FARM

BASE STATION NUMBER:

T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES:

OWNER: NEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION:
 PORTION 8 OF THE FARM WITKRANZ 53 IT

COORDINATES:
 LAT: 26° 10' 03. 10" S
 LONG: 30° 06' 39. 96" E

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

ADDRESS:
 BALTIMORE FARM, OFF THE R33,
 CAROLINA - CHRISSIESMEER,
 #12km SOUTH OF CAROLINA,
 MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES 

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

RFQ NO.:
 146583

PROJECT NUMBER:
 115052

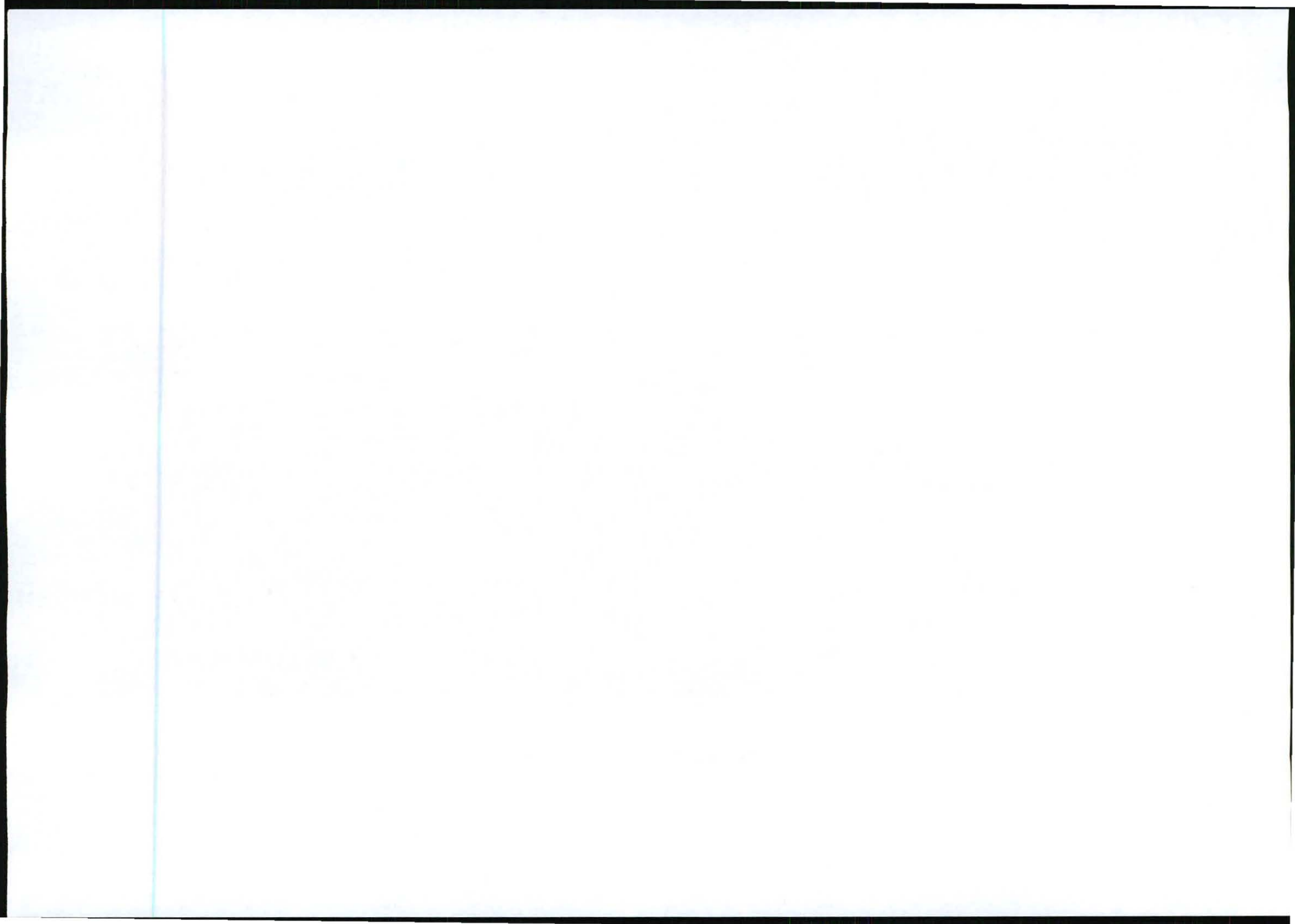
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R101/1001 ISSUE 1 REVISION 2 NOVEMBER 2007

DRAWN: MELISSA YOUNG DATE: 12/09/2011

SCALE: NTS REF. NO: 812/T8952

FACILITY ILLUSTRATION
 SHEET 9 OF 9





53/2

PORTION 8 OF THE FARM WITKRA NZ 53 IT

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

AC POWER SUPPLY POINT

NEW MTN: PROPOSED AC POWER SUPPLY ROUTE (±60m)

SHED

OVERHEAD POWER LINES

GRAVEL ROAD

TAR ROAD

53/11



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

SITE NAME: **BALTIMORE FARM**

BASE STATION NUMBER: **T8952**

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES:
OWNER: NEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION:
PORTION 8 OF THE FARM WITKRA NZ 53 IT

COORDINATES:
LAT: 26° 10' 03, 10" S
LONG: 30° 06' 39, 96" E

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

ADDRESS:
BALTIMORE FARM, OFF THE R33, CAROLINA - CHRISSESMEER, ±12km SOUTH OF CAROLINA, MPUMALANGA



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

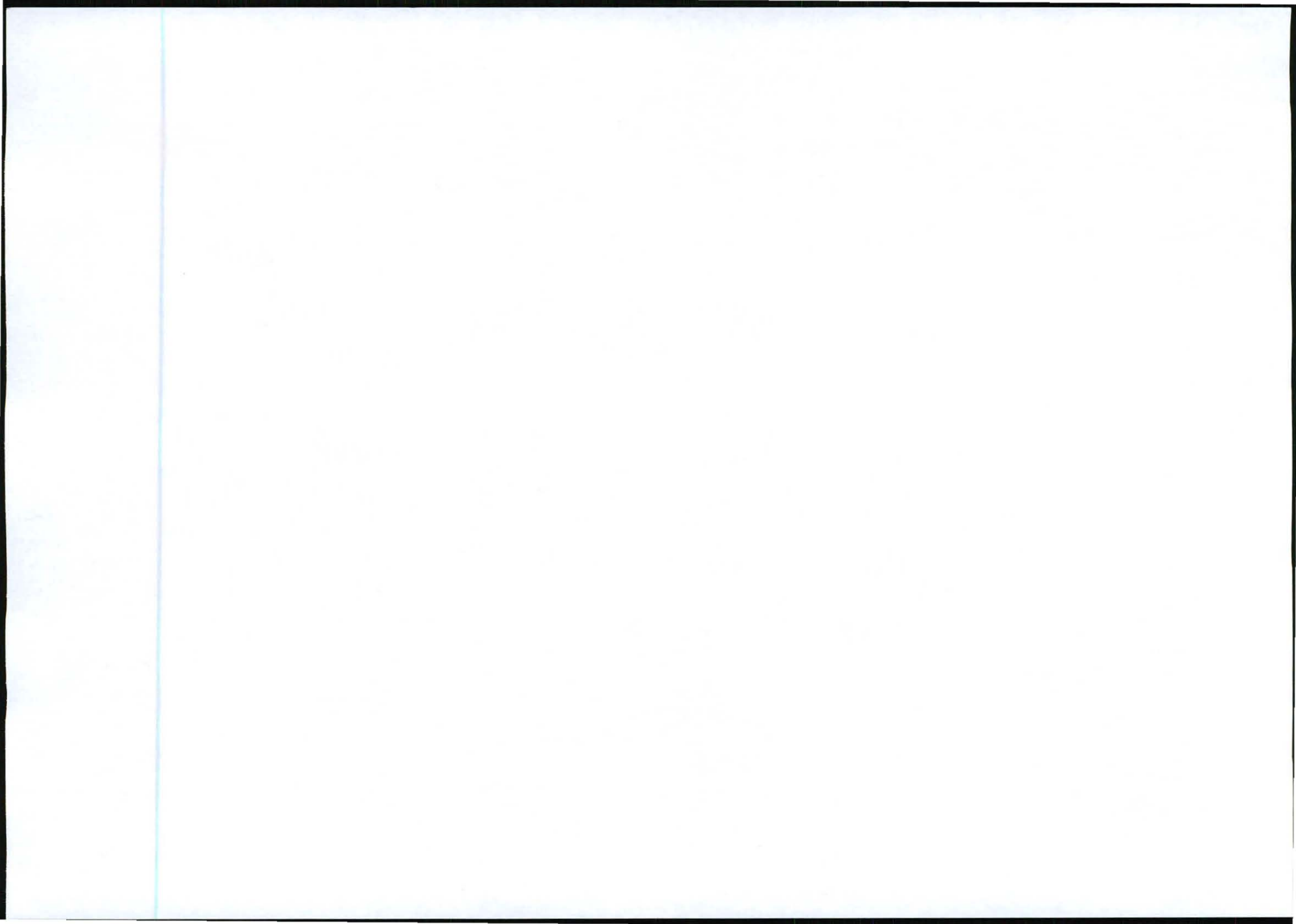
RFQ NO.: 146583

PROJECT NUMBER: 115052

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R101/1001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: MELISSA YOUNG DATE: 12/09/2011
SCALE: 1:3000 REF. NO: 812/T8952

SITE DEVELOPMENT PLAN
SHEET 3 OF 9



Our Reference:
T8952 / 17/2/3/GS-51

Your Reference:

2 February 2012

The Ward Councillor
Msukaligwa Local Municipality
P.O.Box 48
Ermelo
2350

Attention: Cllr P T Sibeko
Councillor: Ward 21

Facsimile: (017) 801 3851

E-mail:



Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (cc & ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 8 OF THE FARM WITKRANZ 53 IT.

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

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

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

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

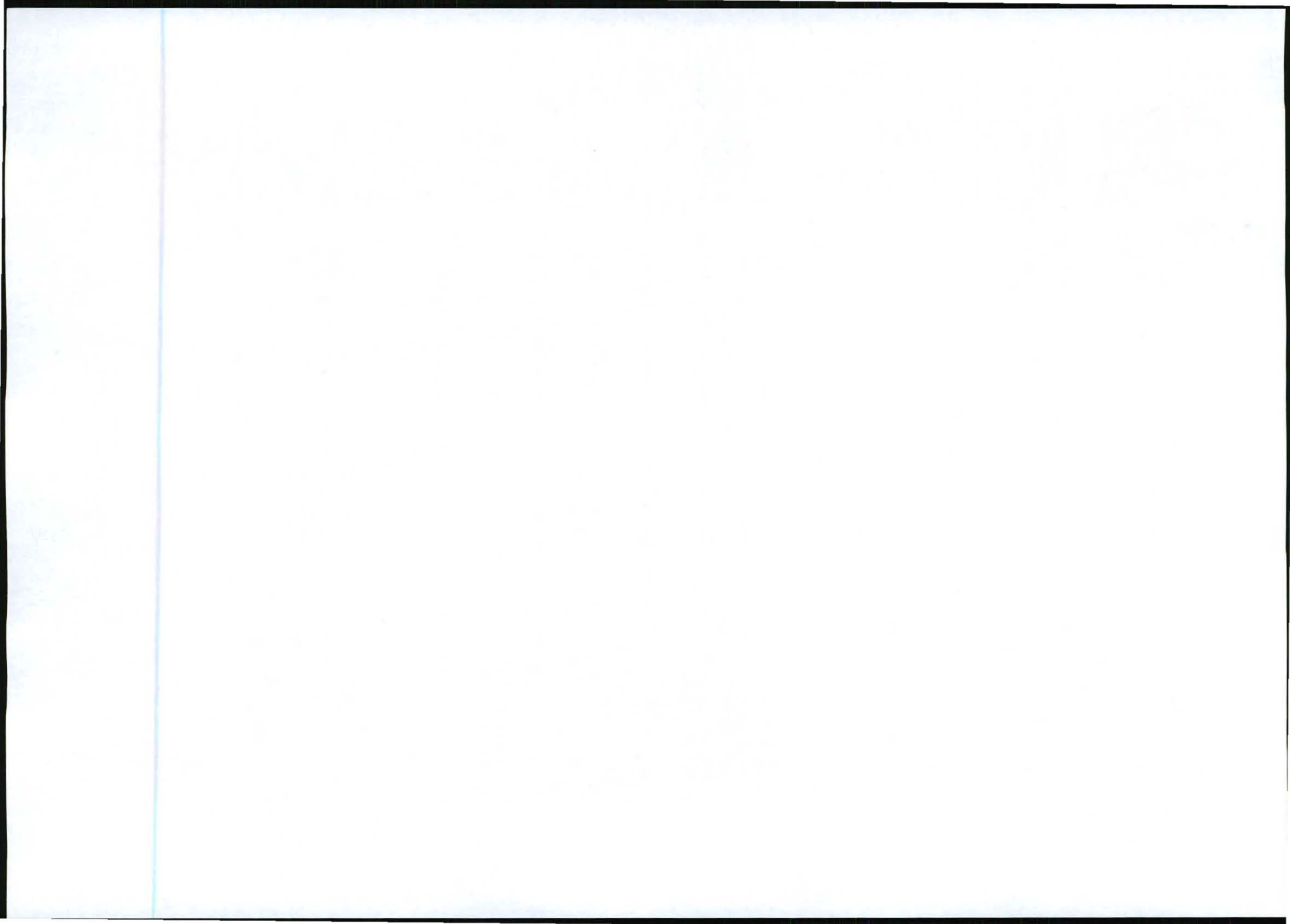
Kind Regards,

WA VAN'T FOORT

For: Torbious Solutions cc

Comments:

Members: KW Anholts; GA Anholts



Destination	Start Time	Time	Prints	Result	Note
0178013851	02-01 10:39	00:03:08	010/010	OK	

Note TXR: Timer TX, POL: Polling, DRG: Original size setting, FME: Frame Erase TX,
MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FDD: Forward, PC: PC-Fax,
BBD: Double-Sided Binding Direction, SP: Special original, FCODE: F-code, RTX: Re-TX,
RLV: Relay, HX: Confidential, BUL: Bulletin, SIP: SIP Fax, IPADR: IP Address Fax,
I-FAX: Internet Fax

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

Our Reference:
T8952 / 17/2/3/GS-51

Your Reference:

2 February 2012

The Ward Councillor
Msukelgwa Local Municipality
P.O.Box 48
Emelo
2350

Attention: Cnr P T Sibeko
Councillor: Ward 21

Facsimile: (017) 801 2851
E-mail:



Reg. No. 2001/080538/23
PO Box 32017, Teddiedel, 0124

414 Rustic Road
Silvertondale, 0184
Pretoria

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

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) II (cc & ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 8 OF THE FARM WITKRANZ 53 IT.

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

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

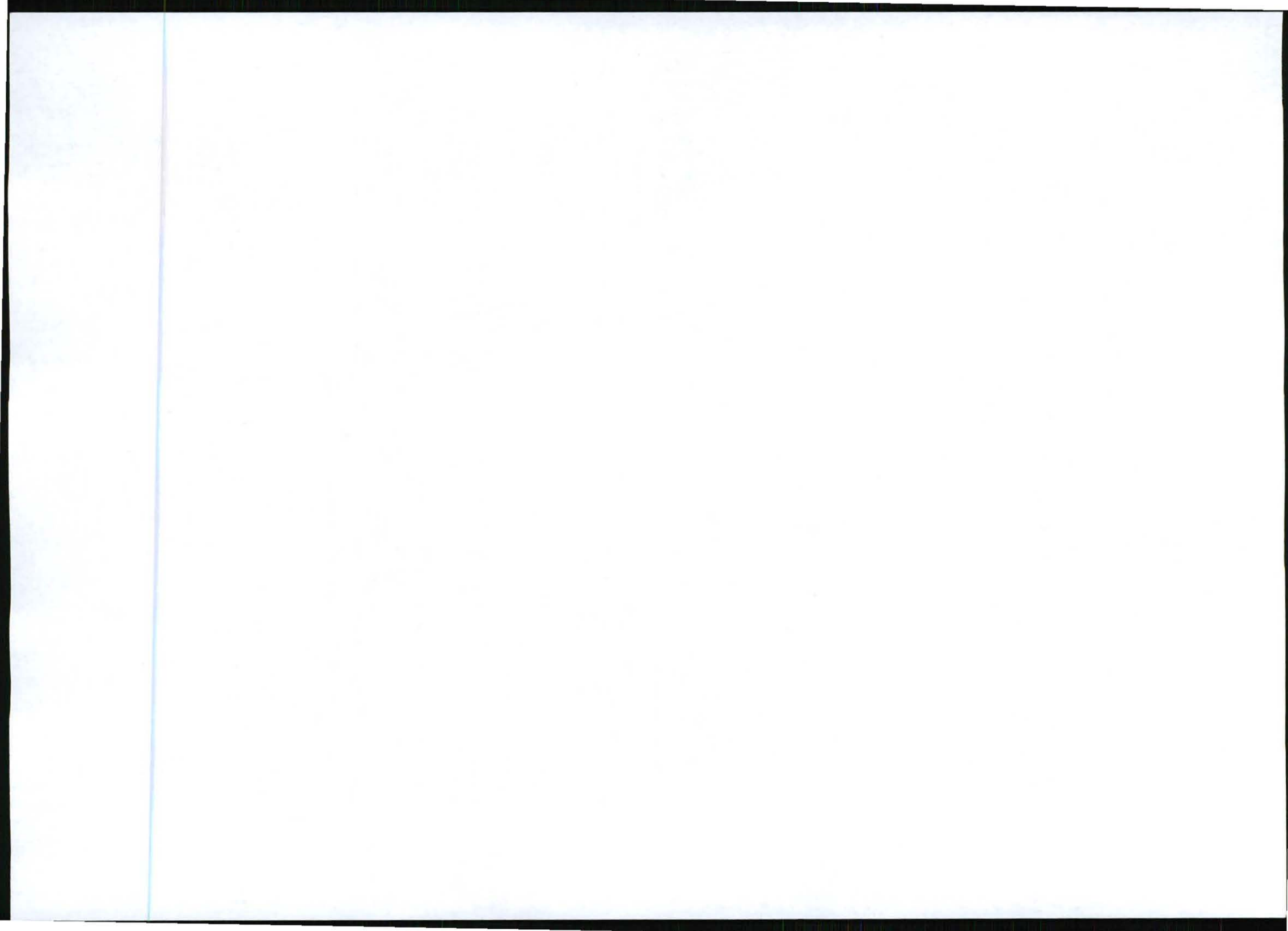
Please forward the attached documentation to the relevant Resident Association or provide us with their contact details.

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

Kind Regards,

WA VAN'T FOORT
WA VAN'T FOORT
For: Torbious Solutions cc

Comments:



Our Reference:
T8952 / 17/2/3/GS-51

Your Reference:



The Ward Councillor
Msukaligwa Local Municipality
P.O.Box 48
Ermelo
2350

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

Attention: Clr P T Sibeko
Councillor: Ward 21

414 Rustic Road
Silvertondale, 0184
Pretoria

Facsimile: (017) 801 3851
E-mail:

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

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (cc & ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 8 OF THE FARM WITKRAZ 53 IT.

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

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

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

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

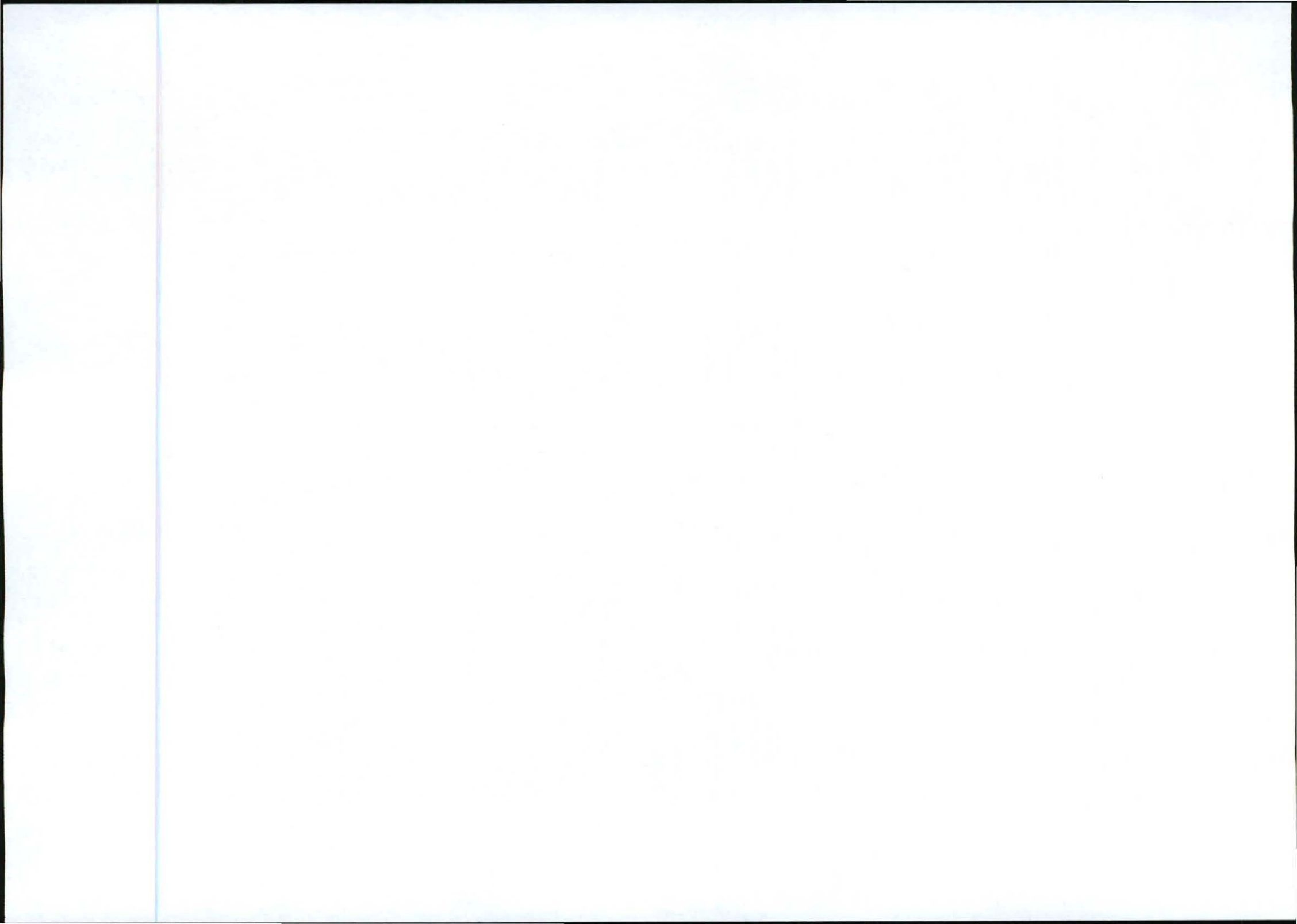
Kind Regards,

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

WA VAN'T FOORT
For: Torbious Solutions cc

Comments:

Members: KW Anholts; GA Anholts



Destination	Start Time	Time	Prints	Result	Note
0178013851	03-01 12:15	00:03:17	010/010	OK	

Note TTR: Timer TX, PCL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,
MIX: Mixed Original TX, CALL: Manual TX, CSAC: CSAC, FWD: Forward, PC: PC-Fax,
SND: Double-Sided Binding Direction, SP: Special Original, FCODE: F-code, RIX: Re-TX,
RLY: Relay, MCF: Confidential, SOL: Bulletin, SIP: SIP Fax, IPADR: IP Address Fax,
I-FAX: Internet Fax

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

Our Reference:
T8952 / 17/2/3/G6-51

Your Reference:

The Ward Councillor
Maukeliqwa Local Municipality
P.O.Box 48
Ermelo
2360

Attention: Cnr P T Sibeko
Councillor: Ward 21

Facsimile: (017) 804 3861
E-mail:



Reg. No. 2001/080636/23
PO Box 32017, Totiusdal, 0134
414 Rustic Road
Silvertondale, 0184
Pretoria
Tel: (012) 804 1804/6
Fax: (012) 804 7072
e-mail: admin@torbiouse.com

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) II (cc & ee) IN REGULATION 540: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 8 OF THE FARM WITKRAANZ 63 IT.

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

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

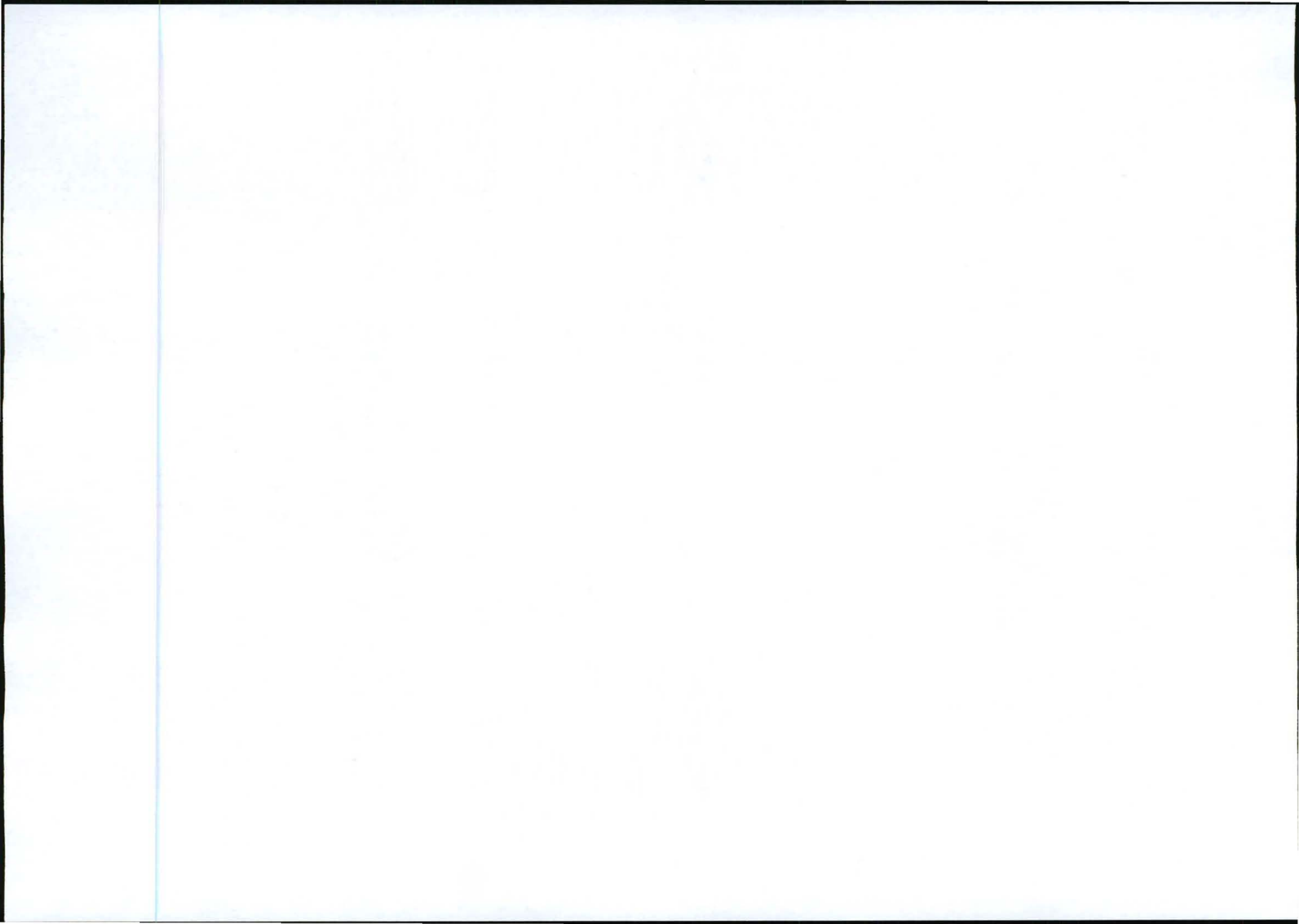
Please forward the attached documentation to the relevant Resident Association or provide us with their contact details.

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

Kind Regards,

WA VAN'T FOORT
WA VAN'T FOORT
For: Torbiouse Solutions cc

Comments:



Destination	Start Time	Time	Prints	Result	Note
0178013851	09-01 12:02	00:03:38	010/010	OK	

Note TTY: Timer TX, PCL: Polling, ORG: Original Size Settings, FE: Frame Erase TX,
 MX: Mixed Original TX, Call, Manual TX, CBMC: CBMC, FWD: Forward, PC: PC-Fax,
 BND: Double-Sided Binding Direction, SP: Special original, FCODE: F-Code, RFX: Re-TX,
 RL: Relay, HX: Confidential, BOL: Bulletin, SIP: SIP Fax, IPADR: IP Address Fax,
 I-FAX: Internet Fax

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

Our Reference:
T8952 / 17/2/3/QS-51

Your Reference:

The Ward Councillor
Msekaligwa Local Municipality
P.O.Box 48
Ermelo
2350

Attention: Cnr P T Sibeko
Councillor: Ward 21

Facsimile: (017) 801 3851
E-mail:



Reg. No. 2001/080555/23
PO Box 32017, Teddiesdal, 0134
414 Rustic Road
Silvertondale, 0184
Pretoria
Tel: (012) 804 1804/ 6
Fax: (012) 804 7072
e-mail: admin@torbiousolutions.co.za

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) II (cc & ee) IN REGULATION 646: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 8 OF THE FARM WITKRAANZ 83 IT.

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

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

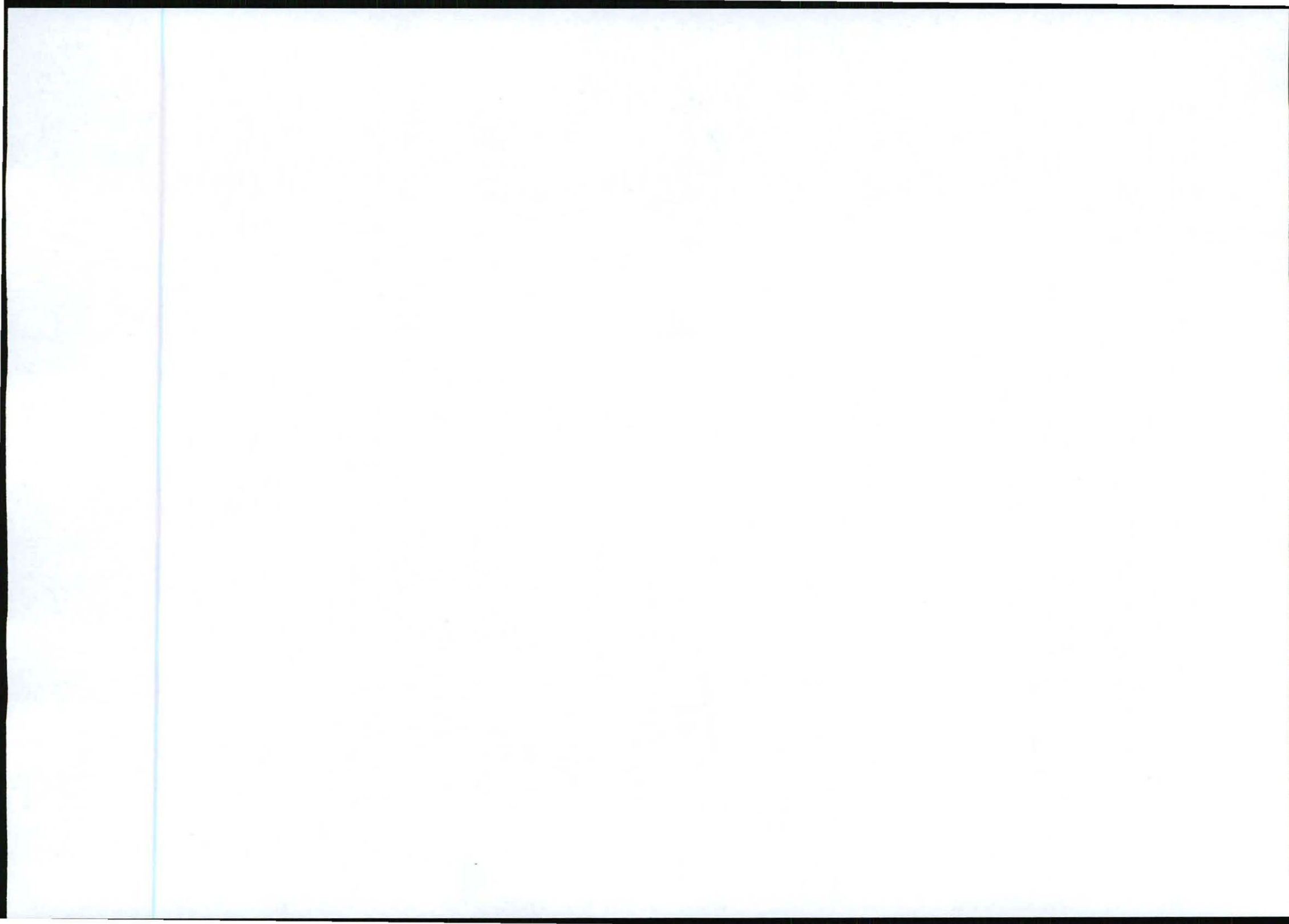
Please forward the attached documentation to the relevant Resident Association or provide us with their contact details.

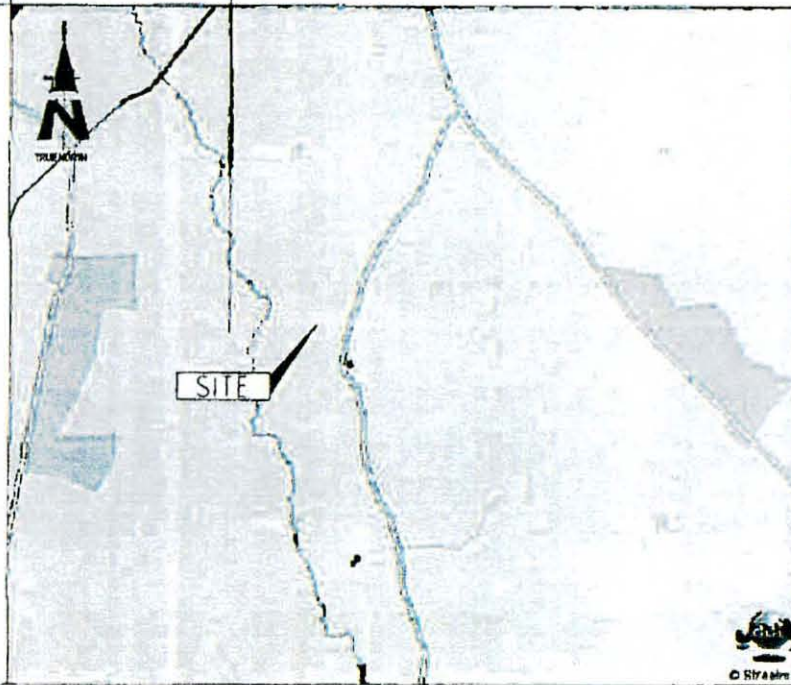
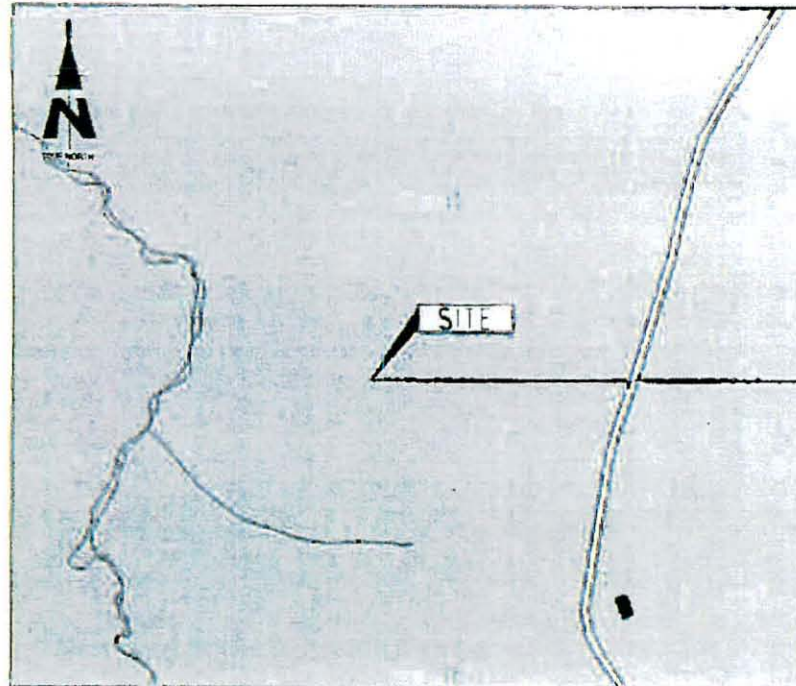
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

WA VAN'T FOORT
WA VAN'T FOORT
For: Torbious Solutions cc

Comments:





1367 Pindaba Street
Blue B. Telecentre Complex
Harcourt 1863
Tel: +27(11) 542 7888
Fax: +27(11) 542 8936
Product Suite 146
Private Bag 275
Maboneng

SITE NAME
BALTIMORE FARM

BASE STATION NUMBER
T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES
OWNER: MEL STEPHANUS JACOBS

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITH RANZ 53 FT

COORDINATES
LAT: 26° 18' 03" 13" E
LONG: 30° 05' 39" 59" E

PROJECT
NEW 900m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN IPTV LTD

ADDRESS
BALTIMORE FARM OFF THE R13
CAROLINA - CHRISSEMEER
±12km SOUTH OF CAROLINA
MPLWALANEA

INFRASTRUCTURE PLANNING SERVICES

414 Pindaba Road
Edmoreville
9161
Tel: +27 (11) 864 1864
Fax: +27 (11) 804 7872
info@ipsafrica.co.za
P.O. Box 22017
Tlokweng
0154

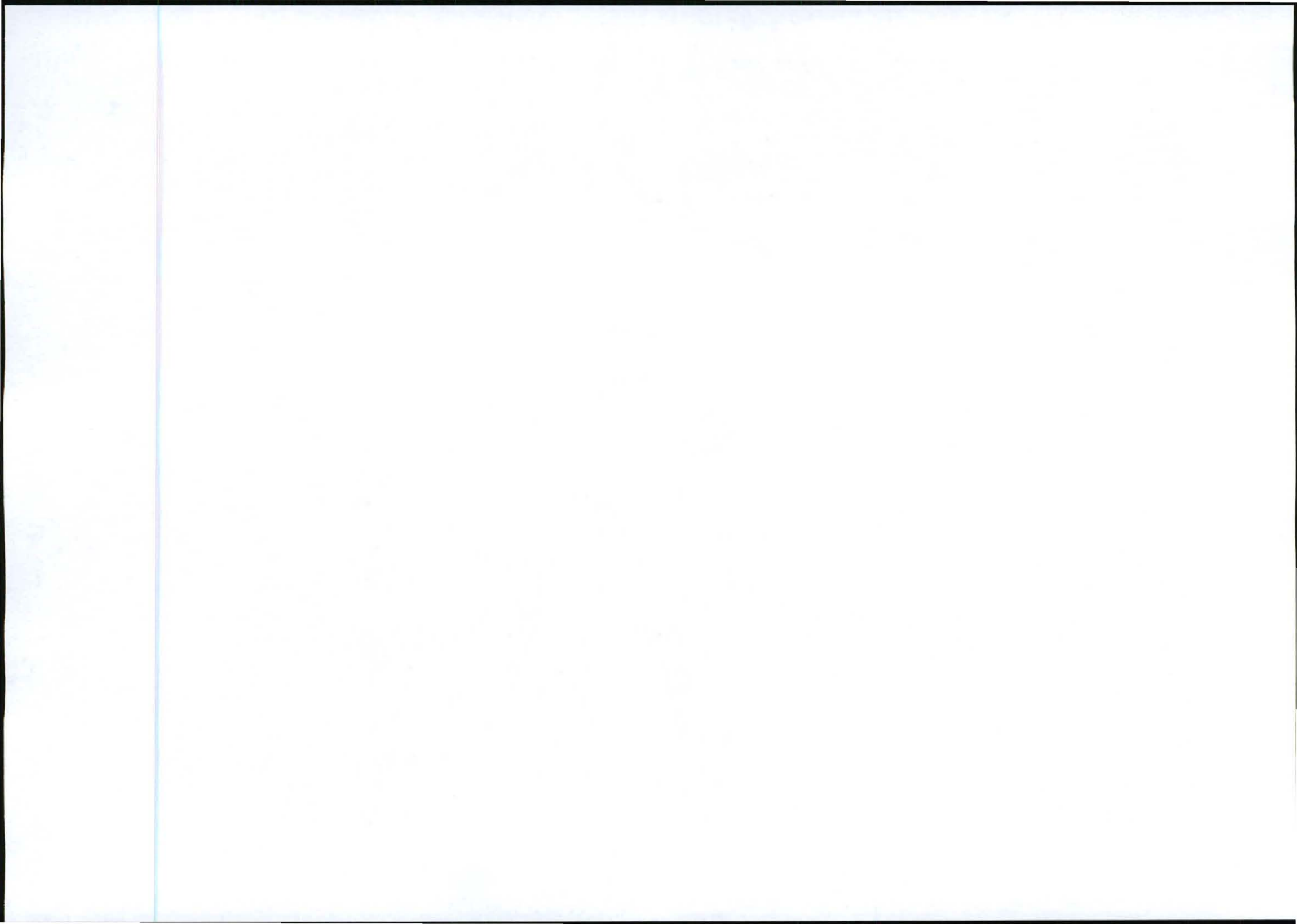
RFD NO.
148583
PROJECT NUMBER
115002

DISCLAIMER
DRAWINGS MUST NOT BE SCALED. ONLY MEASURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
ALL WORK TO BE PERFORMED ACCORDING TO SITH SITE SITE INFRASTRUCTURE SPECIFICATION RFD-1024
ISSUE 1 REVISION 5 NOVEMBER 2007

DRAWN BY MELISSA YOUNG **DATE** 12/09/2011
SCALE NTS **REF. NO.** 812/T8952

LOCALITY MAP SHEET 1 OF 9





CADASTRAL INFO
SHEET 2 OF 9

SCALE: MTS
DRAWN: MELISSA YOUNG
DATE: 12/09/2011
REF. NO. 81278952

DATE: 12/09/2011
DRAWN: MELISSA YOUNG
REF. NO. 81278952

ALL WORK TO BE REFERENCED ACCORDING TO THE SITE SPECIFICATIONS
DRAWINGS MUST NOT BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT
DATE: 12/09/2011
DRAWN: MELISSA YOUNG
REF. NO. 81278952

PROJECT NUMBER: 115052

PROJECT NO: 146583

PROFESSIONAL SEAL: [Seal]

IPSP
INFRASTRUCTURE PLANNING SERVICES

BALTIMORE FARM OFF THE M33
CAROLINA - CHARLESSTON
13200 SOUTH OF CAROLINA
MURRAYVILLE

ADDRESS: NEW 94th TELECOMMUNICATION BASESTATION WITH A 64th LATTICE MAST FOR MTN (PTY) LTD

COORDINATES: LAT 26° 10' 03.10" S
LONG 30° 08' 39.95" E

PROPERTY DESCRIPTION: PORTION B OF THE FARM WITHIN 53.11

STRICTLY COMPANY CONFIDENTIAL

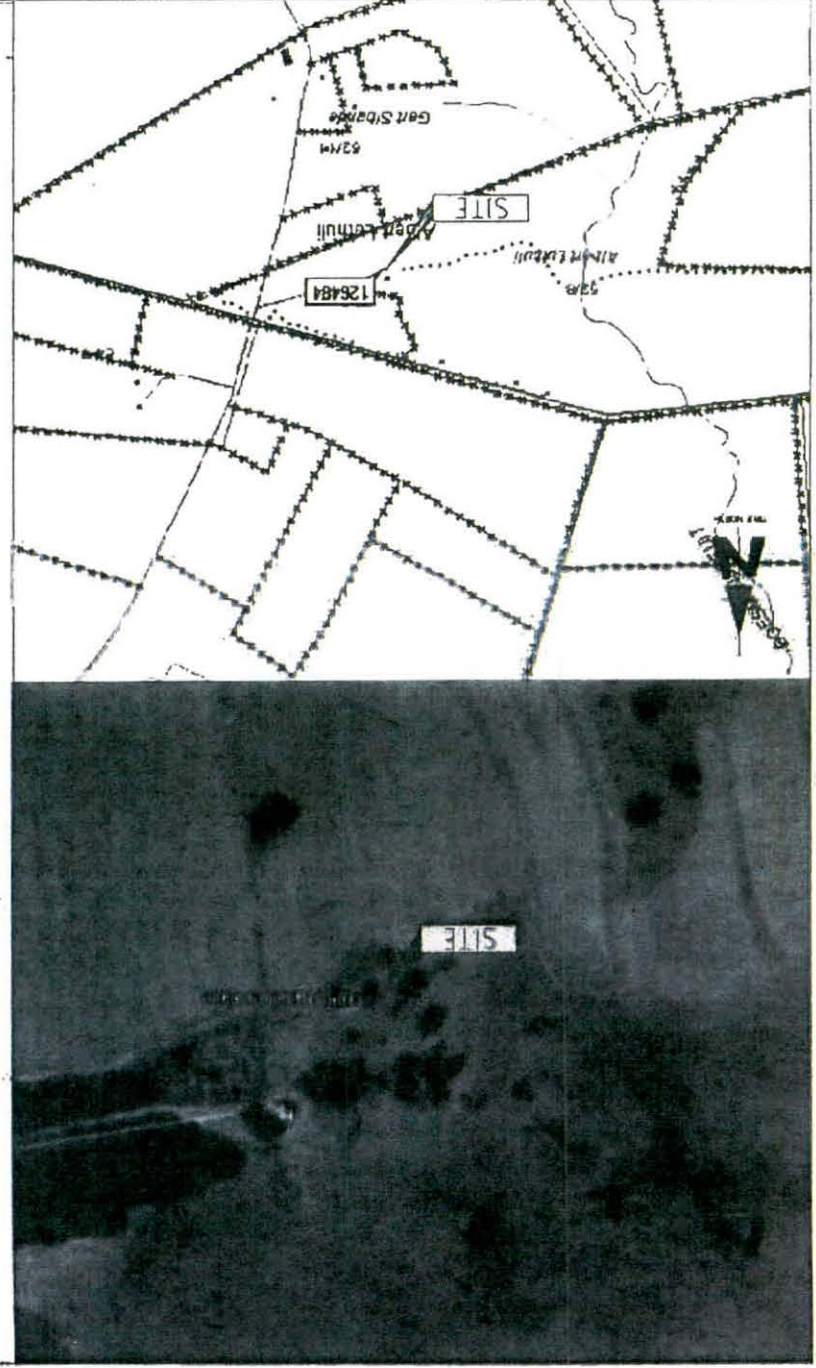
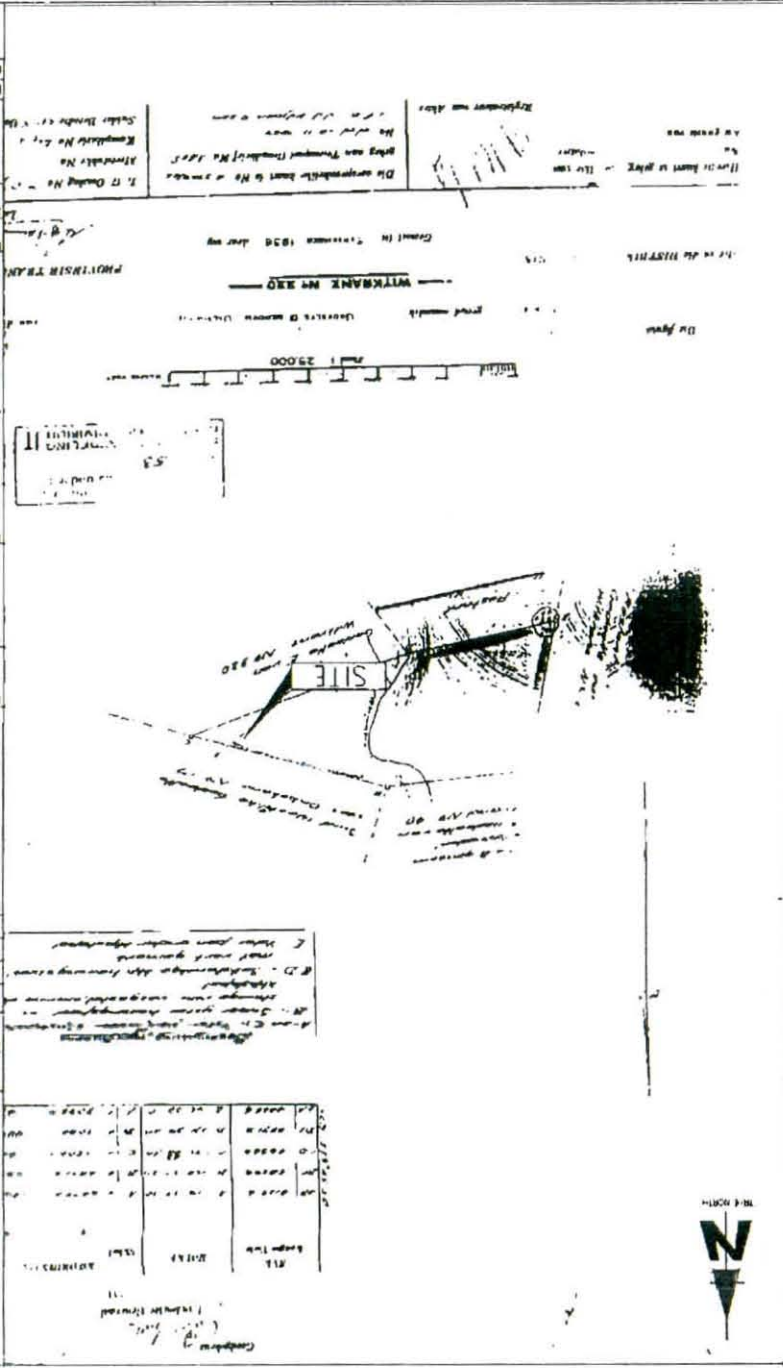
NOTES: OWNER: MEL STEPHENS JACOBS

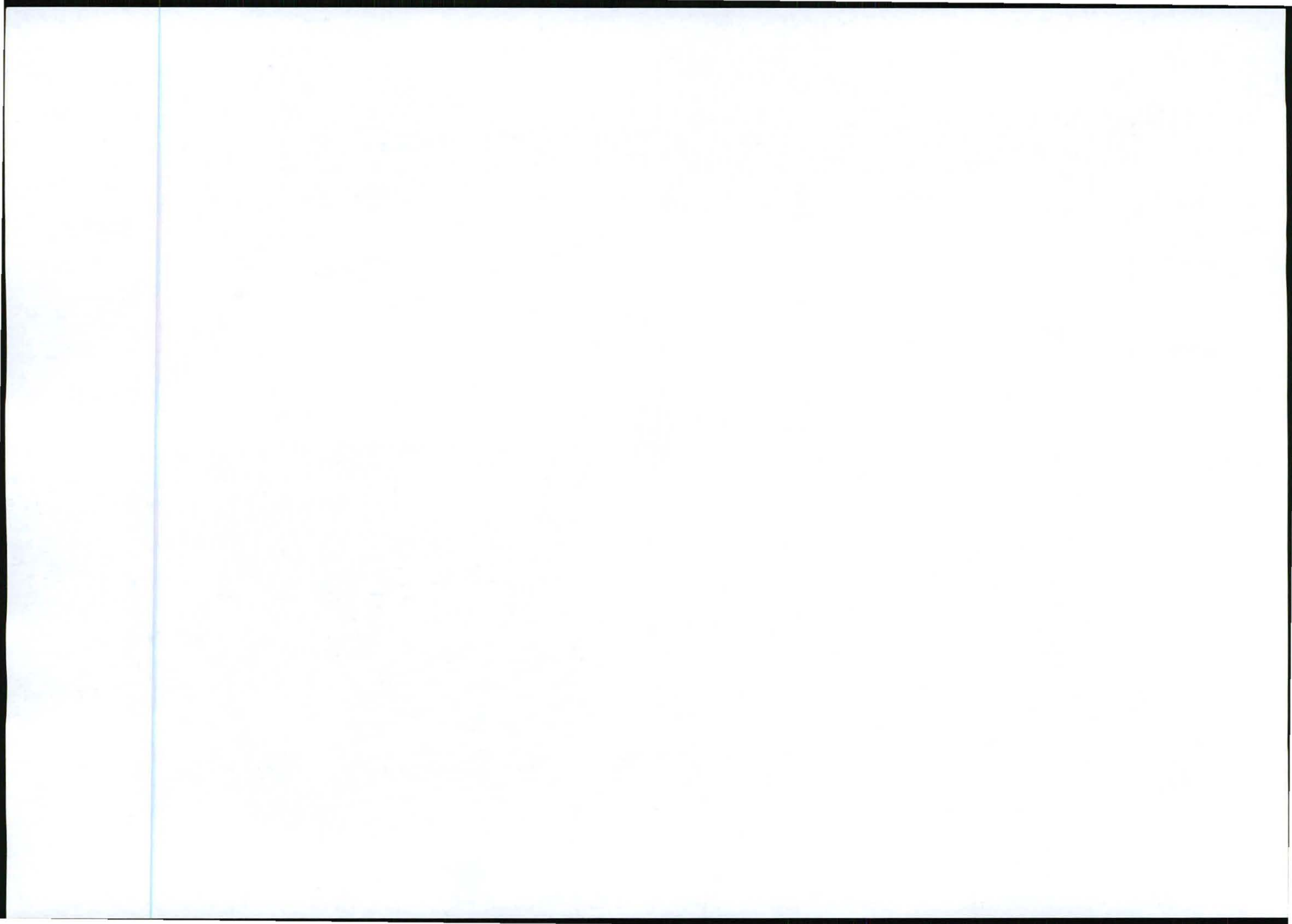
REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

MADE BY: [Name]

BALTIMORE FARM
18952

MTN
187 Providence Road
Suite 8
P.O. Box 215
Pretoria 0001
Tel: +27 12 342 8888
Fax: +27 12 342 8888







WIRE FENCE

53/2

PORTION 8 OF THE FARM WITKRAZ 53 IT

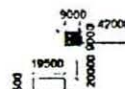
GRAVEL ROAD

TAR ROAD

AC POWER SUPPLY POINT

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

NEW MTN: PROPOSED AC POWER SUPPLY ROUTE (180m)



WIRE FENCE

SHED

OVERHEAD POWER LINES

53/11



1217 Prioritised Street, Mtshali, 6063
Tel: +27 (12) 542 2900 Fax: +27 (12) 542 0500
Postal Code: 140 Private Bag: 6115
Mantle Park

SITE NAME
BALTIMORE FARM

BASE STATION NUMBER
T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES

DRAWN: MEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRAZ 53 IT

COORDINATES

LAT: 26° 10' 03.10" S
LONG: 30° 05' 39.95" E

PROJECT

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

ADDRESS

BALTIMORE FARM, OFF THE R37
CAROLINA - CARISSESMEER
112km SOUTH OF CAROLINA
MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES



414 Roodie Road
Silverdale
2194

Tel: +27 (12) 554 1200
Fax: +27 (12) 554 7077
sales@ipsmaster.co.za

P.O. Box 22017
Tolworth
2154

RFP NO
148583

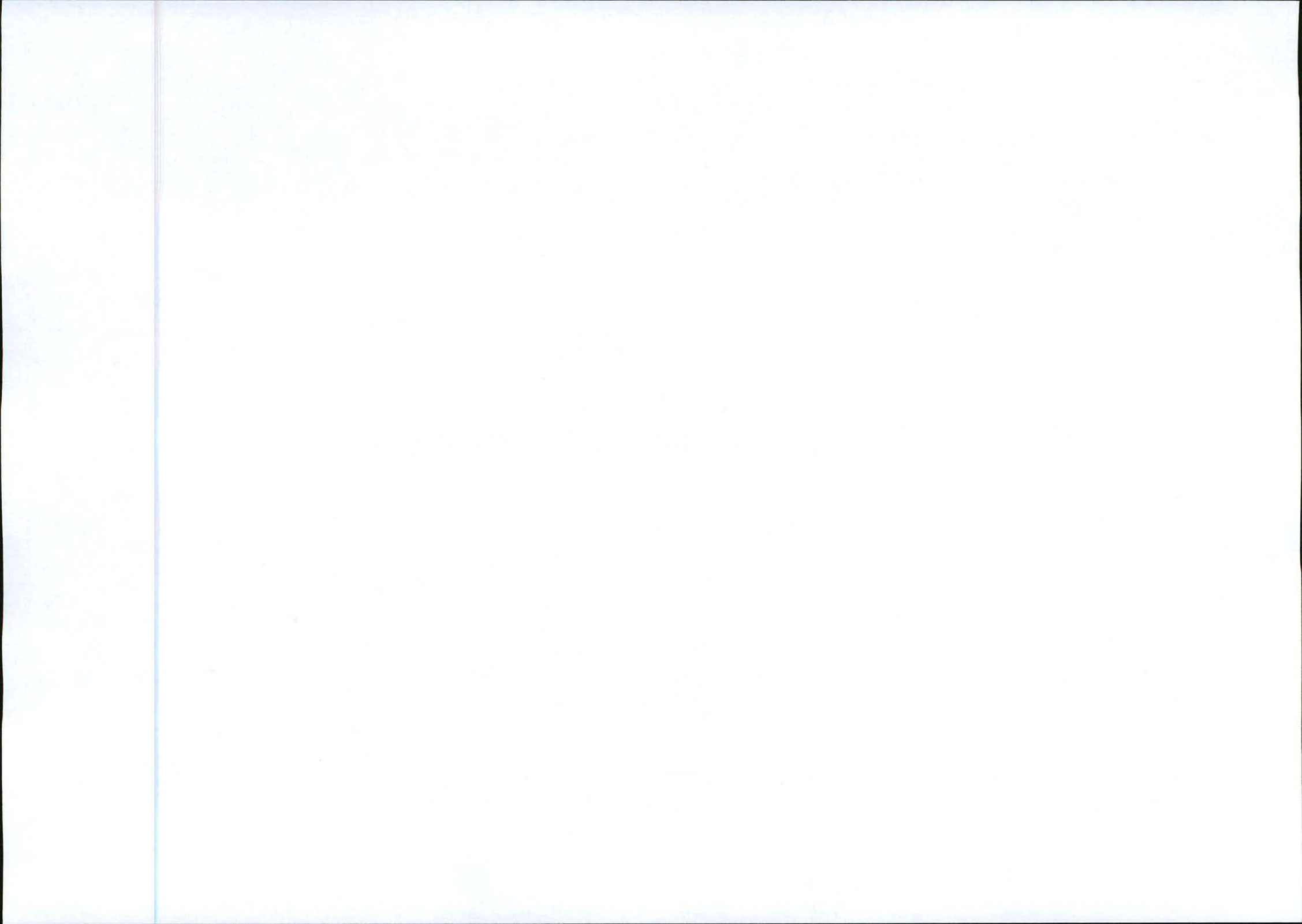
PROJECT NUMBER
115052

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

ALL WORK TO BE PERFORMED ACCORDING TO MTN 519 SITE INFRASTRUCTURE SPECIFICATION R3011001
ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN MELISSA YOUNG **DATE** 12/09/2011
SCALE 1:3000 **REF. NO** 812/T8952

SITE DEVELOPMENT PLAN
SHEET 3 OF 9





1287 Pretoria Street
Block B, Midvalley Computer
Market, 0953

Tel: +27 (0)11 550 1000
Fax: +27 (0)11 550 1000

Postal Code: 148
Private Bag: 215
Meyerton

SITE NAME
BALTIMORE FARM

BASE STATION NUMBER
T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES
OWNER: MEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRANZ 53 IT

COORDINATES
LAT: 29° 17' 53.10" S
LONG: 30° 05' 39.96" E

PROJECT
NEW 870m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS
BALTIMORE FARM OFF THE R33
CAROLINA - CHRISIESMEER
±12km SOUTH OF CAROLINA
Mpumalanga

INFRASTRUCTURE PLANNING SERVICES



414 Beaufort Road
Blenheimville
9154

Tel: +27 (0)11 854 10048
Fax: +27 (0)11 854 7072
info@ips.co.za

P.O. Box 50017
Tollfree
0134

RFO NO.
146583

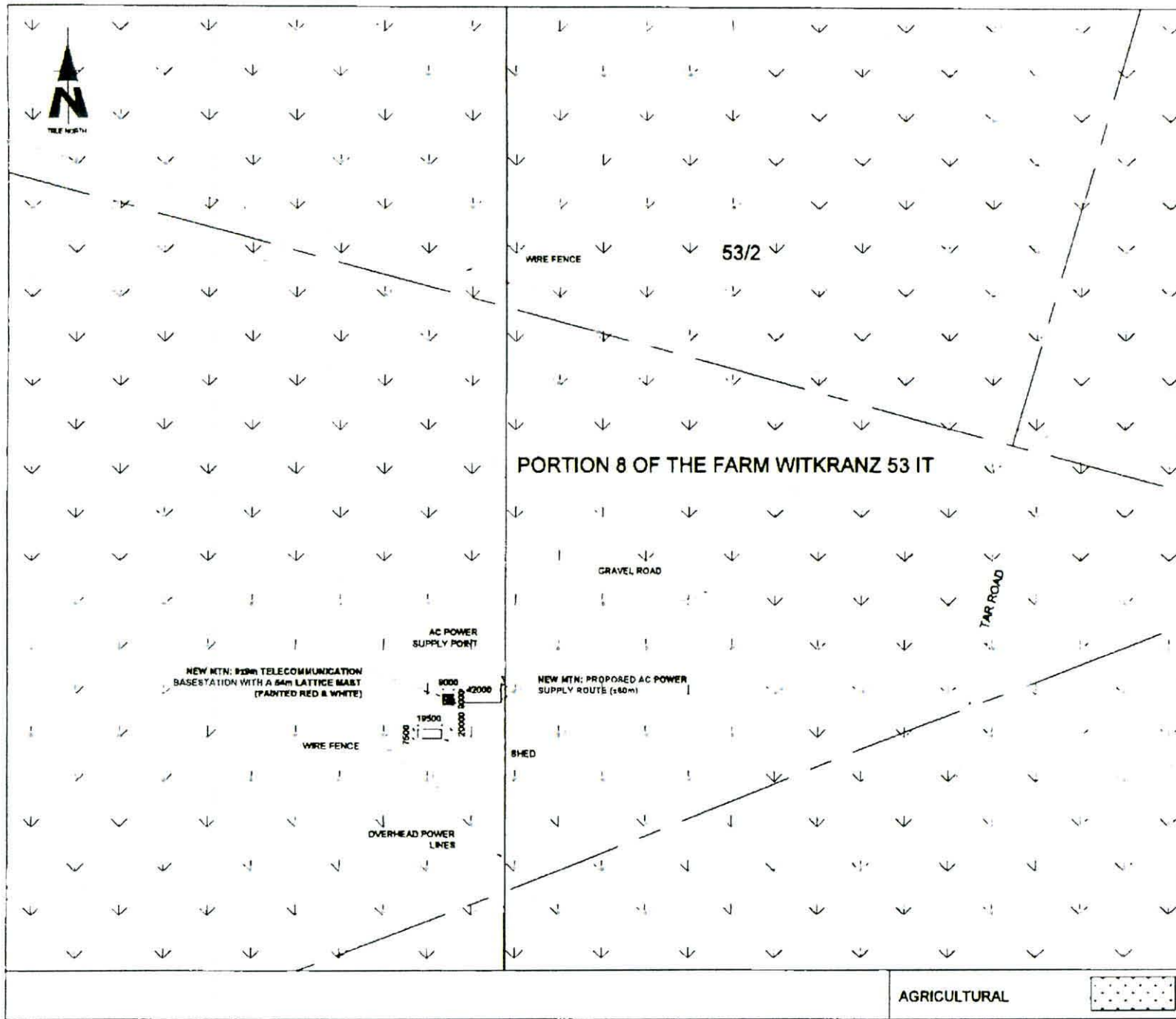
PROJECT NUMBER
115052

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

ALL WORK TO BE PERFORMED ACCORDING TO MTN 870 SITE INFRASTRUCTURE SPECIFICATION (ISSUE 1001) ISSUE 1 IN EFFECT 09 NOVEMBER 2007

DRAWN: MELISSA YOUNG
SCALE: 1:3000

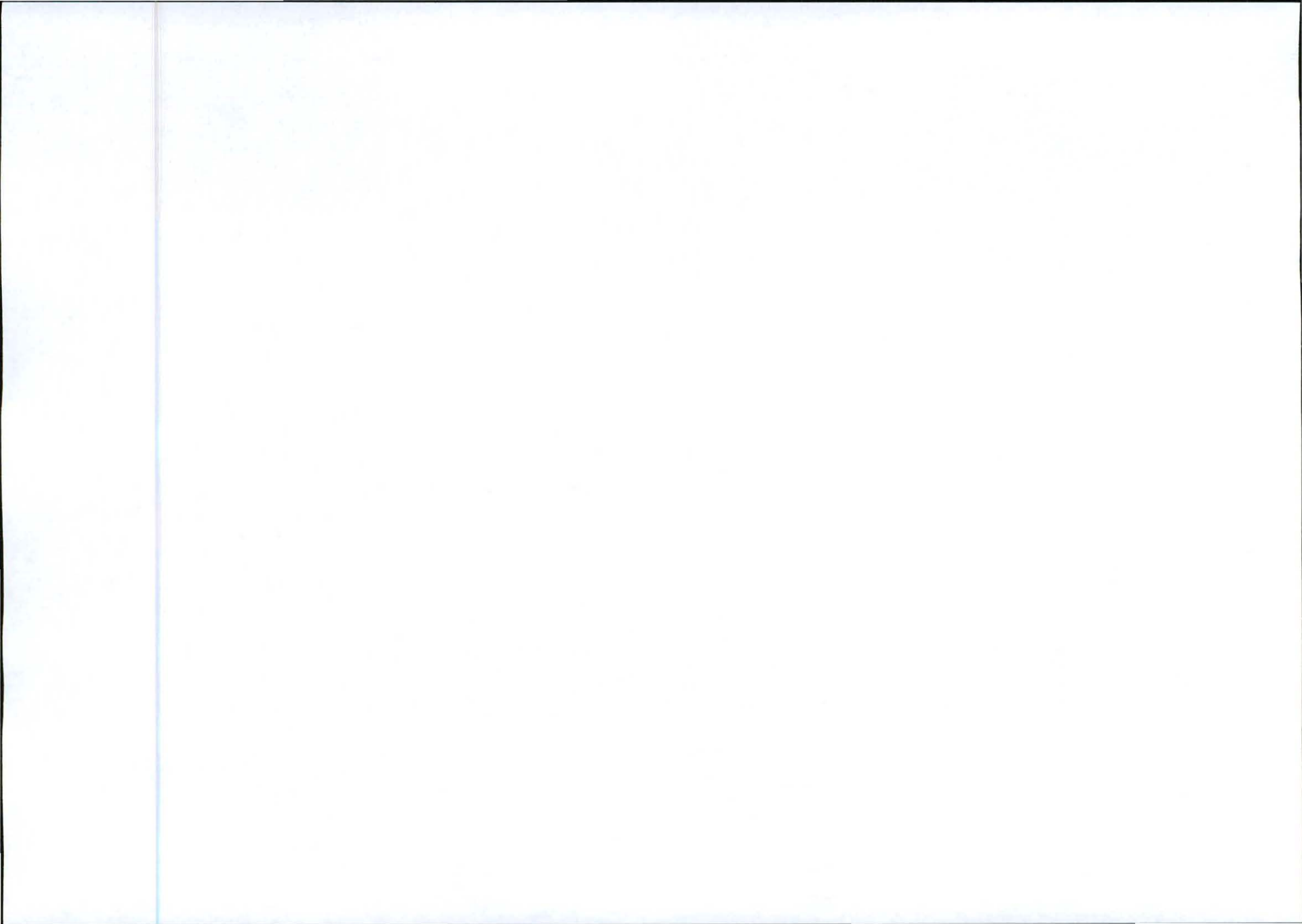
DATE: 12/09/2011
REF. NO.: 812/T8952



AGRICULTURAL



CURRENT LAND USE
SHEET 4 OF 8





1787 Protea Street
 Block 9, Midrand Campus
 Midrand, 2008
 Tel: +27 (12) 562 0800
 Fax: +27 (12) 562 0200
 Plot 101, 102
 144th Street, 144
 144th Street, 144

SITE NAME
BALTIMORE FARM

BASE STATION NUMBER
T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES
OWNER: MEL STEPHANUS JACOBS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRAANZ 53 IT

COORDINATES
LAT: 26° 10' 03.10" S
LONG: 30° 05' 39.95" E

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

ADDRESS
BALTIMORE FARM, OFF THE R37
CAROLINA - CHRYSIESMEEP
120m SOUTH OF CAROLINA
MPUMALANGA



114 Rivers Road
Edenburg
9461
Tel: +27 (12) 804 19548
Fax: +27 (12) 804 1075
info@ipspw.co.za
P.O. Box 32011
Toll-free
0131

RFO NO
140581

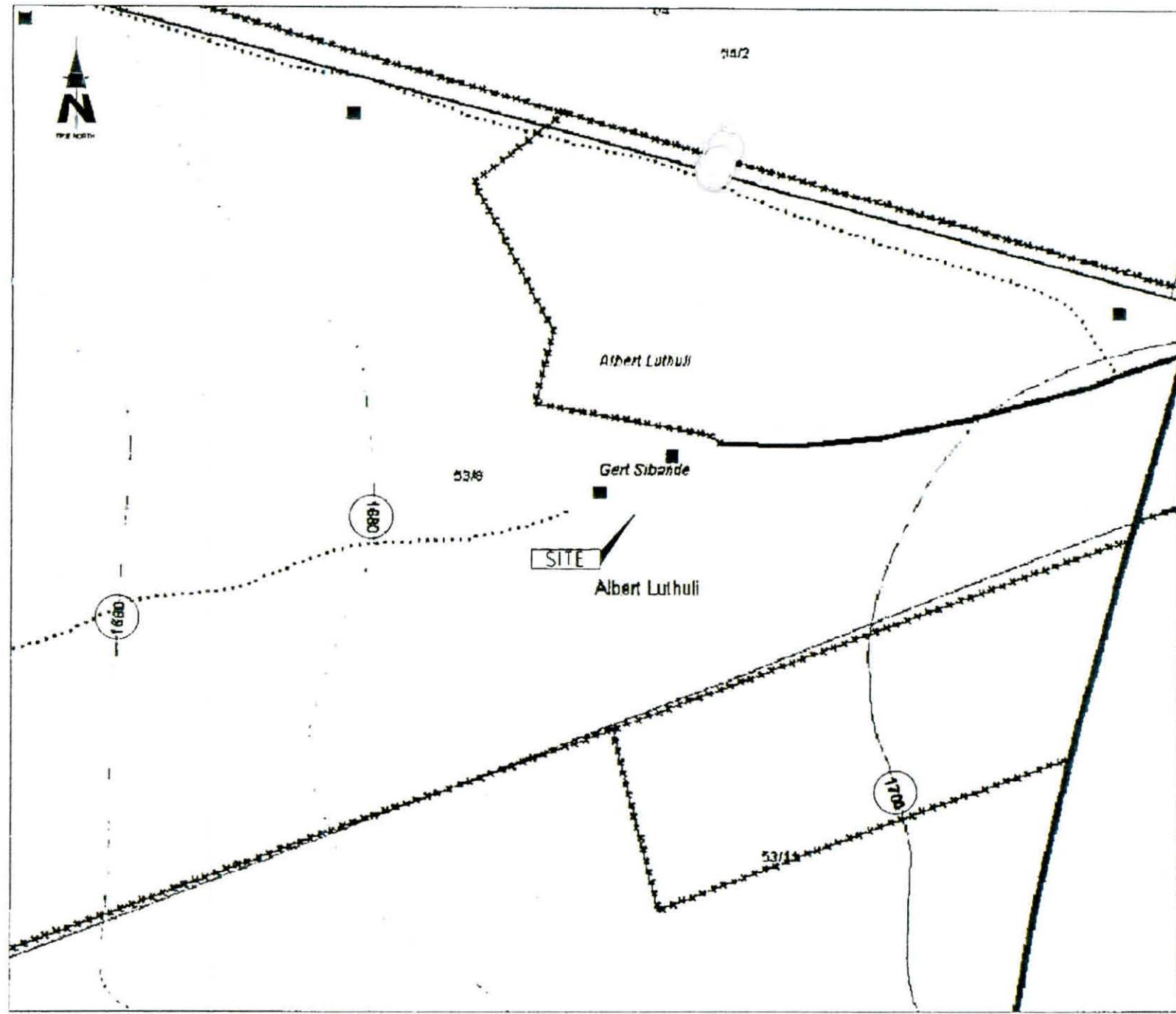
PROJECT NUMBER
115052

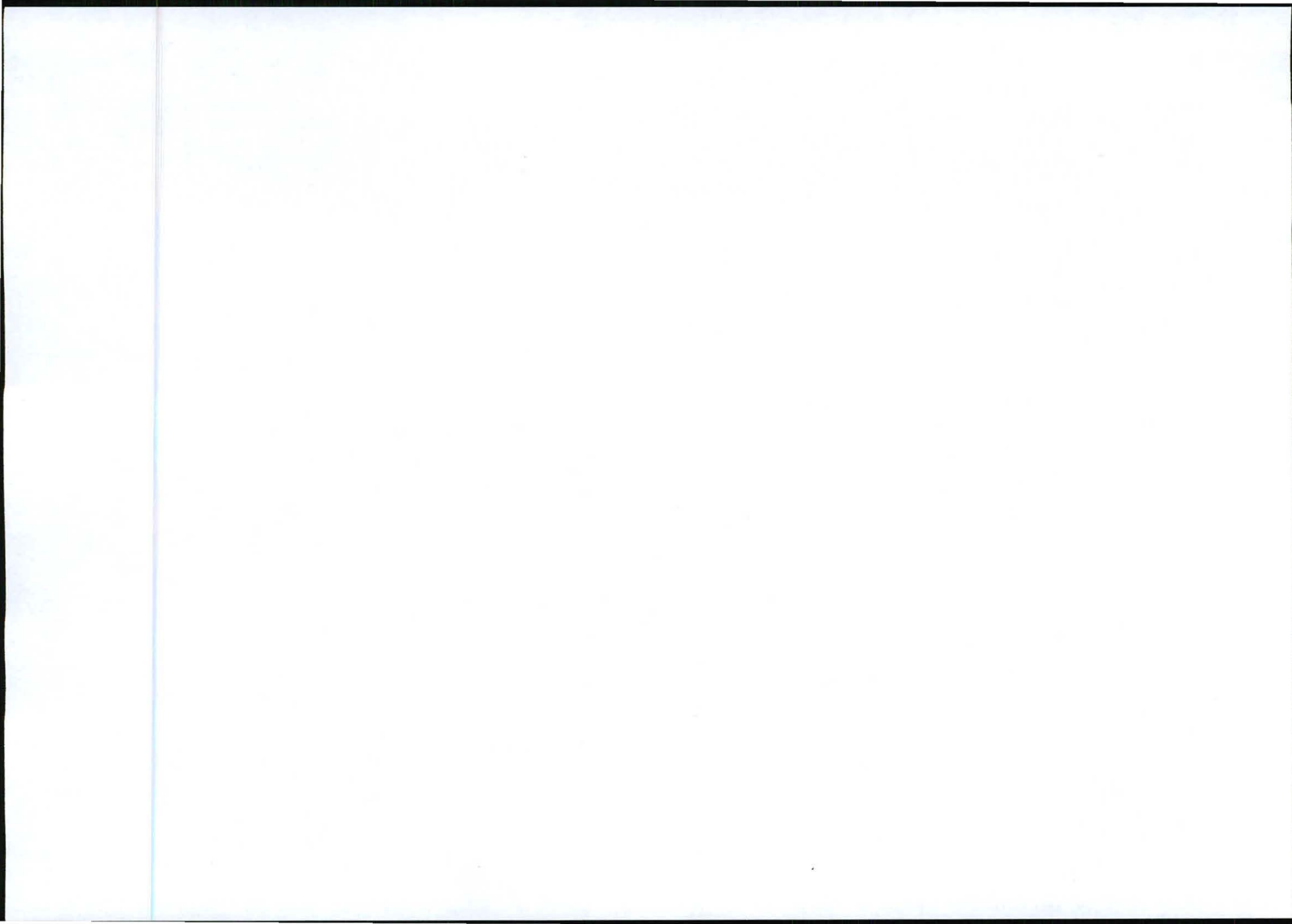
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION (SIT) 1001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN MELISA YOUNG **DATE** 12/09/2011
SCALE MTS **REF. NO** #12/T8952

CONTOUR INTERVAL
SHEET 5 OF 8





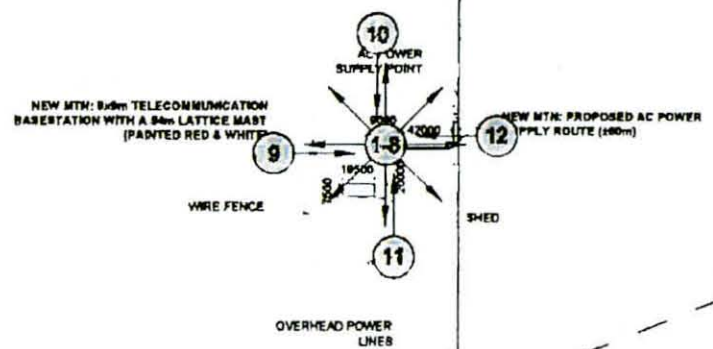


WIRE FENCE 53/2

PORTION 8 OF THE FARM WITKRAZ 53 IT

GRAVEL ROAD

TAR ROAD



53/11



1317 Protekha Street
Block 8, Protekha Complex
Harfield, 0852
Tel: +27 (17) 942 2900
Fax: +27 (17) 942 8208
Protekha Suite 148
Protekha Bldg #18
Mashai Park

SITE NAME
BALTIMORE FARM

BASE STATION NUMBER
T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES
OWNER: NEL STERNANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRAZ 53 IT

COORDINATES
LAT: 26° 10' 03.10" S
LONG: 30° 06' 24.90" E

PROJECT
NEW 890m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS
BALTIMORE FARM, OFF THE R31
CAROLINA, CHRISSESMEEP
12km SOUTH OF CAROLINA
MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES

414 Protekha Road
Sheepshoof
0154
Tel: +27 (17) 942 19048
Fax: +27 (17) 904 7072
info@infoplan.co.za
P.O. Box 32017
Tshabalala
0154

RFQ NO
146583

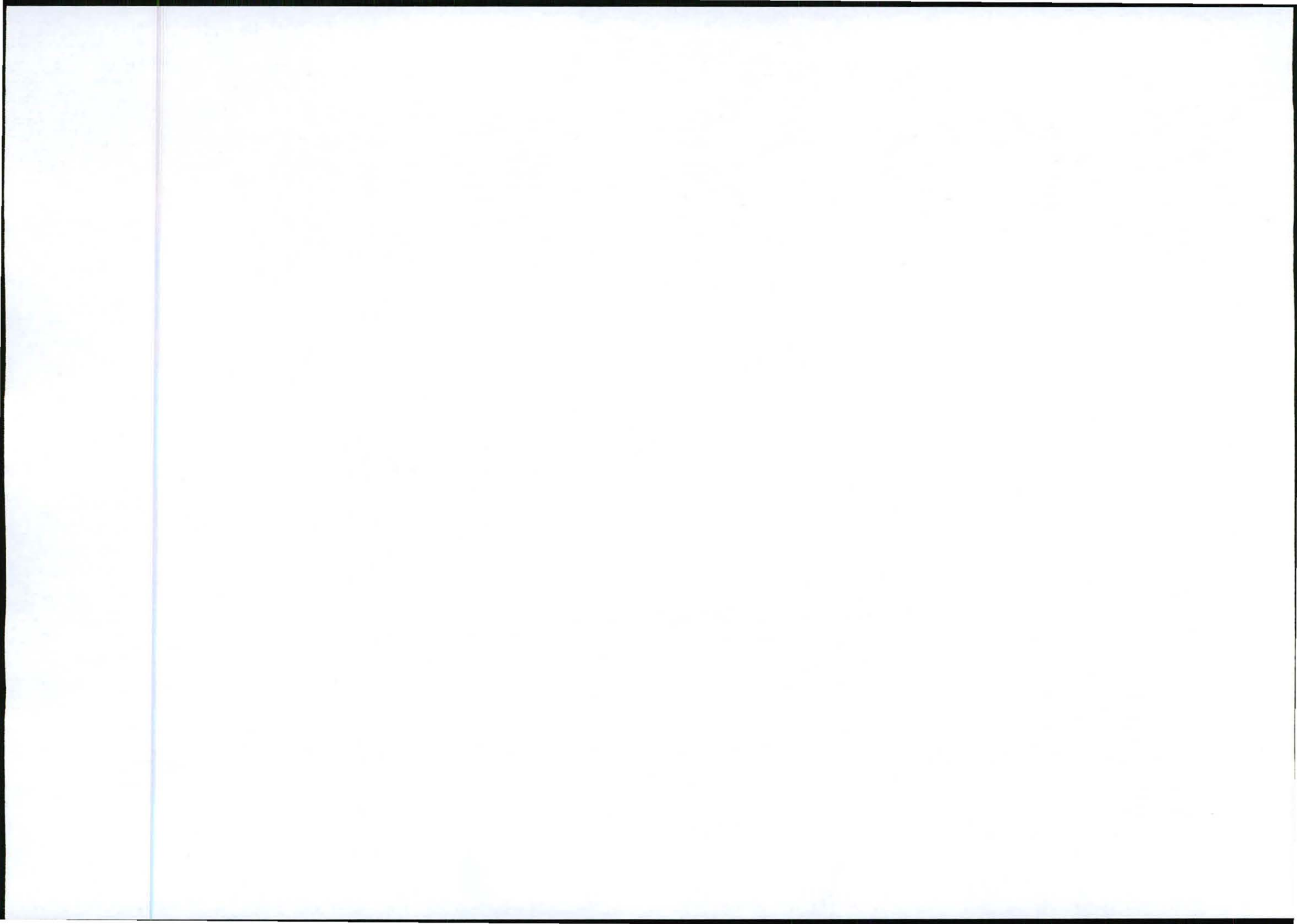
PROJECT NUMBER
115052

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

ALL WORK TO BE PERFORMED ACCORDING TO MTN ITS INTL INFRASTRUCTURE SPECIFICATION R301/001 (ISSUE 1 REVISION 8 NOVEMBER 2007)

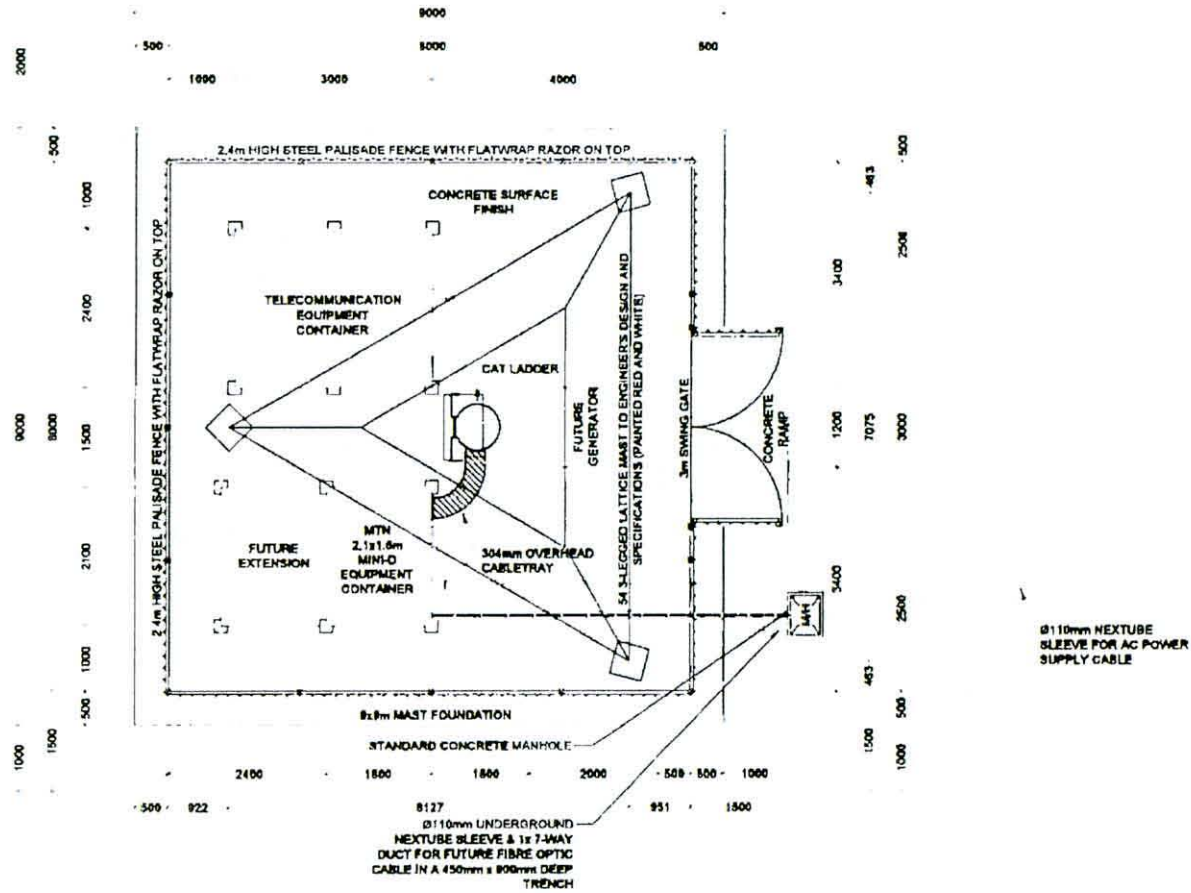
DRAWN MELISSA YOUNG **DATE** 12/09/2011
SCALE 1:3000 **REF. NO** 812/T8952

SITE PHOTOGRAPHS
SHEET 6 OF 9




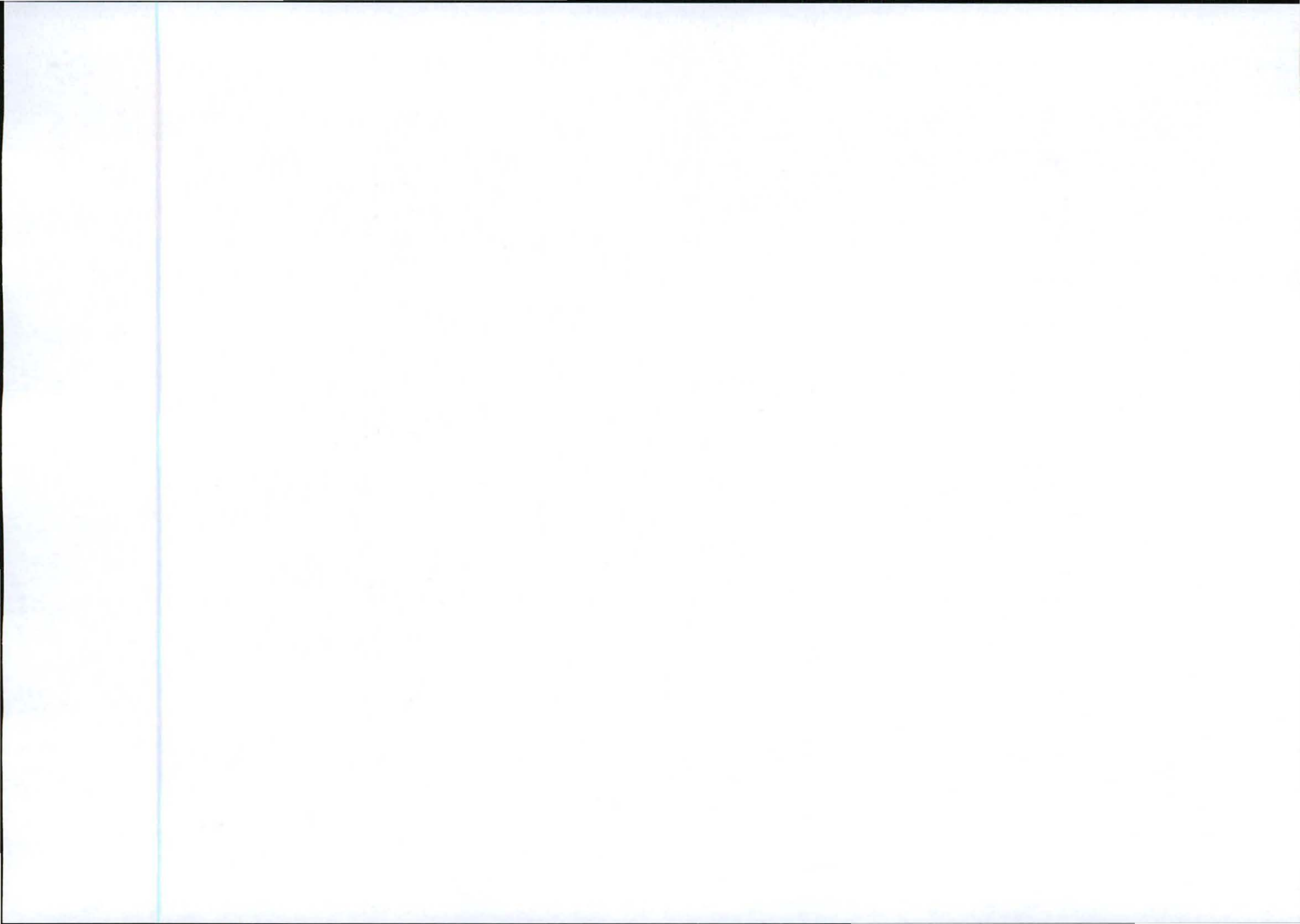


PORTION 8 OF THE FARM
WITKRANZ 53 IT



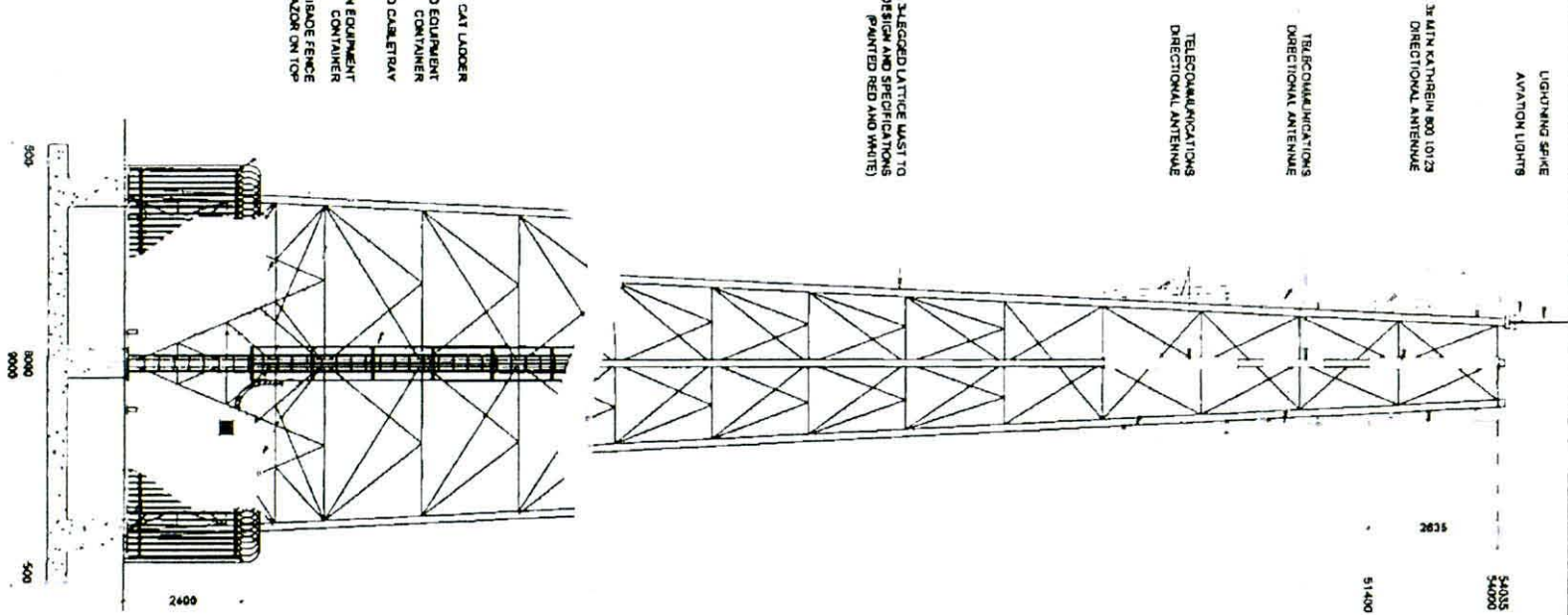
1267 Pretoria Street
Block B, Midrand Centre
Midrand, 2008
Tel: +27 (12) 342 2900
Fax: +27 (12) 342 8296
Postal Code: 148
Private Bag 2115
Midrand, 2008

SITE NAME			
BALTIMORE FARM			
BASE STATION NUMBER			
T8952			
REV	DATE	BY	DESCRIPTION
A	12/09/2011	MV	FIRST ISSUE
NOTES			
OWNER: MTL STEPHANUS JACOBUS			
STRICTLY COMPANY CONFIDENTIAL			
PROPERTY DESCRIPTION			
PORTION 8 OF THE FARM WITKRANZ 53 IT			
COORDINATES			
LAT: 26° 10' 03.10" S			
LONG: 30° 05' 39.96" E			
PROJECT			
NEW 9x9m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD			
ADDRESS			
BALTIMORE FARM OFF THE R33, CAROLINA - CHRIS SIERMEER, #12km SOUTH OF CAROLINA, MPLUMALANGA			
INFRASTRUCTURE PLANNING SERVICES			
414 Roodie Street Midrand 2008		Tel: +27 (12) 854 9549 Fax: +27 (12) 854 7072 info@infoplanning.co.za	
P.O. Box 22017 Tollfree 01 54			
RFQ NO			
146583			
PROJECT NUMBER			
115062			
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.			
ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION R001/1001			
ISSUE 1 REVISION 9 NOVEMBER 2007			
DRAWN: MELISSA YOUNG		DATE: 12/08/2011	
SCALE: 1:75		REF. NO: 812710952	
SITE DETAIL SHEET 7 OF 9			



MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC TILT	FEDDER SIZE	FEDDER LENGTH (m)
1	0°	K80010123	51.4			7/8"	2.58
2	120°	K80010123	51.4			7/8"	2.58
3	240°	K80010123	51.4			7/8"	2.58



TELECOMMUNICATION EQUIPMENT CONTAINER
 2.4m HIGH STEEL PALISADE FENCE WITH FLATWARP RAZOR ON TOP

300mm OVERHEAD CABLETRAY
 MIMO 2 1/2 1st 6m MIMO EQUIPMENT CONTAINER

CAT LADDER

1817 Peachtree Street
 Suite 200
 Atlanta, GA 30309
 Phone: 404.271.5400
 Fax: 404.271.5400
 Website: www.mtn.com

1817 Peachtree Street
 Suite 200
 Atlanta, GA 30309
 Phone: 404.271.5400
 Fax: 404.271.5400
 Website: www.mtn.com

SITE NAME BALTIMORE FARM

BASE STATION NUMBER T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES

OWNER: MTS STEPHENS JACOBS

PROPERTY DESCRIPTION
 PORTION B OF THE FARM WITH PARCEL 53.11

COORDINATES
 LAT: 28 19 03.10" S
 LONG: 80 05 39.86" E

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

ADDRESS
 BALTIMORE FARM OFF THE RD 11
 CAROLINA, VIRGINIA
 22704

INFRASTRUCTURE PLANNING SERVICES

IPS

414 Peachtree Street
 Atlanta, GA 30309
 Phone: 404.271.5400
 Fax: 404.271.5400
 Website: www.mtn.com

RFQ NO 146193

PROJECT NUMBER 119002

DRAWINGS MUST NOT 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.

ALL WORK TO BE PERFORMED ACCORDING TO MTN BLS 8175
 OF WORK.

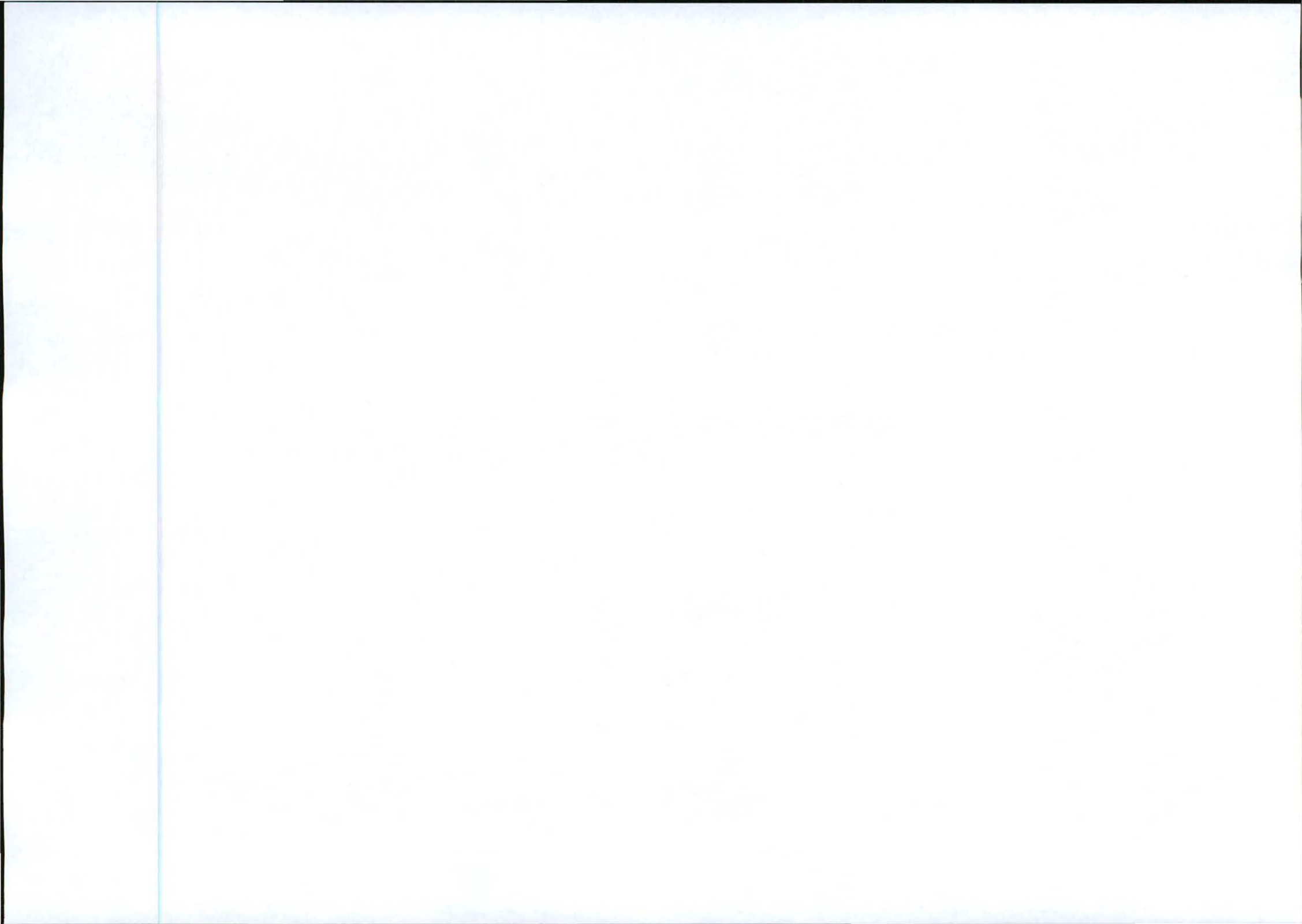
USED DRAWINGS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

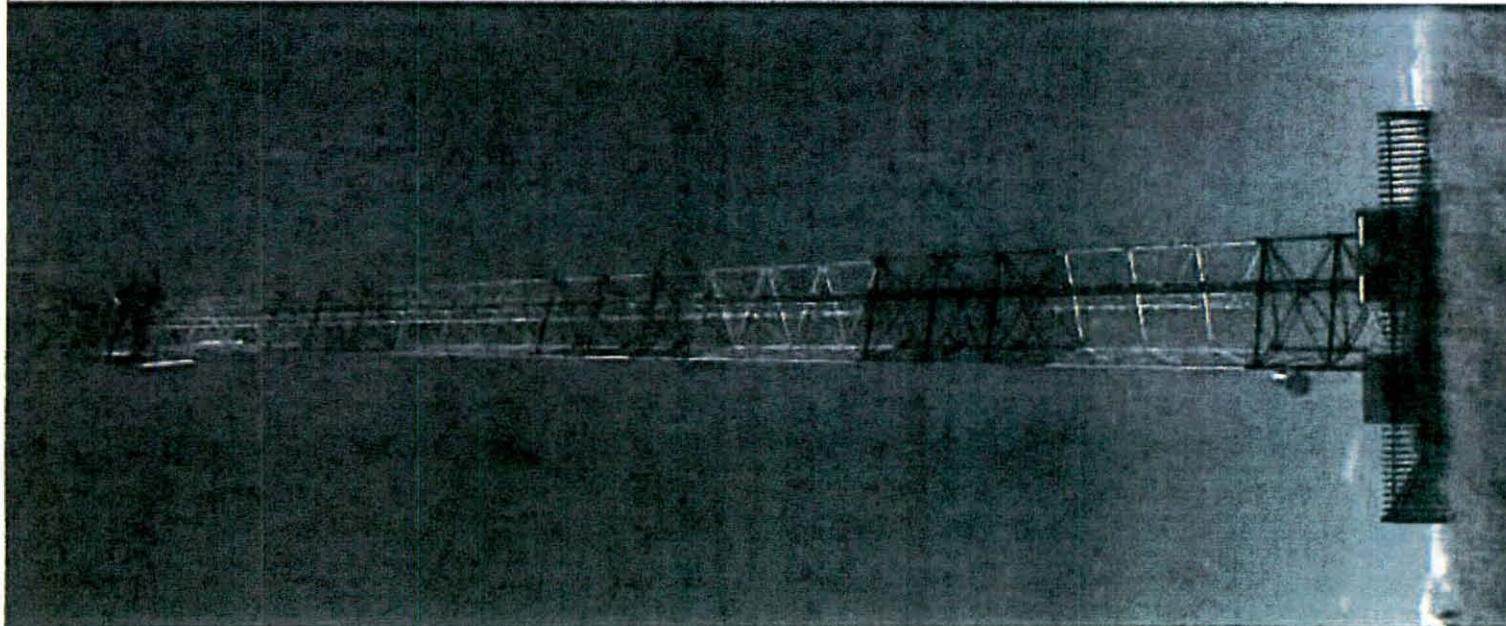
DATE: 12/09/2011
 DRAWN: MELISSA YOUNG
 SCALE: 1:100
 REF. NO: 817/1892

EAST ELEVATION

SHEET 8 OF 9







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



1267 Proteon Street
Block B, Hillside Campus
Hillside 0203

Tel: +27 (0) 342 2900
Fax: +27 (0) 342 8899

Postal Suite 140
Private Bag 219
Middeburg

SITE NAME: **BALTIMORE FARM**

GRID SYSTEM NUMBER: **T8952**

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES

OWNER: NEL STEPHANUS JACOBS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION B OF THE FARM WITH KRA 2 53 IT

COORDINATES
LAT: 28° 10' 03" 10" S
LONG: 30° 06' 39" 95" E

PROJECT
NEW 999m TELECOMMUNICATION BASE STATION
WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS
BALTIMORE FARM OFF THE R33
CAROLINA - CHRISSES MEER
±120m SOUTH OF CAROLINA
MPLUMALANGA

INFRASTRUCTURE PLANNING SERVICES

414 Rusk Road
Hillside
0203

Tel: +27 (0) 342 19000
Fax: +27 (0) 342 7072
info@ipsplan.co.za

P.O. Box 33017
Tembisa
0183

RFO NO: 146583

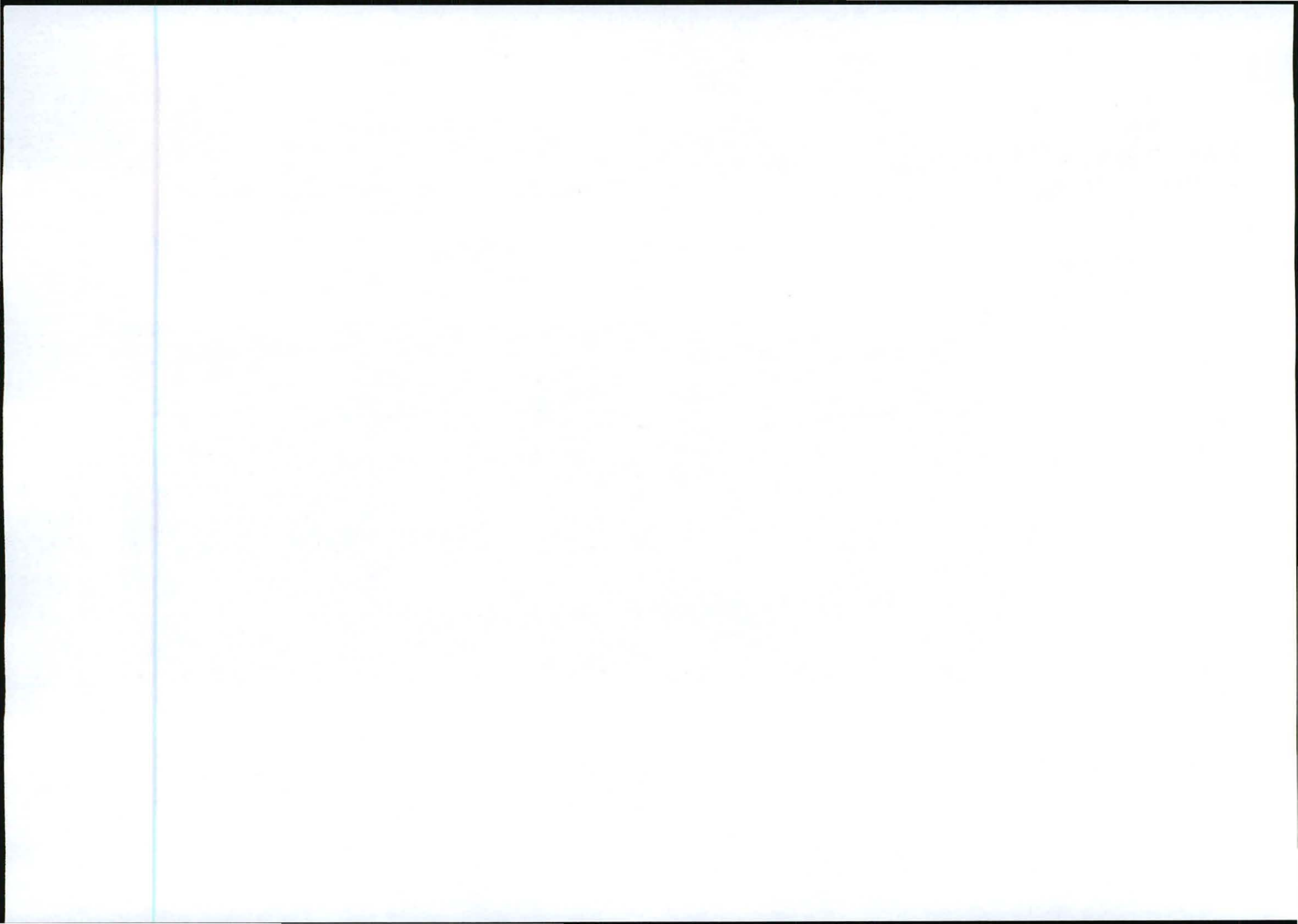
PROJECT NUMBER: 115052

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
ALL WORK TO BE PERFORMED ACCORDING TO MTH SITE INFRASTRUCTURE SPECIFICATION RFO1-1001
ISSUE 1 REVISION 6 NOVEMBER 2007

DRAWN: MELISSA YOUNG DATE: 12/09/2011

SCALE: NTS REF. NO: 812/T8952

FACILITY ILLUSTRATION
SHEET 9 OF 9



Our Reference:
T8952 / 17/2/3/GS-51

Your Reference:



2 February 2012

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

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Attention: Mr M.A.Ngcobo
Environmental Management Section

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousesolutions.co.za

Facsimile: (017) 631 1607
E-mail:

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (cc & ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 8 OF THE FARM WITKRAANZ 53 IT.

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

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

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

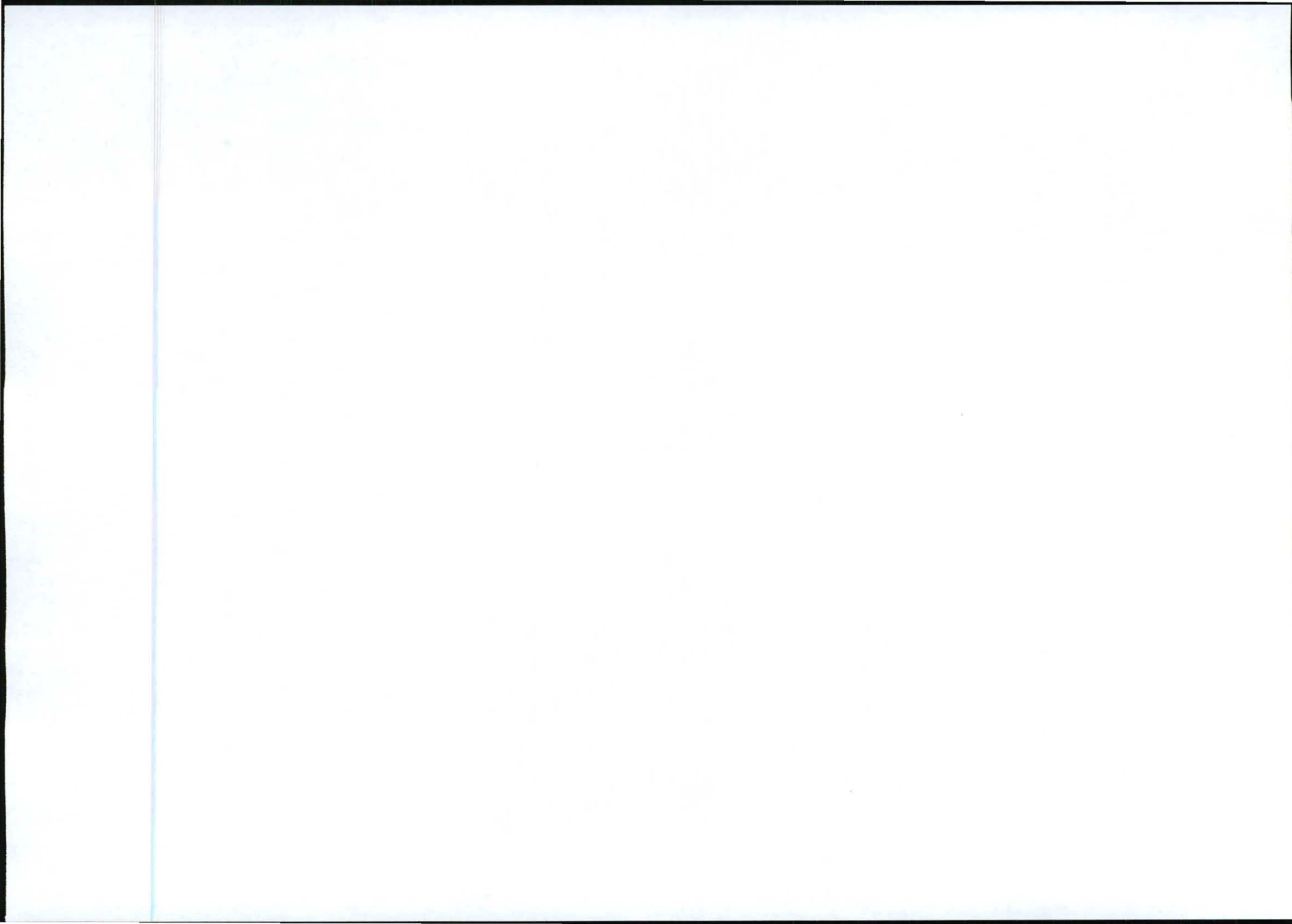
Kind Regards,



WA VAN'T FOORT

For: Torbious Solutions cc

Comments:



Our Reference:
T8952 / 17/2/3/GS-51

Your Reference:



2 February 2012

The Municipal Manager
Msukaligwa Local Municipality
P.O.Box 48
Ermelo
2350

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Attention: Mr T.Dlamini
Environmental Management Section

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Facsimile: (017) 801 3504
E-mail:

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b): (a) ii (cc & ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 8 OF THE FARM WITKRANZ 53 IT.

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

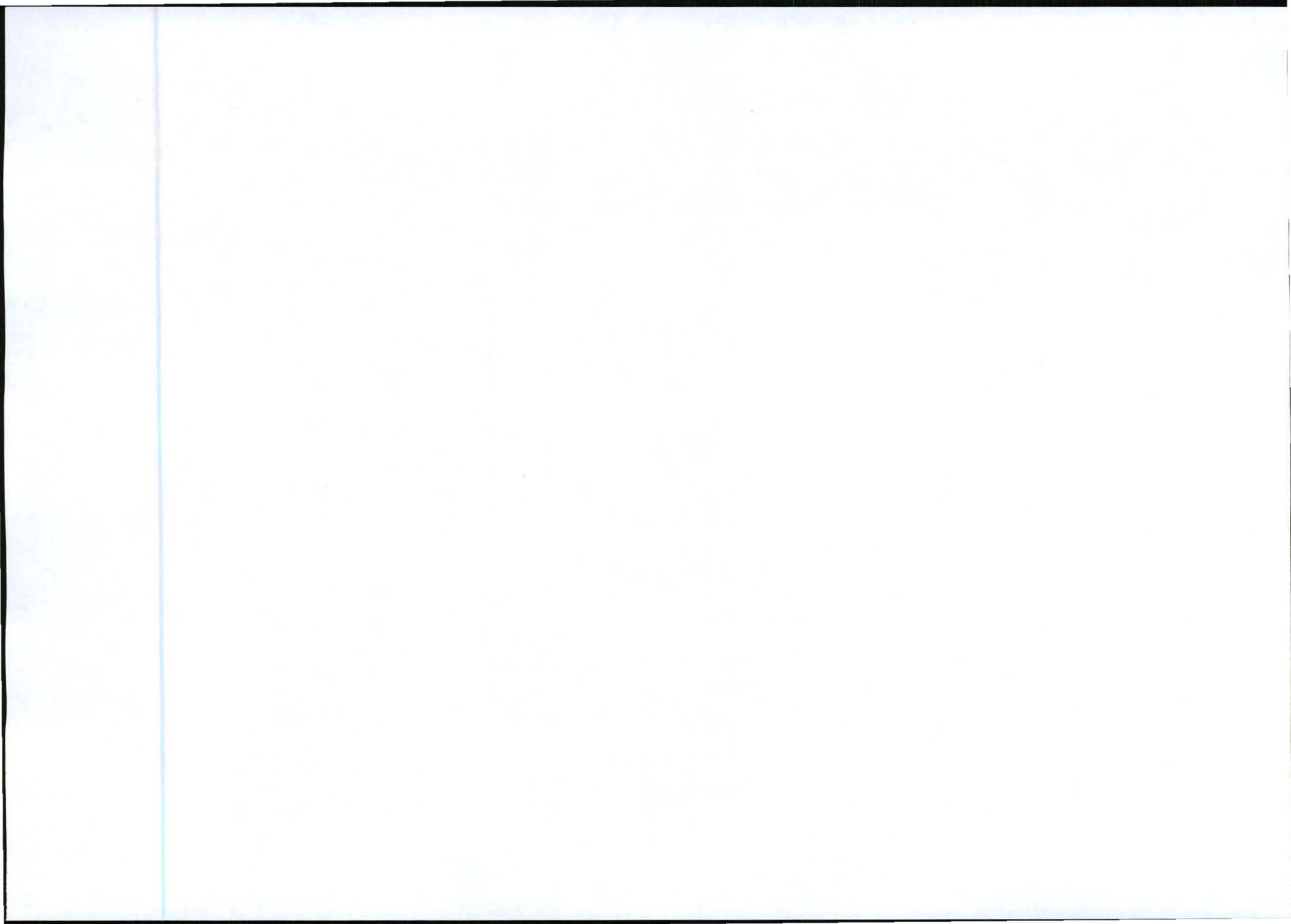
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application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

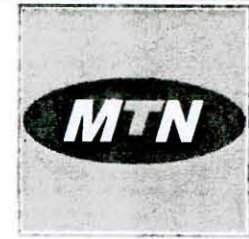
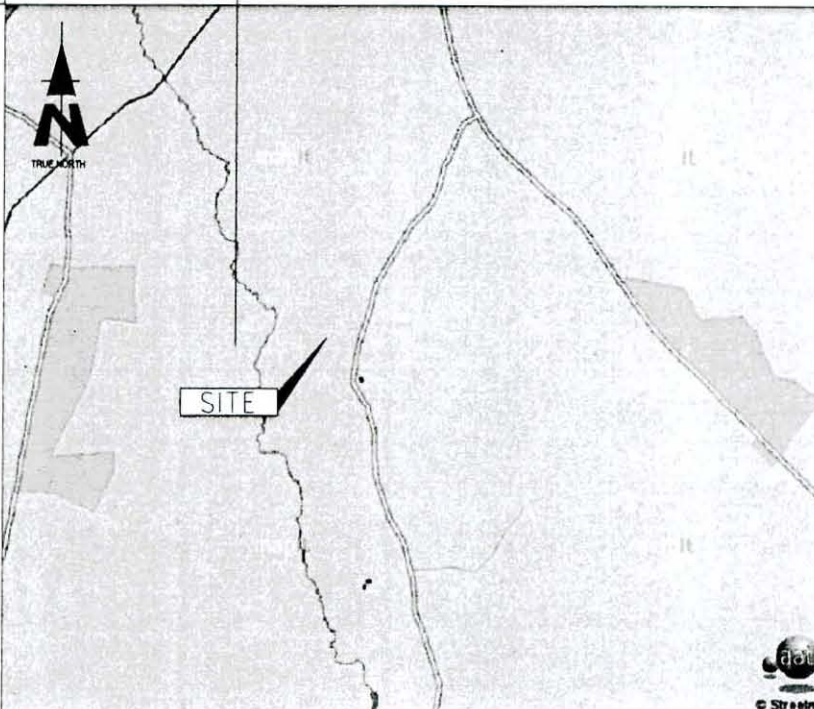
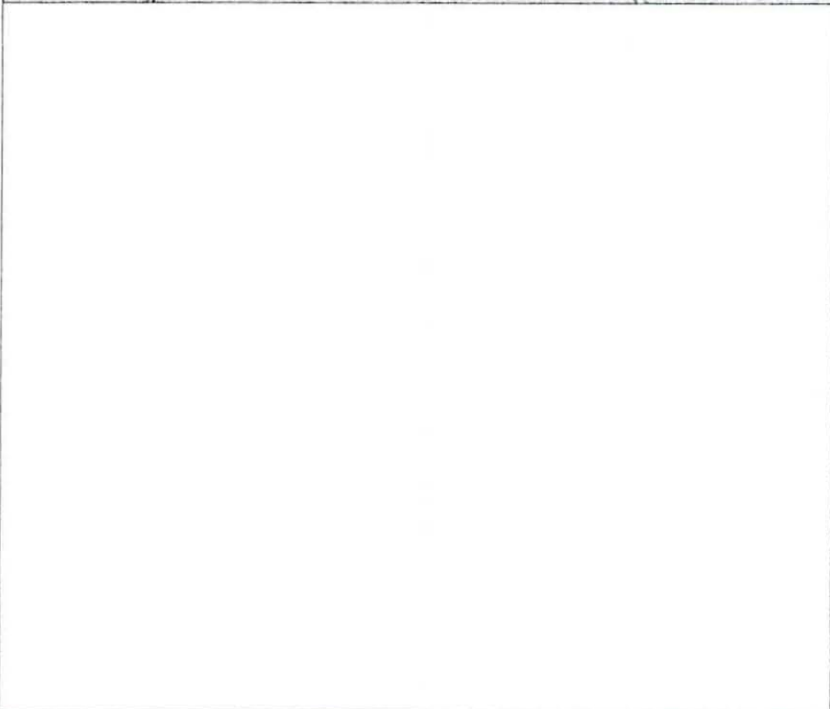
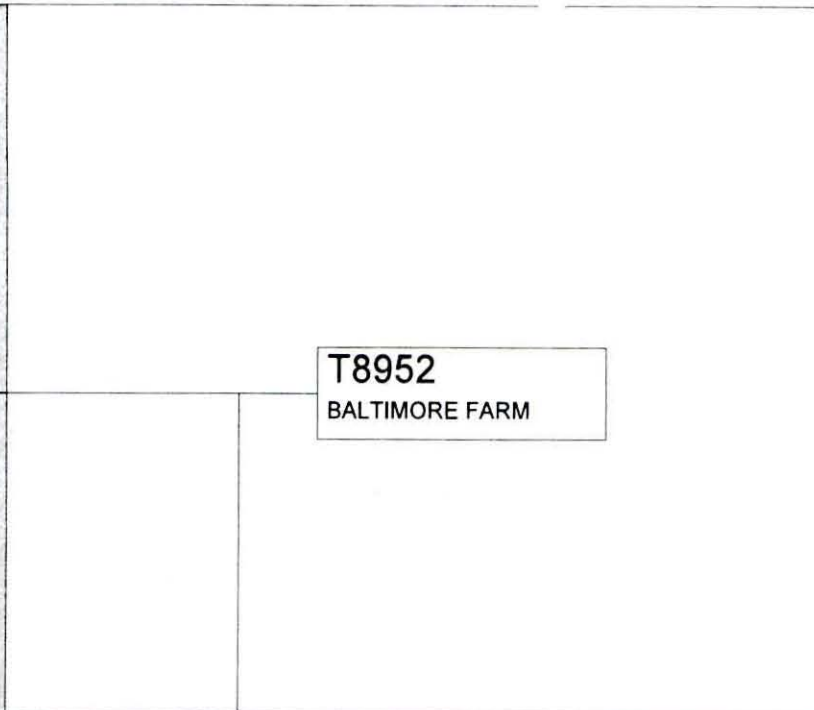
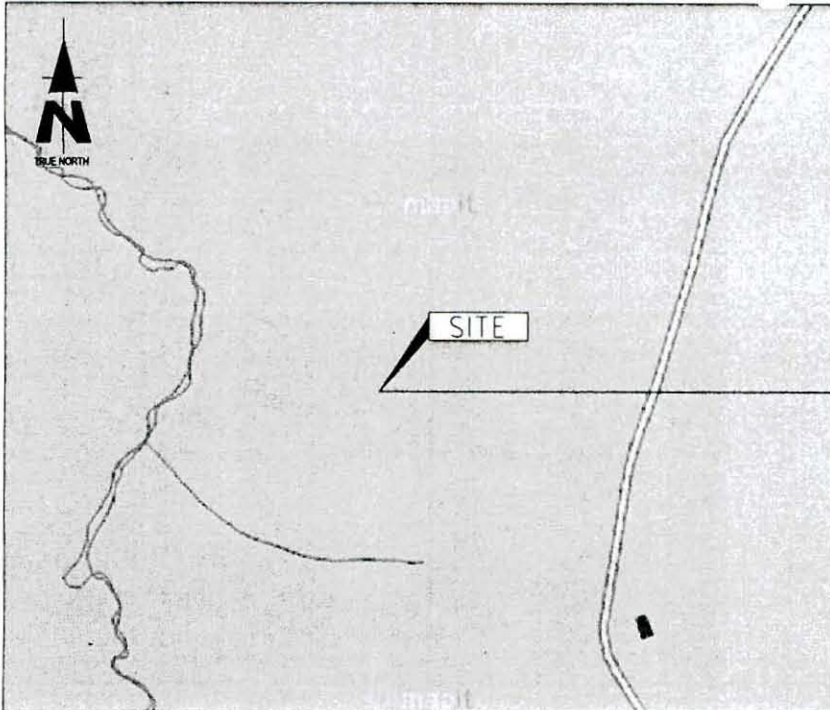
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

WA VAN'T FOORT
For: Torbious Solutions cc

Comments:





1267 Pretorius Street
Block B, Madafelais Complex
Hatfield, 0083

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

Postnet Suite 146
Private Bag X15
Meyers Park

SITE NAME: **BALTIMORE FARM**

BASE STATION NUMBER: **T8952**

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES

OWNER: NEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRAANZ 53 IT

COORDINATES
LAT 26° 10' 03, 10" S
LONG 30° 06' 39, 96" E

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

ADDRESS
BALTIMORE FARM, OFF THE R33,
CAROLINA - CHRISSIESMEER,
±12km SOUTH OF CAROLINA,
MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES 

414 Rustic Road
Silvertondale
0184

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

P.O. Box 32017
Tolusdal
0134

RFQ NO: 146583

PROJECT NUMBER: 115052

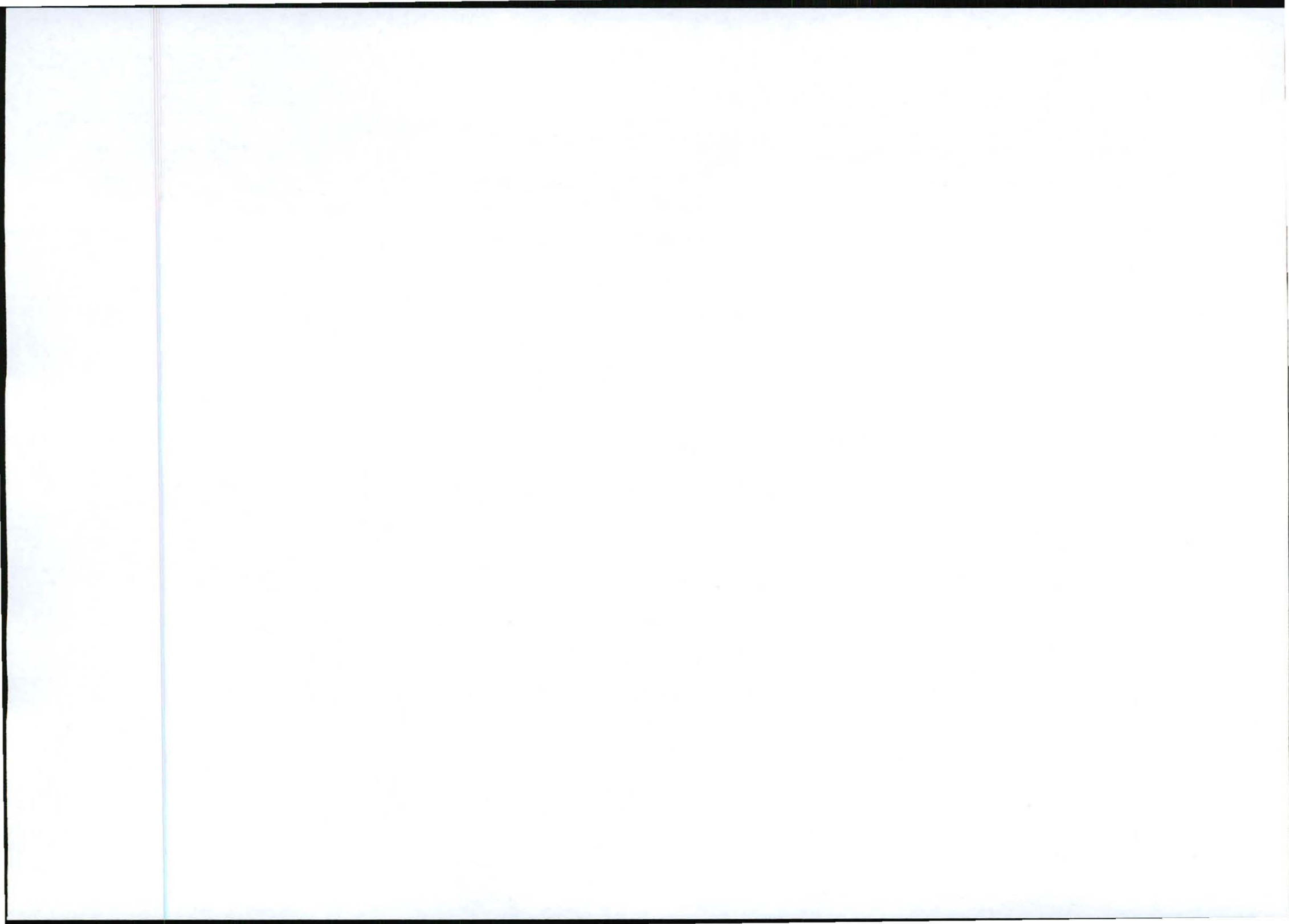
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R101/1001 ISSUE 1 REVISION 0 NOVEMBER 2007

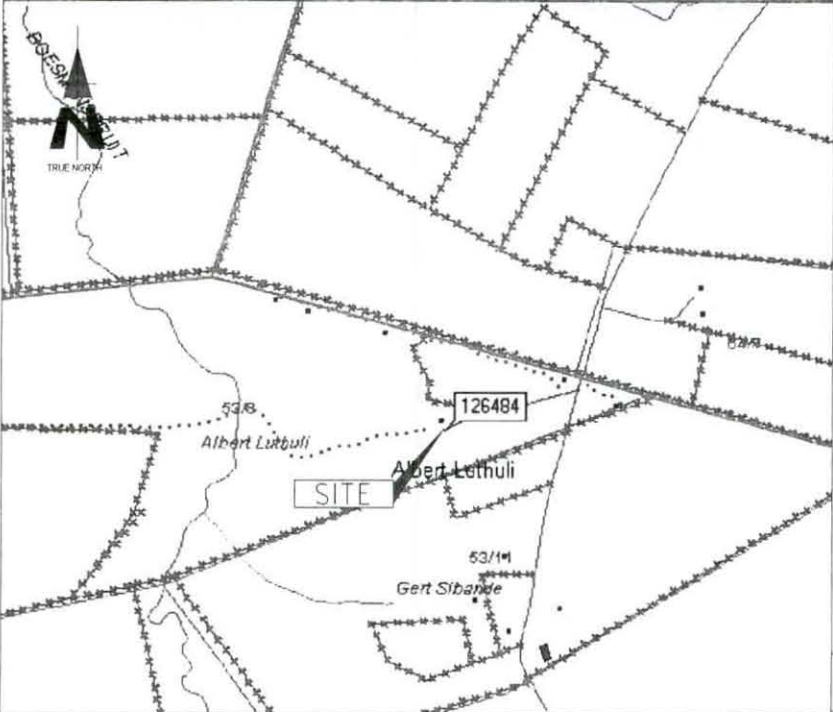
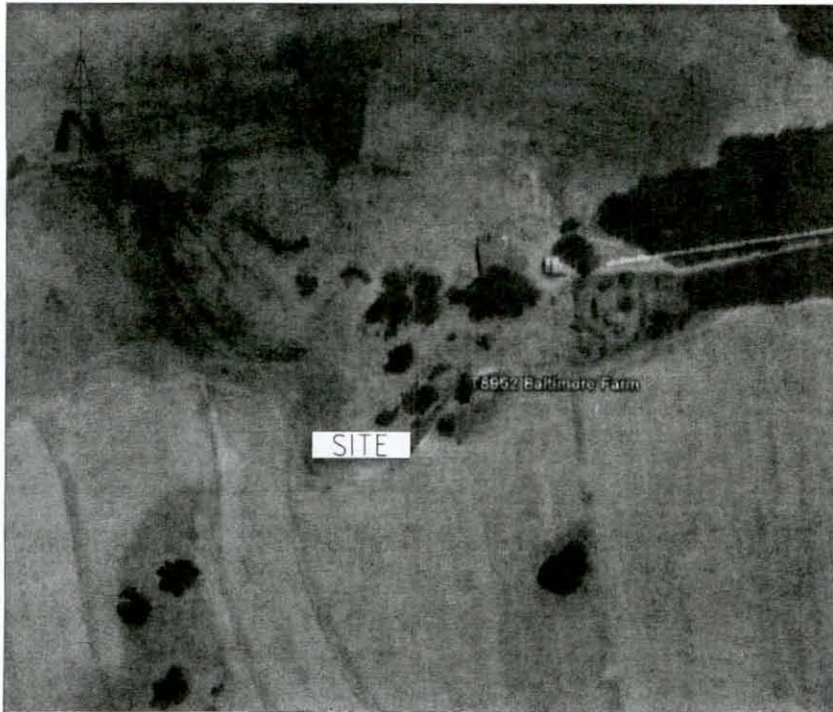
DRAWN: MELISSA YOUNG DATE: 12/09/2011

SCALE: NTS REF. NO: 812/T8952



LOCALITY MAP
SHEET 1 OF 9

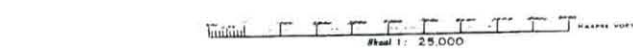
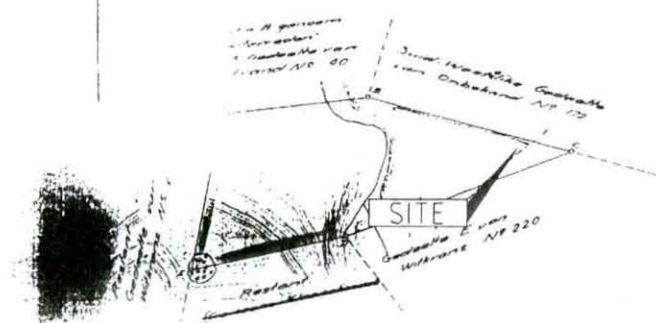




Goedgekeurde Landmeter Getuinde

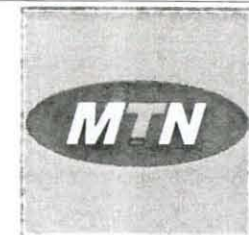
RYK	BOEK	BLAD	ADRESSTREEK
20	1000	12	100
20	1000	12	100
20	1000	12	100
20	1000	12	100
20	1000	12	100

Bevestiging van Reëlens
 A. Van C. Van der Merwe
 B. Smoor van der Merwe
 C. Smoor van der Merwe
 D. Smoor van der Merwe
 E. Van der Merwe



Die figuur is getuinde en getuinde deur my
 WITKRANZ N° 220
 Gemeente van Erven 1936 deur my

Hierdie kaart is getuinde deur my
 Die oorspronklike kaart is No. 126484
 getuinde deur my op 12/09/2011
 No. 126484
 12/09/2011



1267 Pretorius Street
 Block B, Hardsfakts Complex
 Hatfield, 0083
 Tel: +27 (12) 342 2900
 Fax: +27 (12) 342 9208
 Postnet Suite 146
 Private Bag 215
 Menlo Park

SITE NAME: **BALTIMORE FARM**

BASE STATION NUMBER: **T8952**

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES:
 OWNER: NEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION
 PORTION 8 OF THE FARM WITKRANZ 53 IT

COORDINATES
 LAT: 26° 10' 03.10" S
 LONG: 30° 05' 39.96" E

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

ADDRESS
 BALTIMORE FARM, OFF THE R33,
 CAROLINA - CHRISSESMEER,
 ±12km SOUTH OF CAROLINA
 MPUMALANGA



414 Rustic Road
 Sibonindole
 0184
 Tel: +27 (12) 804 15045
 Fax: +27 (12) 804 7072
 admin@infraplan.co.za
 P.O. Box 32017
 Tlokweng
 0134

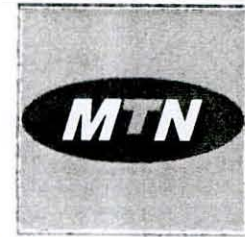
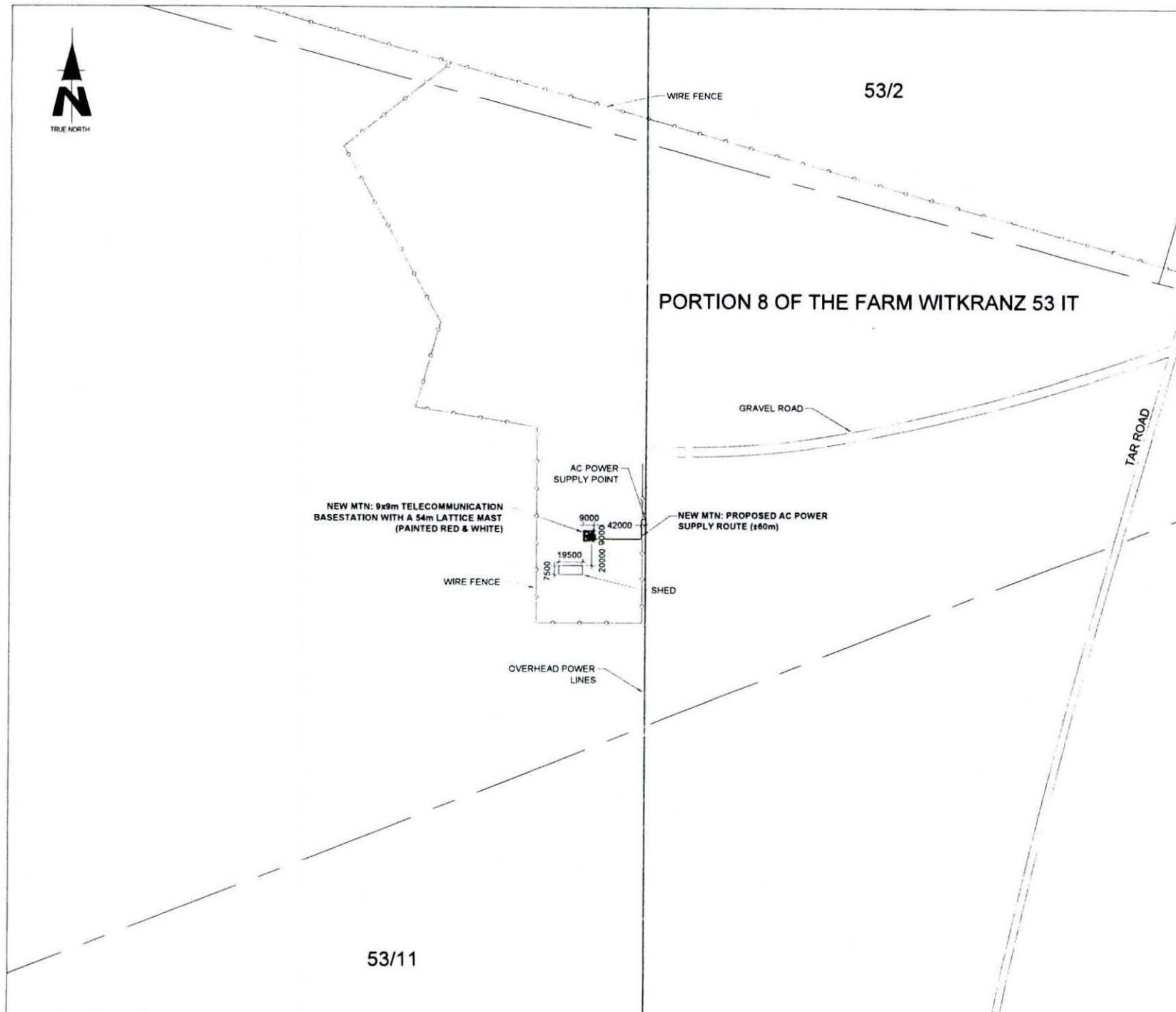
RFO NO:
 146583
 PROJECT NUMBER:
 115052

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R101/1001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: MELISSA YOUNG
 DATE: 12/09/2011
 SCALE: NTS
 REF. NO: 812/T8952

CADASTRAL INFO
 SHEET 2 OF 9





1267 Pretorius Street Tel: +27 (12) 342 2900 Postnet Suite 146
 Block B, Hadevelds Complex Fax: +27 (12) 342 9208 Private Bag 515
 Hatfield, 0083 Meridale Park

SITE NAME

BALTIMORE FARM

BASE STATION NUMBER

T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES

OWNER: NEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL
 PROPERTY DESCRIPTION
 PORTION 8 OF THE FARM WITKRA NZ 53 IT

COORDINATES
 LAT: 26° 10' 03. 10" S
 LONG: 30° 06' 39. 96" E

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

ADDRESS
 BALTIMORE FARM, OFF THE R33,
 CAROLINA - CHRISSESMEER,
 ±12km SOUTH OF CAROLINA,
 MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES 

414 Rustic Road Tel: +27 (12) 804 15046 P.O. Box 32017
 Silverdale Fax: +27 (12) 804 7072 Tokusdal
 0154 admin@infaplan.co.za 0134

RFD NO.
 146583

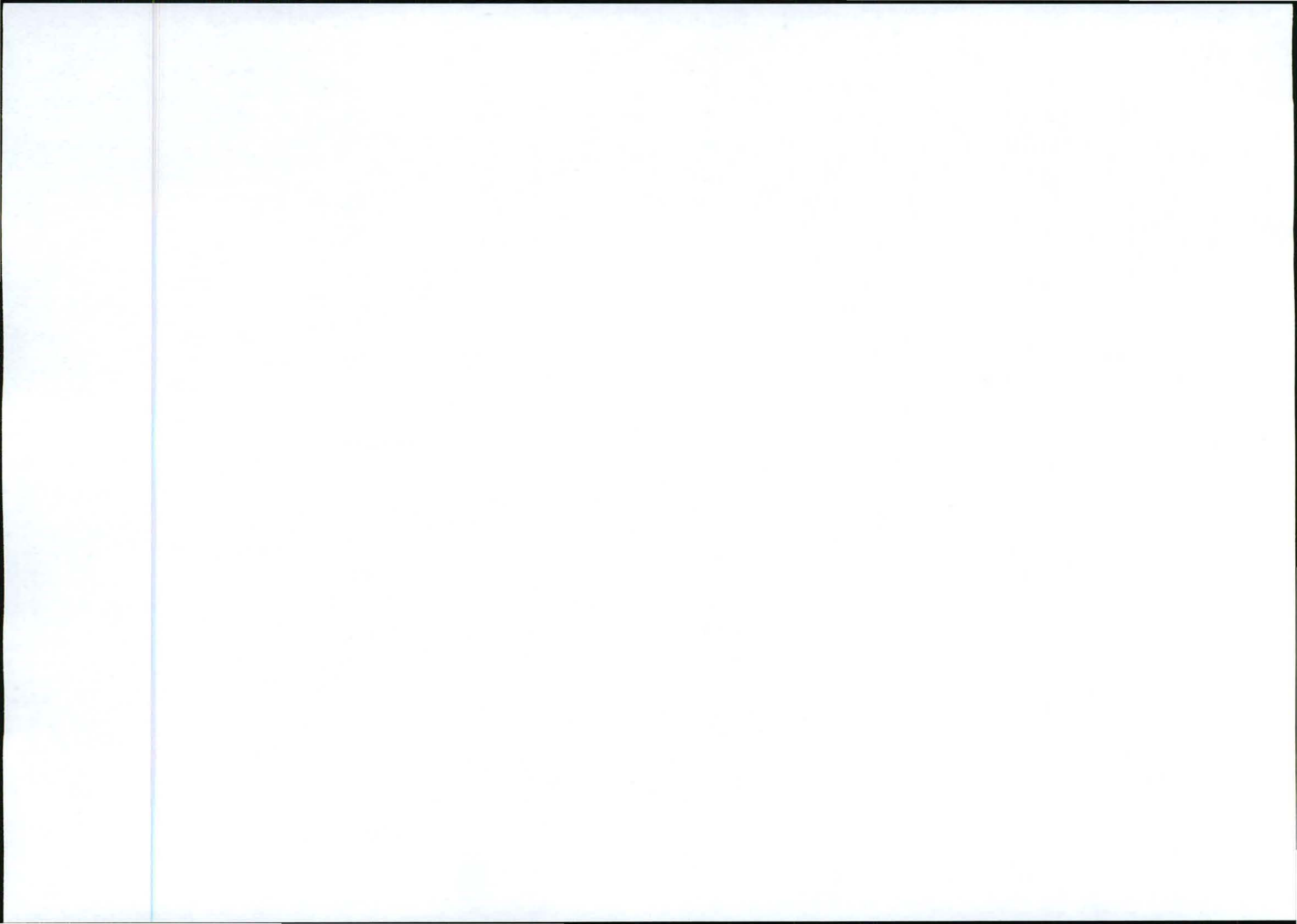
PROJECT NUMBER
 115052

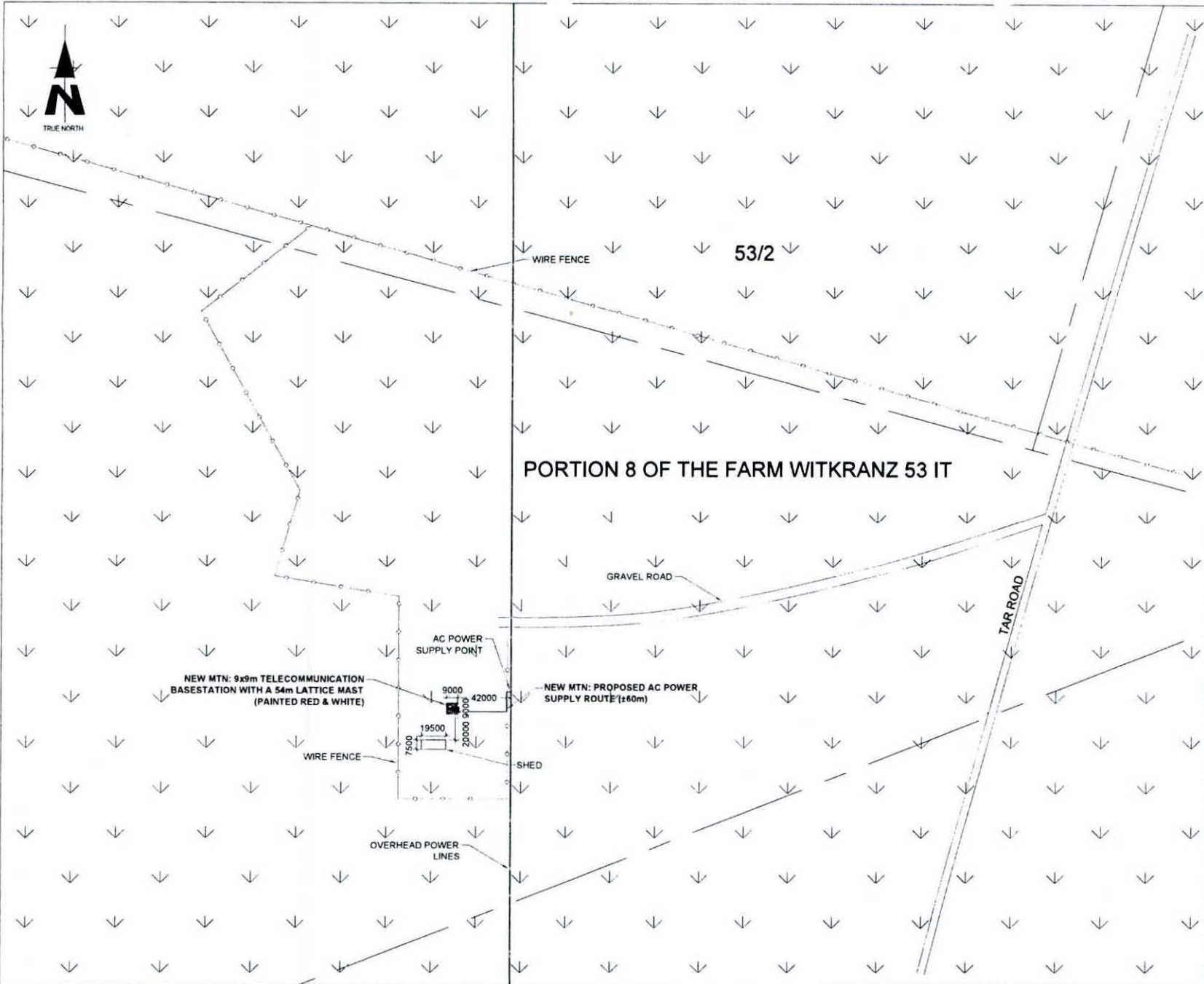
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R101/1001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: MELISSA YOUNG DATE: 12/09/2011

SCALE: 1:3000 REF. NO: 812/T8952

**SITE DEVELOPMENT PLAN
 SHEET 3 OF 9**





1267 Pretorius Street
Block B, Hadsfields Complex
Hatfield, 0083
Tel: +27 (12) 342 2900
Fax: +27 (12) 342 9208
Postal Suite 146
Private Bag X15
Mankwato

SITE NAME: **BALTIMORE FARM**

BASE STATION NUMBER: **T8952**

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES
OWNER: NEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRAZ 53 IT

COORDINATES:
LAT: 26° 10' 03. 10" S
LONG: 30° 06' 39. 96" E

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

ADDRESS:
BALTIMORE FARM, OFF THE R33,
CAROLINA - CHRISSESMEEER,
±12km SOUTH OF CAROLINA
MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES 

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

RFO NO:
146583
PROJECT NUMBER:
115052

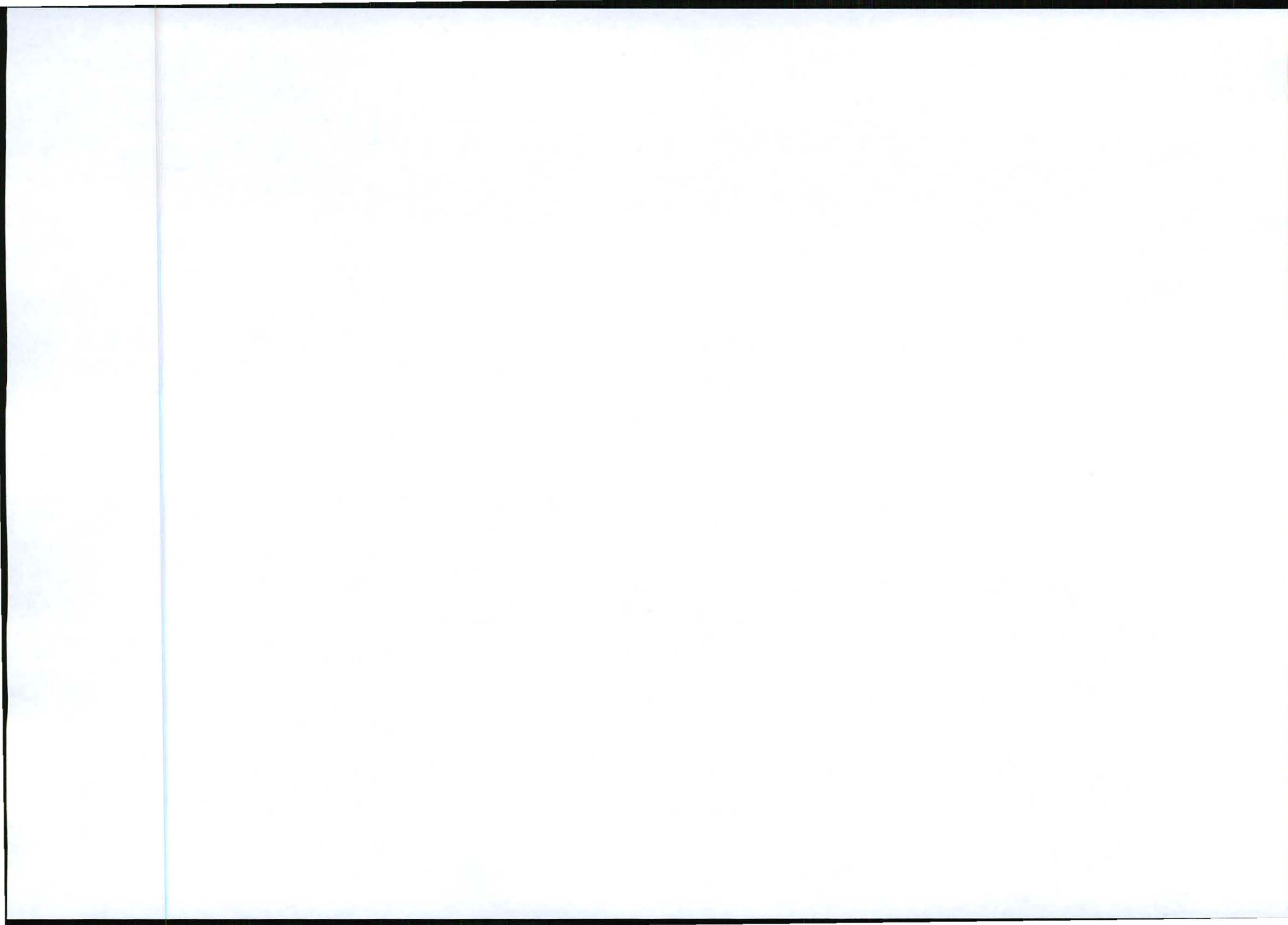
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R/01/1001
ISSUE 1 REVISION 0 NOVEMBER 2007

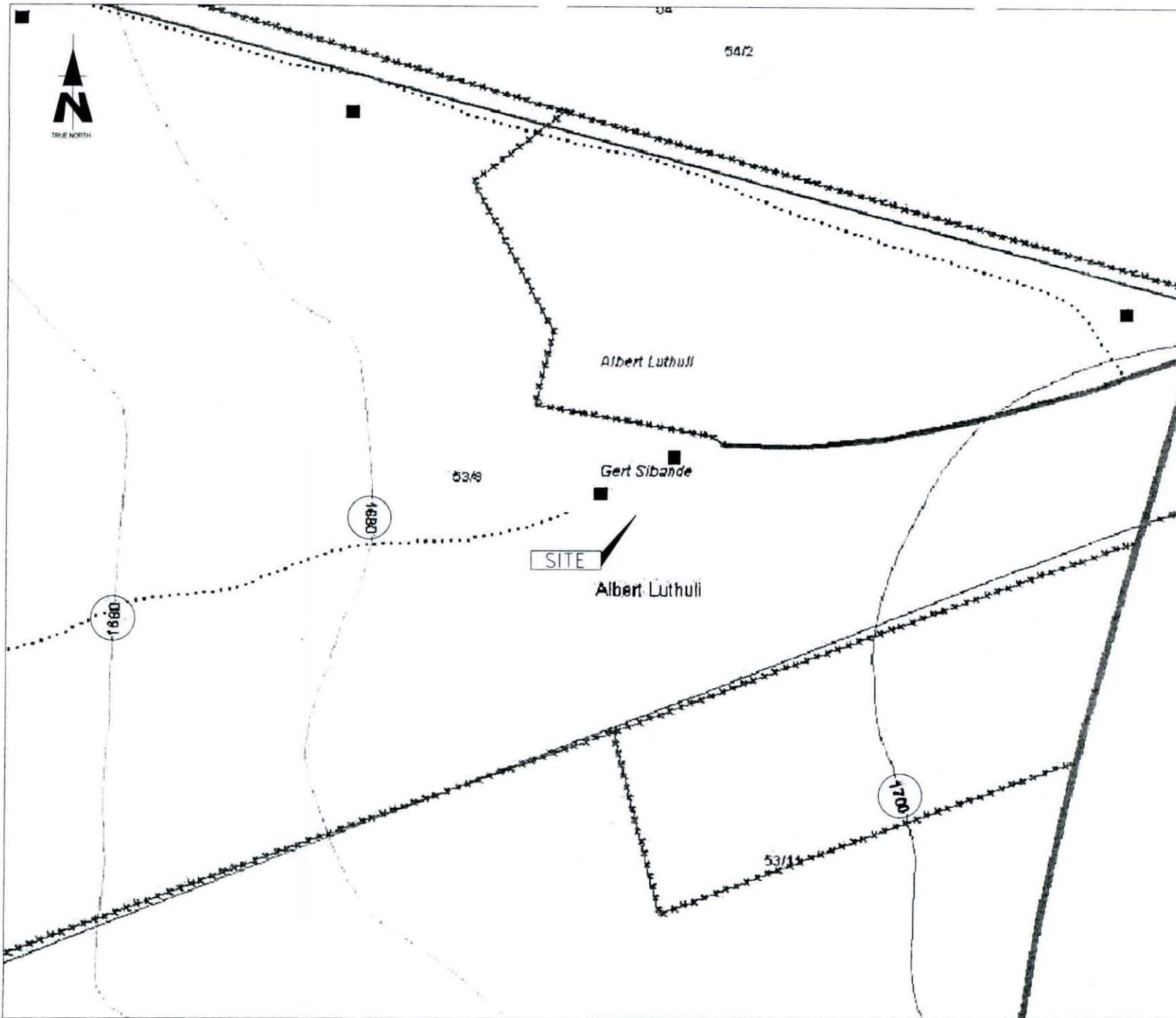
DRAWN: MELISSA YOUNG
SCALE: 1: 3000
DATE: 12/09/2011
REF. NO: 812/T8952

AGRICULTURAL



CURRENT LAND USE
SHEET 4 OF 9





1267 Pretorius Street
Block B, Hadebeids Complex
Harfield, 0083

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

Postnet Suite 146
Private Bag X15
Merle Park

SITE NAME			
BALTIMORE FARM			
BASE STATION NUMBER			
T8952			
REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES

OWNER: NEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRAANZ 53 IT

COORDINATES
LAT. 26° 10' 03. 10" S
LONG. 30° 06' 39. 96" E

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

ADDRESS
BALTIMORE FARM, OFF THE R33,
CAROLINA - CHRISSESMEER,
±12km SOUTH OF CAROLINA,
MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES



414 Rudio Road
Sivertonville
0184

Tel: +27 (12) 804 15045
Fax: +27 (12) 804 7072
admin@infraplan.co.za

P.O. Box 32017
Trompsburg
0134

RFQ NO.
146583

PROJECT NUMBER
115052

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

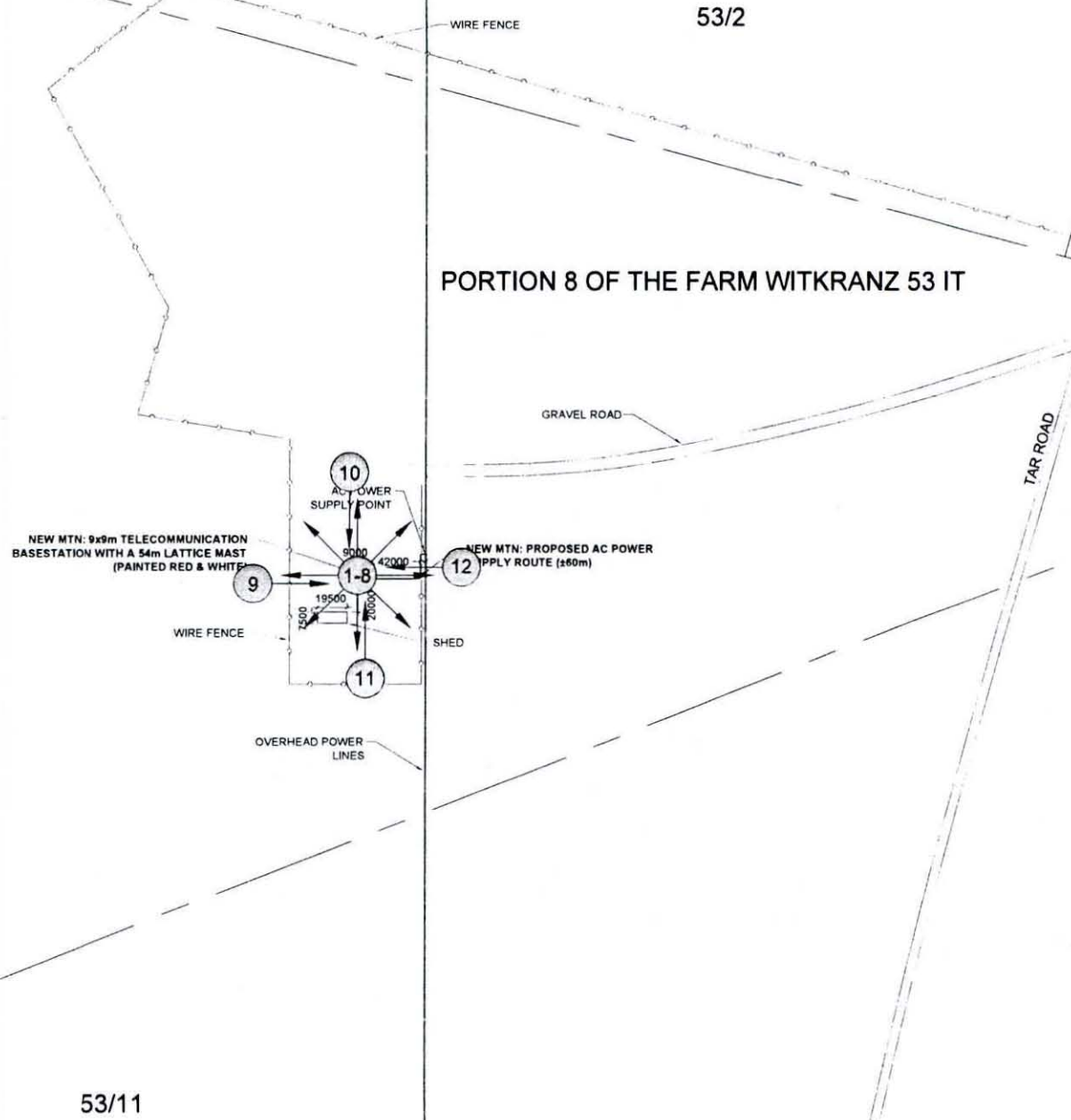
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R101/1001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: MELISSA YOUNG DATE: 12/09/2011

SCALE: NTS REF. NO: 812/T8952

CONTOUR INTERVAL
SHEET 5 OF 9





1267 Pretorius Street
Block B, Hatfield Complex
Hatfield, 0083

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

Postnet Suite 146
Private Bag X15
Menlo Park

SITE NAME: **BALTIMORE FARM**

BASE STATION NUMBER: **T8952**

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES
OWNER: NEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRA NZ 53 IT

COORDINATES
LAT: 26° 10' 03.10" S
LONG: 30° 06' 39.96" E

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

ADDRESS:
BALTIMORE FARM, OFF THE R33,
CAROLINA - CHRISSIESMEER,
±12km SOUTH OF CAROLINA,
MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES



414 Rustic Road
Sivertordale
0184

Tel: +27 (12) 804 1504/5
Fax: +27 (12) 804 7072
admin@infraplan.co.za

P.O. Box 32017
Totiusdal
0134

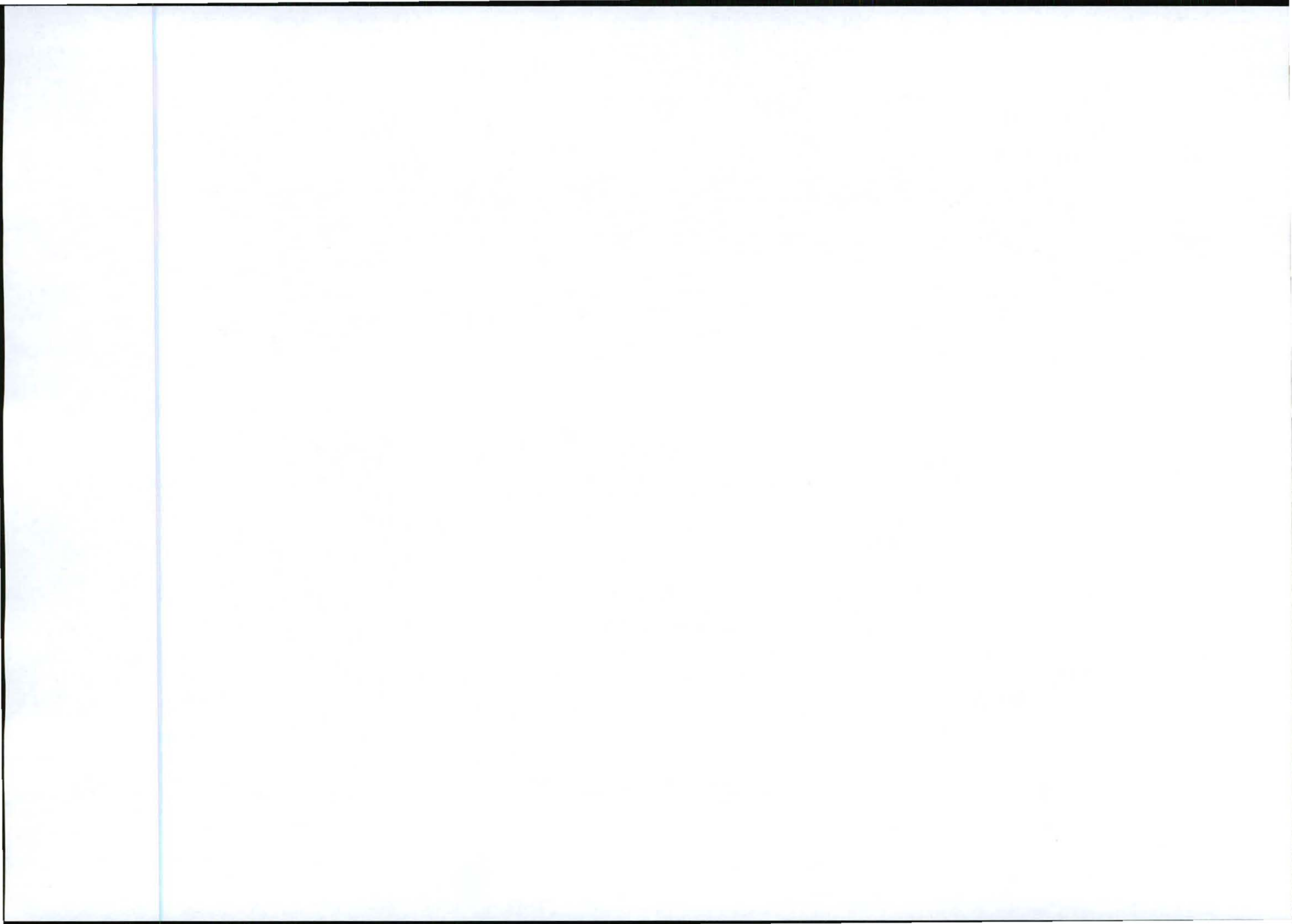
RFD NO:
146583

PROJECT NUMBER:
115052

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R101/1001 ISSUE 1 REVISION 0 NOVEMBER 2007

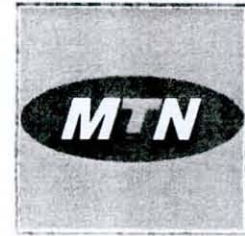
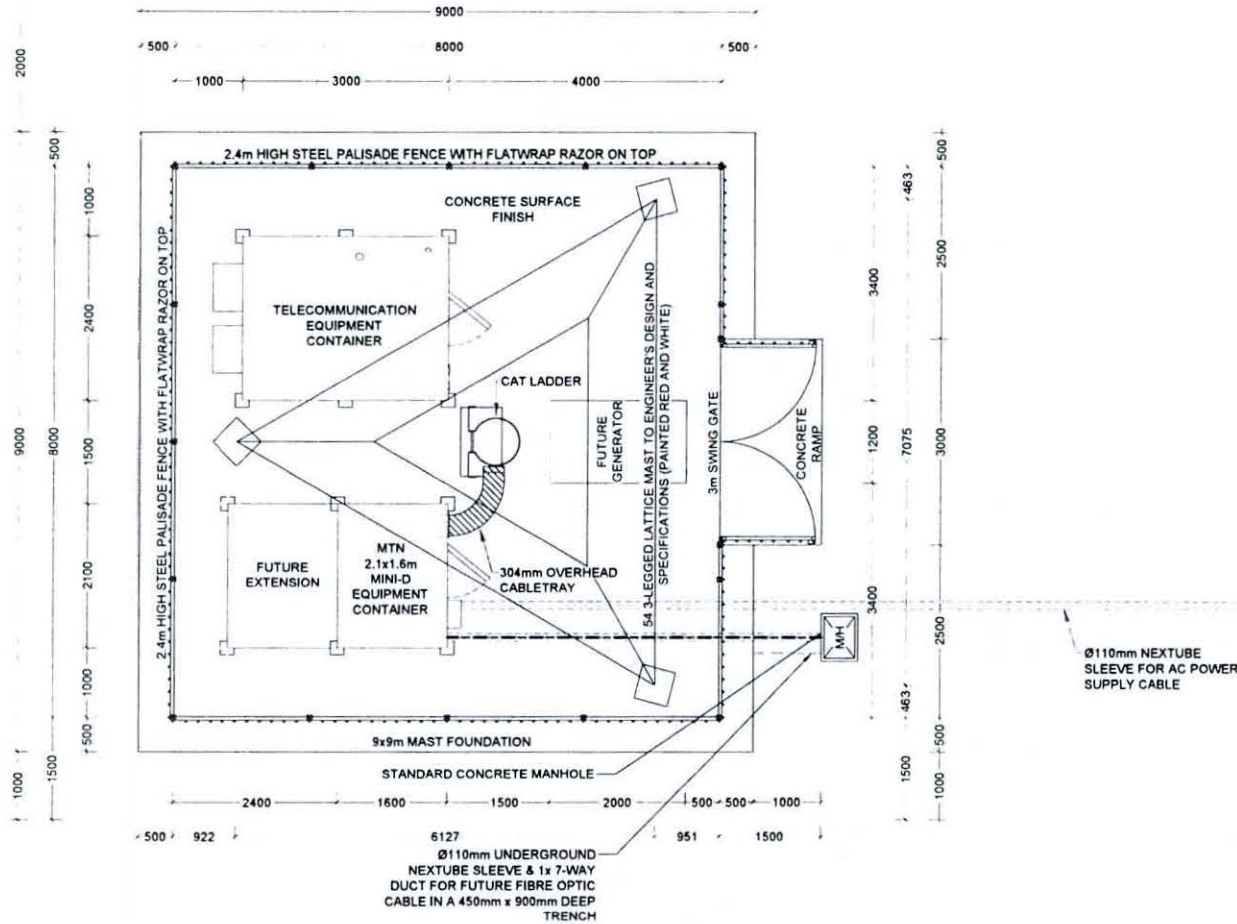
DRAWN: MELISSA YOUNG DATE: 12/09/2011
SCALE: 1:3000 REF. NO: 812/T8952

SITE PHOTOGRAPHS
SHEET 6 OF 9





PORTION 8 OF THE FARM
WITKRANZ 53 IT



1267 Pretorius Street
Block B, Hadevelds Complex
Hatfield, 0083

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

Postnet Suite 146
Private Bag X15
Menlo Park

SITE NAME
BALTIMORE FARM

BASE STATION NUMBER
T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES
OWNER: NEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRANZ 53 IT

COORDINATES
LAT: 26° 10' 03.10" S
LONG: 30° 06' 39.96" E

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

ADDRESS
BALTIMORE FARM, OFF THE R33,
CAROLINA - CHRISSESMEER,
412km SOUTH OF CAROLINA,
MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES

414 Rustic Road
Savantdale
0154

Tel: +27 (12) 804 1504/5
Fax: +27 (12) 804 7072
admin@infoplan.co.za

P.O. Box 32017
Tobusdal
0134

RFO NO.
146583

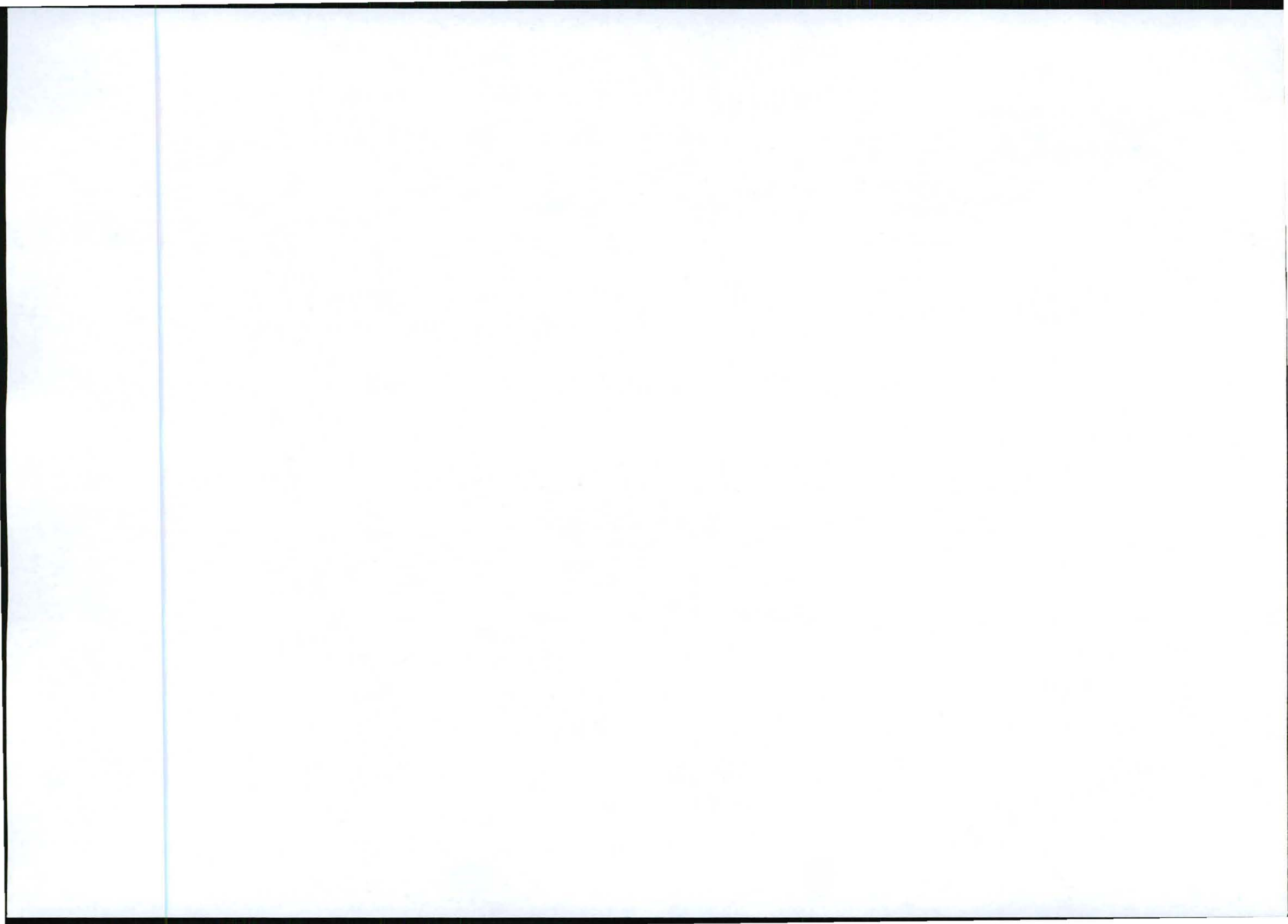
PROJECT NUMBER
115052

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R101/1001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: MELISSA YOUNG
SCALE: 1:75

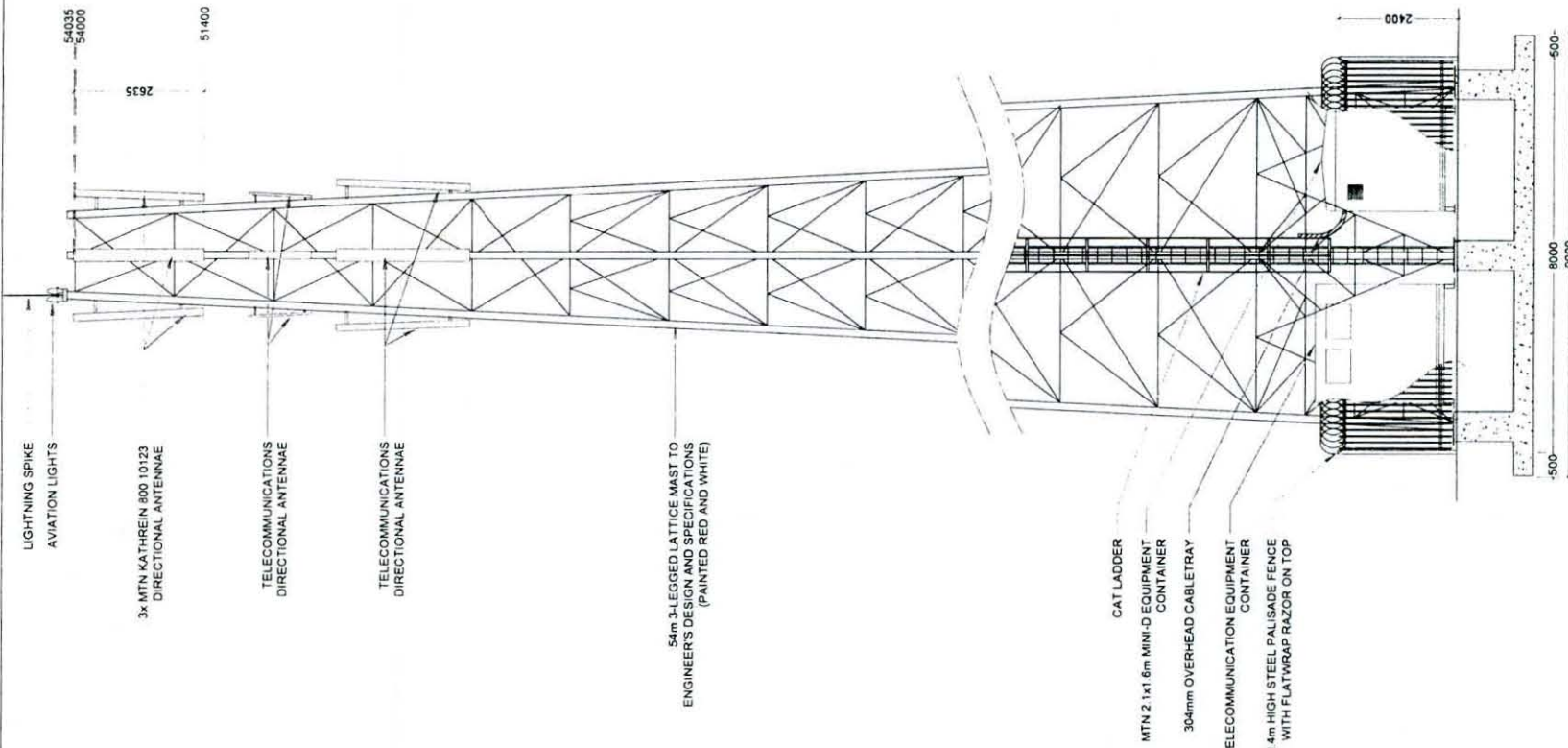
DATE: 12/09/2011
REF. NO: 812/T8952

SITE DETAIL
SHEET 7 OF 9



MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K80010123	51.4			7/8"	± 56
2	120°	K80010123	51.4			7/8"	± 56
3	240°	K80010123	51.4			7/8"	± 56



1267 Pretorius Street
Block B, Hatfield Complex
Hatfield, 0083

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

Postnet Suite 146
Private Bag 415
Menlo Park

SITE NAME
BALTIMORE FARM

BASE STATION NUMBER
T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES:
OWNER: NEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRAANZ 53 JT

COORDINATES:
LAT: 26° 10' 03.10" S
LONG: 30° 06' 39.96" E

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

ADDRESS
BALTIMORE FARM, OFF THE R33,
CAROLINA - CHRISSESMEER,
±12km SOUTH OF CAROLINA
MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES

414 Rustic Road
Silvertondale
0184

Tel: +27 (12) 804 1504/5
Fax: +27 (12) 804 1072
admin@infraplan.co.za

P.O. Box 32017
Tlovelo
0134

RFQ NO.
146583

PROJECT NUMBER
115052

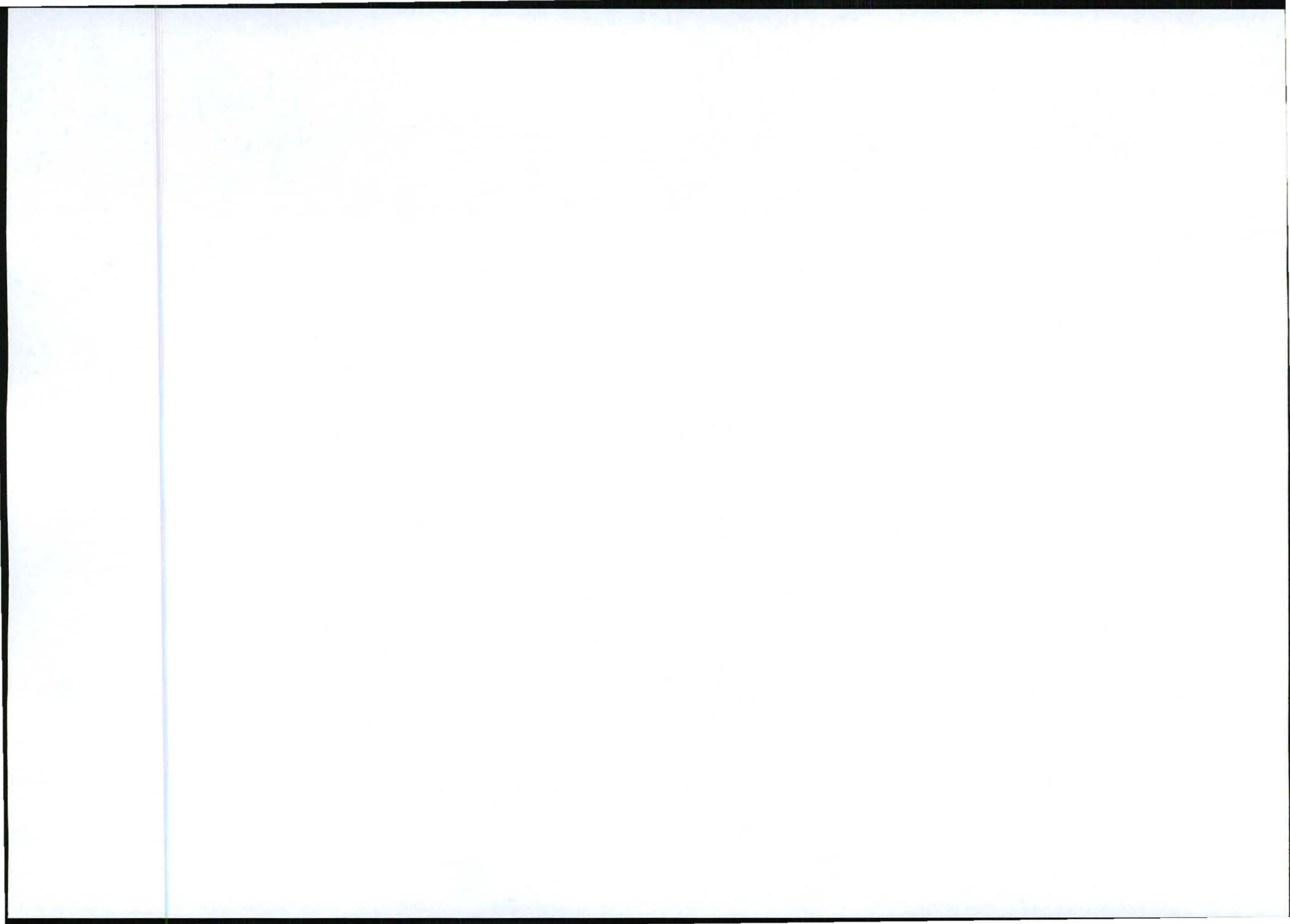
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

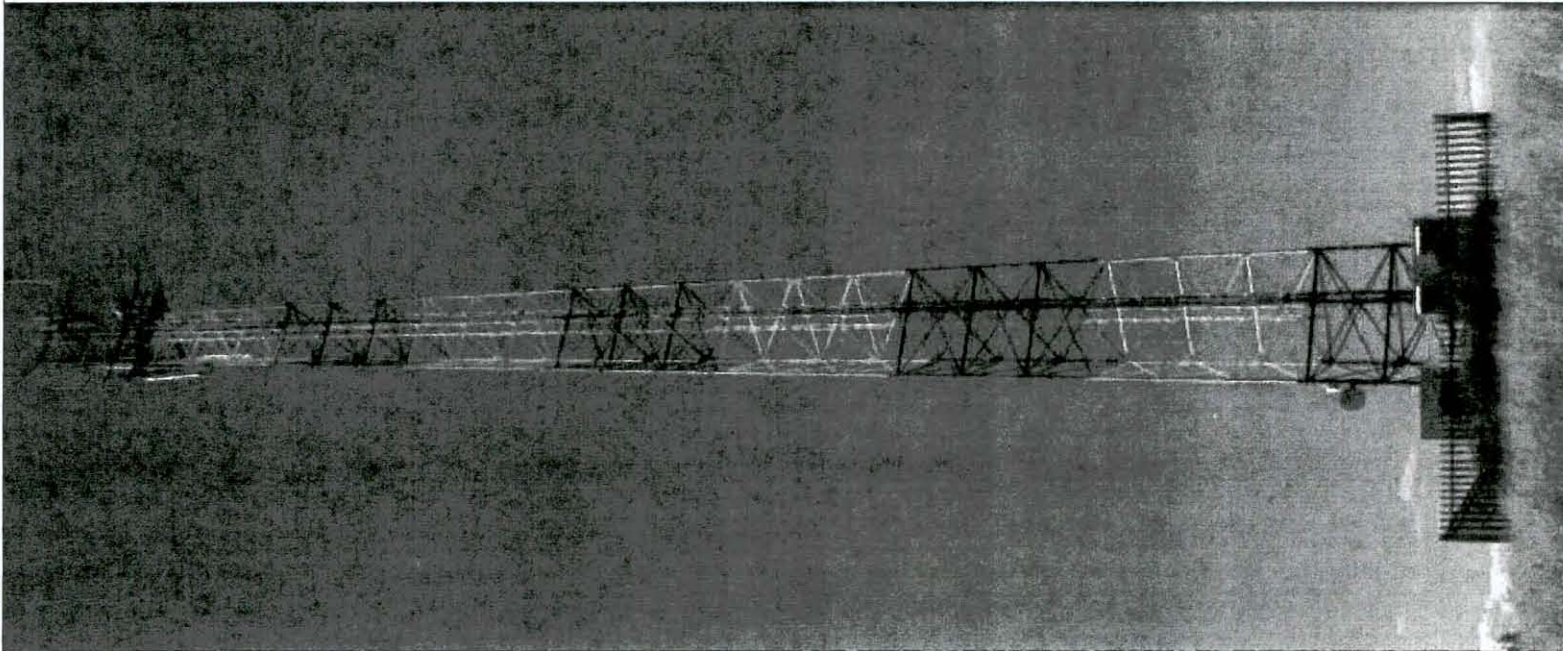
ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R101/1001
ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: MELISSA YOUNG
SCALE: 1:100

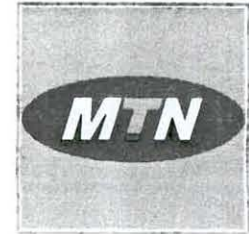
DATE: 12/09/2011
REF. NO: 812/T8952

**EAST ELEVATION
SHEET 8 OF 9**






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

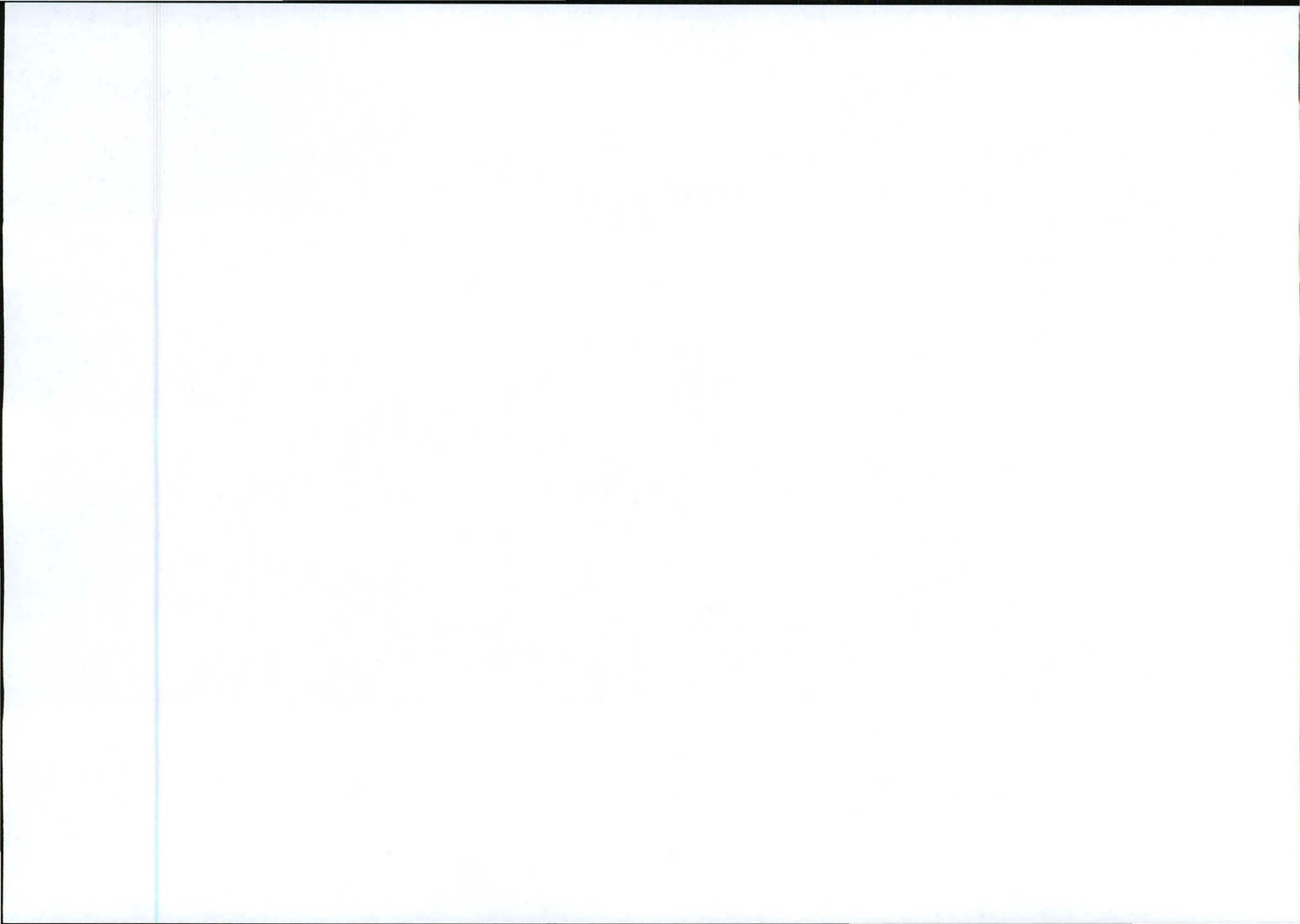


1267 Pretorius Street
Block B, Hadefields Complex
Hatfield, 0083

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

Postnet Suite 148
Private Bag X15
Mambo Park

SITE NAME: BALTIMORE FARM			
BASE STATION NUMBER: T8952			
REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE
NOTES OWNER: NEL STEPHANUS JACOBUS			
STRICTLY COMPANY CONFIDENTIAL			
PROPERTY DESCRIPTION: PORTION 8 OF THE FARM WITKRANZ 53 IT			
COORDINATES: LAT: 26° 10' 03.10" S LONG: 30° 06' 39.96" E			
PROJECT: NEW 9x9m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD			
ADDRESS: BALTIMORE FARM, OFF THE R33, CAROLINA - CHRISSESMEER, ±12km SOUTH OF CAROLINA, MPUMALANGA			
INFRASTRUCTURE PLANNING SERVICES			
414 Rustic Road Silvertondale 0154 Tel: +27 (12) 804 1504/6 Fax: +27 (12) 804 7072 admin@infoplans.co.za			
P.O. Box 32017 Tollusdal 0134			
RFQ NO: 146583			
PROJECT NUMBER: 115052			
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK. ALL WORK TO BE PERFORMED ACCORDING TO MTN BTS SITE INFRASTRUCTURE SPECIFICATION R101/1001 ISSUE 1 REVISION 0 NOVEMBER 2007			
DRAWN: MELISSA YOUNG		DATE: 12/09/2011	
SCALE: NTS		REF. NO: 812/T8952	
FACILITY ILLUSTRATION SHEET 9 OF 9			



Our Reference:
T8952 / 17/2/3/GS-51

Your Reference:



2 February 2012

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

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Attention: Mr M.A.Ngcobo
Environmental Management Section

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

Facsimile: (017) 631 1607
E-mail:

e-mail: admin@torbiousolutions.co.za

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (cc & ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 8 OF THE FARM WITKRANZ 53 IT.

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

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

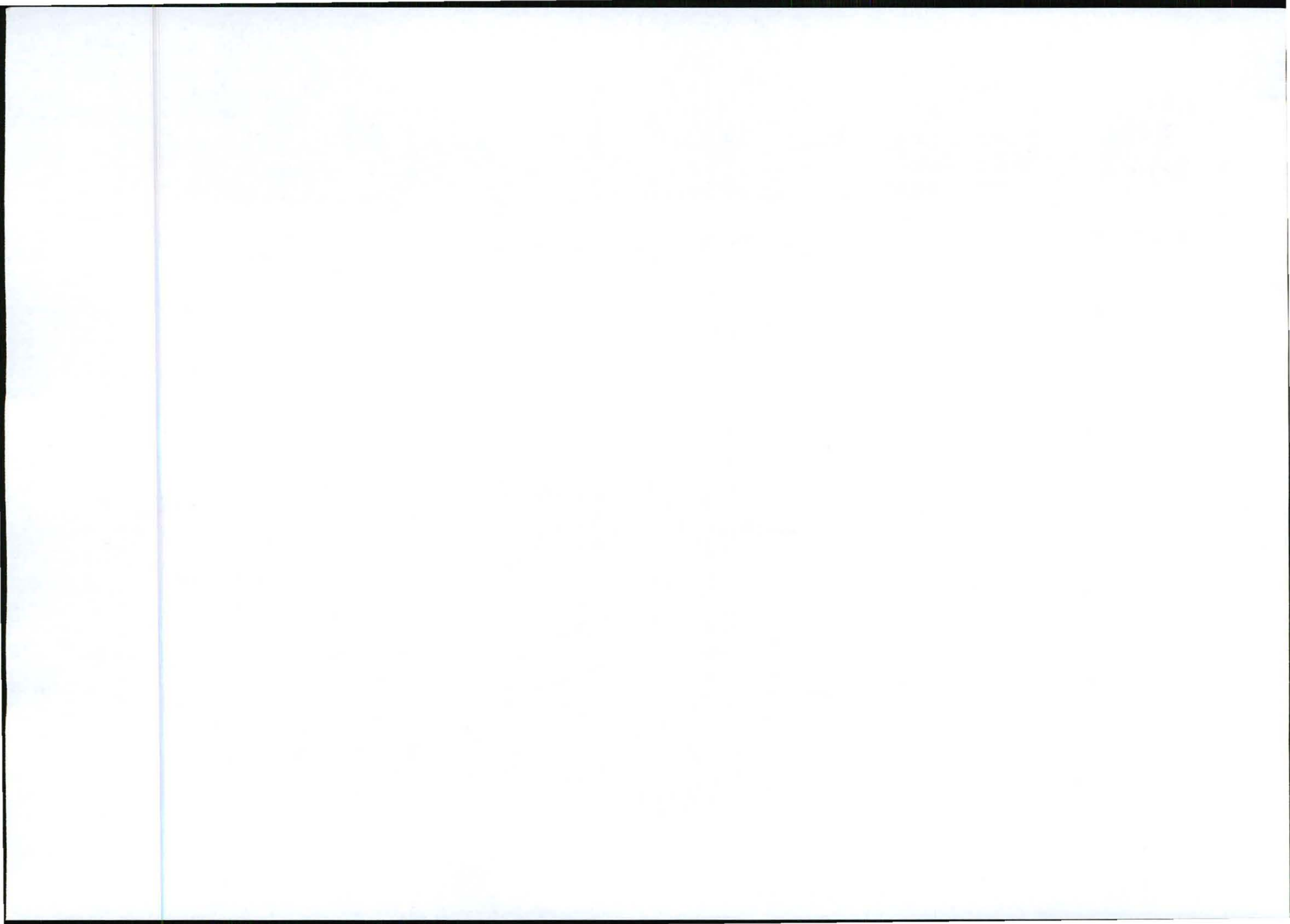
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

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

WA VAN'T FOORT
For: Torbious Solutions cc

Comments:



Destination	Start Time	Time	Prints	Result	Note
0178111207	02-15 16:52	00:02:47	010/010	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FHE: Frame Erase TX,
MIX: Mixed Origin TX, CALL: Manual TX, CSRC: CSRC, FWD: Forward, PC: PC-Fax,
BND: Double-Sided Binding Direction, SP: Special or Signal, FCODE: F-Code, RTX: Re-TX,
RLY: Relay, WBT: 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,
LOWR: Receiving length Over, POVER: Receiving page Over, FIL: File Error,
DC: Decode Error, MDN: MDN Response Error, DSN: DSN Response Error.

Our Reference:
T8952 / 17/2/3/GS-51

Your Reference:

2 February 2012

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

Attention: Mr M.A.Ngoobo
Environmental Management Section

Facsimile: (017) 831 1807
E-mail:

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) II (cc & ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 5 OF THE FARM WITKRANZ 53 IT.

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

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

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

Kind Regards,


WA VAN'T FOORT
For: Torblouse Solutions cc

Comments:



Reg. No. 2001/050535/23

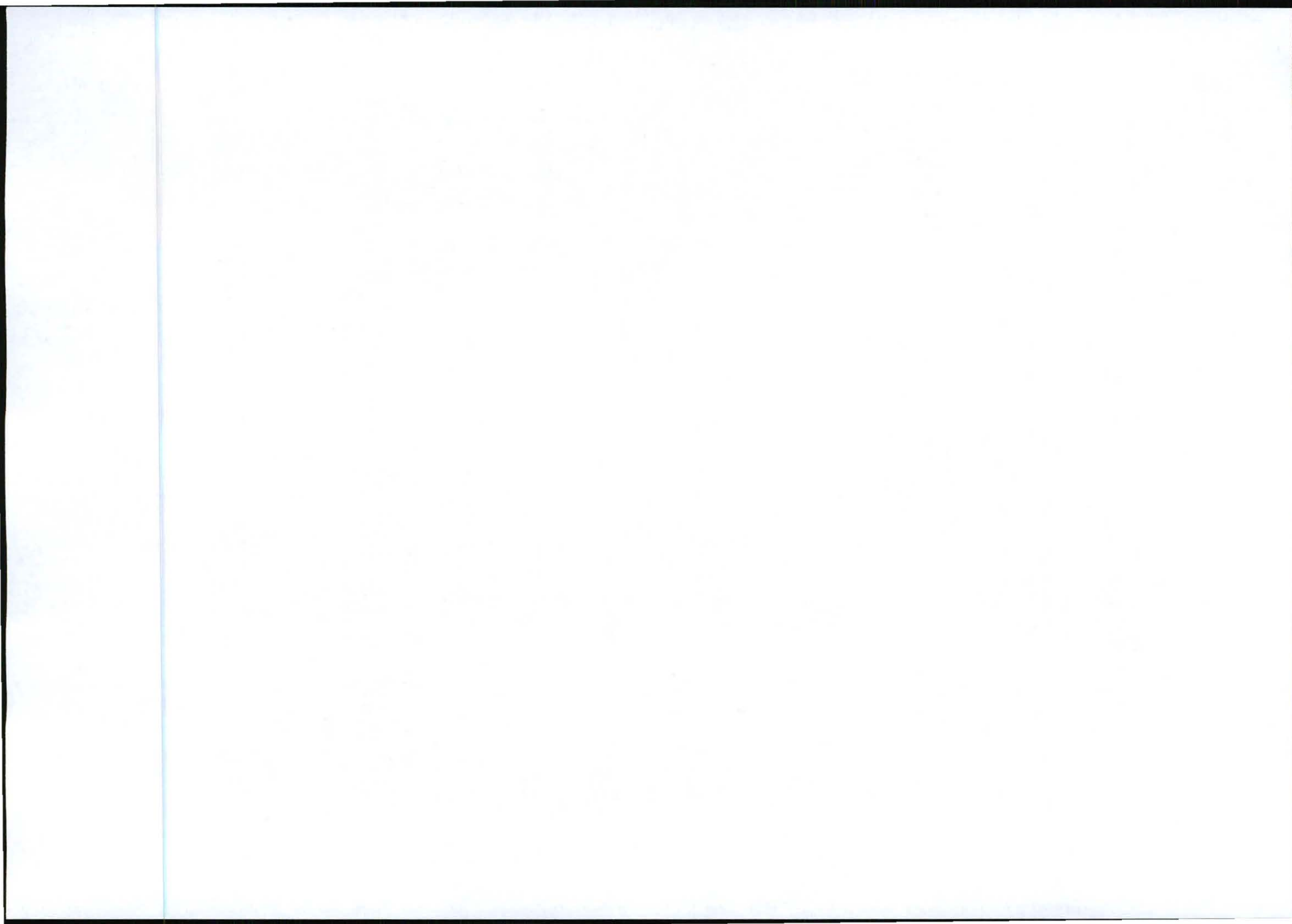
PO Box 32017, Tetrudal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Tel: (012) 804 1884/8

Fax: (012) 804 7872

e-mail: admin@torblousesolutions.co.za



Destination	Start Time	Time	Prints	Result	Note
0176311607	02-01 10:57	00:00:56	000/010	No Ans	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX,
MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FOD: Forward, DC: DC-Fax,
BND: Double-Sided Binding Direction, SP: Special original, FCODE: F-code, RTX: Re-TX,
BLV: Blevy, RST: Confidential, BUL: Bulletin, SIP: SIP Fax, IPADR: IP Address FAX,
I-FAX: Internet Fax

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

Our Reference:
T8952 / 17/2/3/GS-51

Your Reference:

2 February 2012

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

Attention: Mr M.A.Ngoobo
Environmental Management Section

Facsimile: (017) 631 1607
E-mail:



Reg. No. 2001/080638/23
PO Box 33017, Tetrudal, 0154
414 Rustic Road
Silvertondale, 0154
Pretoria
Tel: (012) 804 1804/5
Fax: (012) 804 7872
e-mail: admin@torbiousolutions.co.za

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) II (cc & ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 5 OF THE FARM WITKRAANZ 53 IT.

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

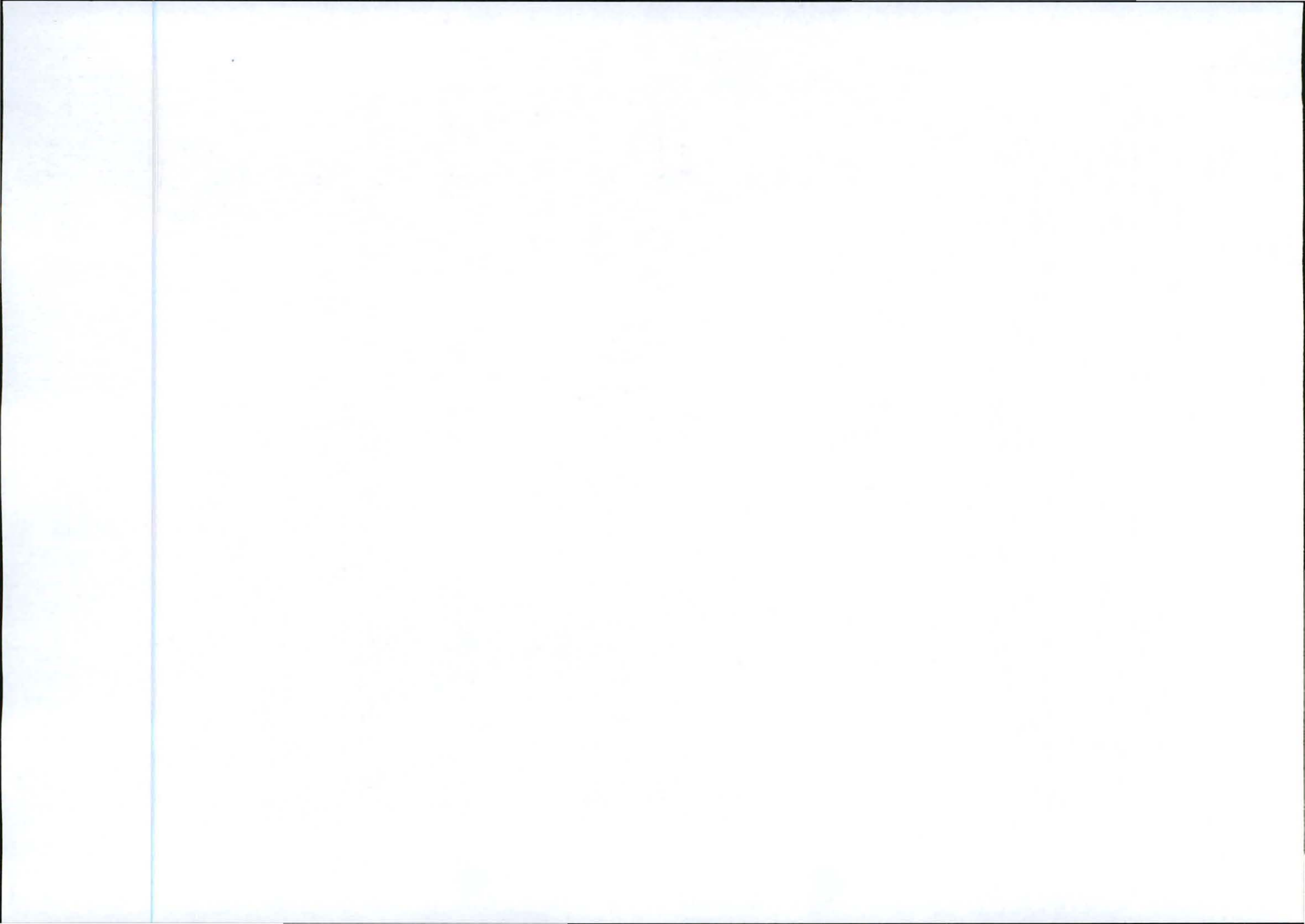
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application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

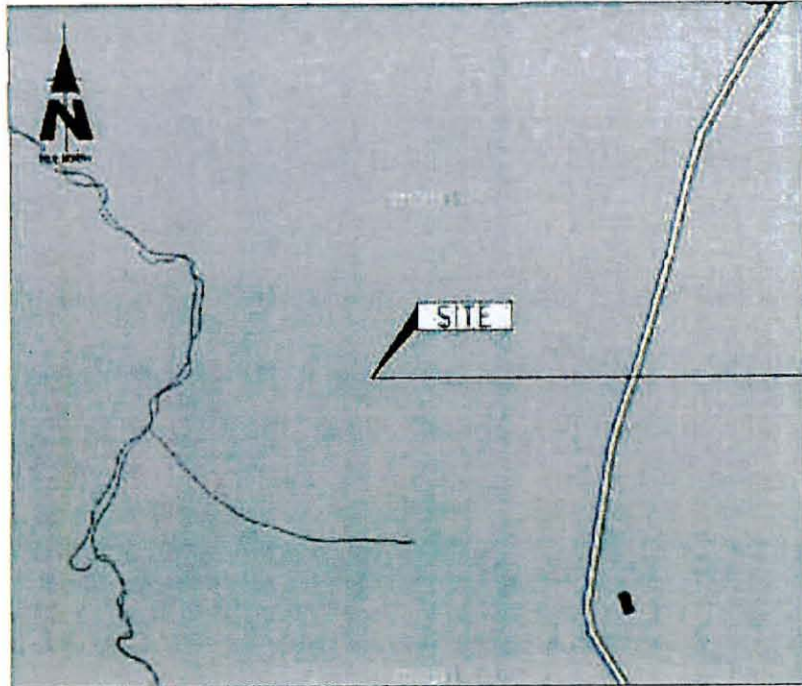
Should you have any further queries please do not hesitate to contact us.

Kind Regards,

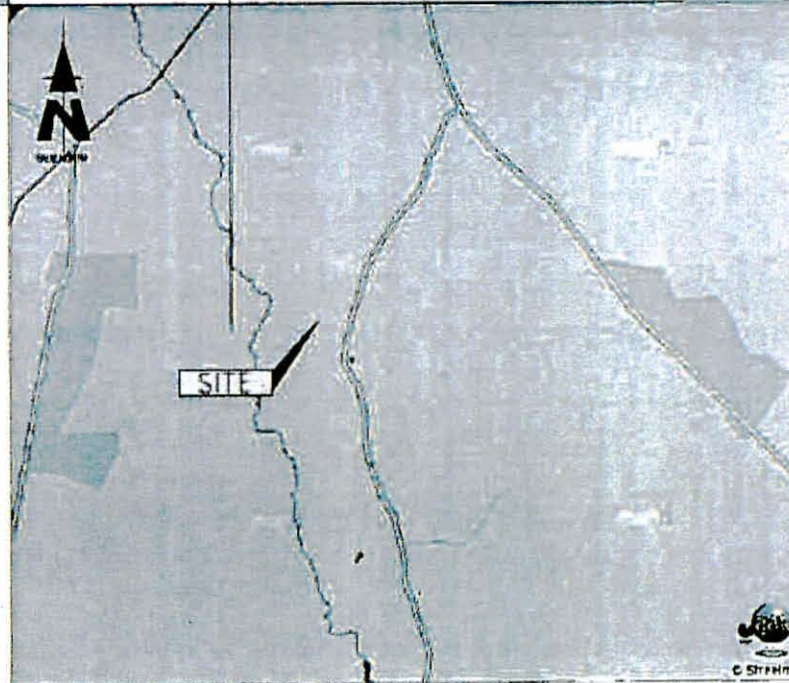
WA Van't Foort
WA VAN'T FOORT
For: Torbious Solutions cc

Comments:





T8952
BALTIMORE FARM



1207 Pretoria Street Tel: +27 (12) 342 7800 Postnet Code 148
Black B. HandMade Complex Fax: +27 (12) 342 8050 Private Bag 515
Midrand, 2009 Midrand Park

SITE TITLE
BALTIMORE FARM

BASE STATION NUMBER
T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES
OWNER: MEL STEPHANUS JACOBS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRAZ 53 IT

COORDINATES
LAT: 26° 10' 03.10" S
LONG: 30° 09' 29.80" E

PROJECT
NEW 6x9m TELECOMMUNICATION BARESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS
BALTIMORE FARM, OFF THE R33
CAROLINA - CHRISSESMEER
312km SOUTH OF CAROLINA,
MPUMALANGA



114 Randa Road Tel: +27 (12) 804 12648 P.O. Box 32917
Silverdale Fax: +27 (12) 804 7072 Tlokweng
0184 0184

RFD NO
140563

PROJECT NUMBER
115052

DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION 800-11001 ISSUE 1 REVISION 0 NOVEMBER 2007

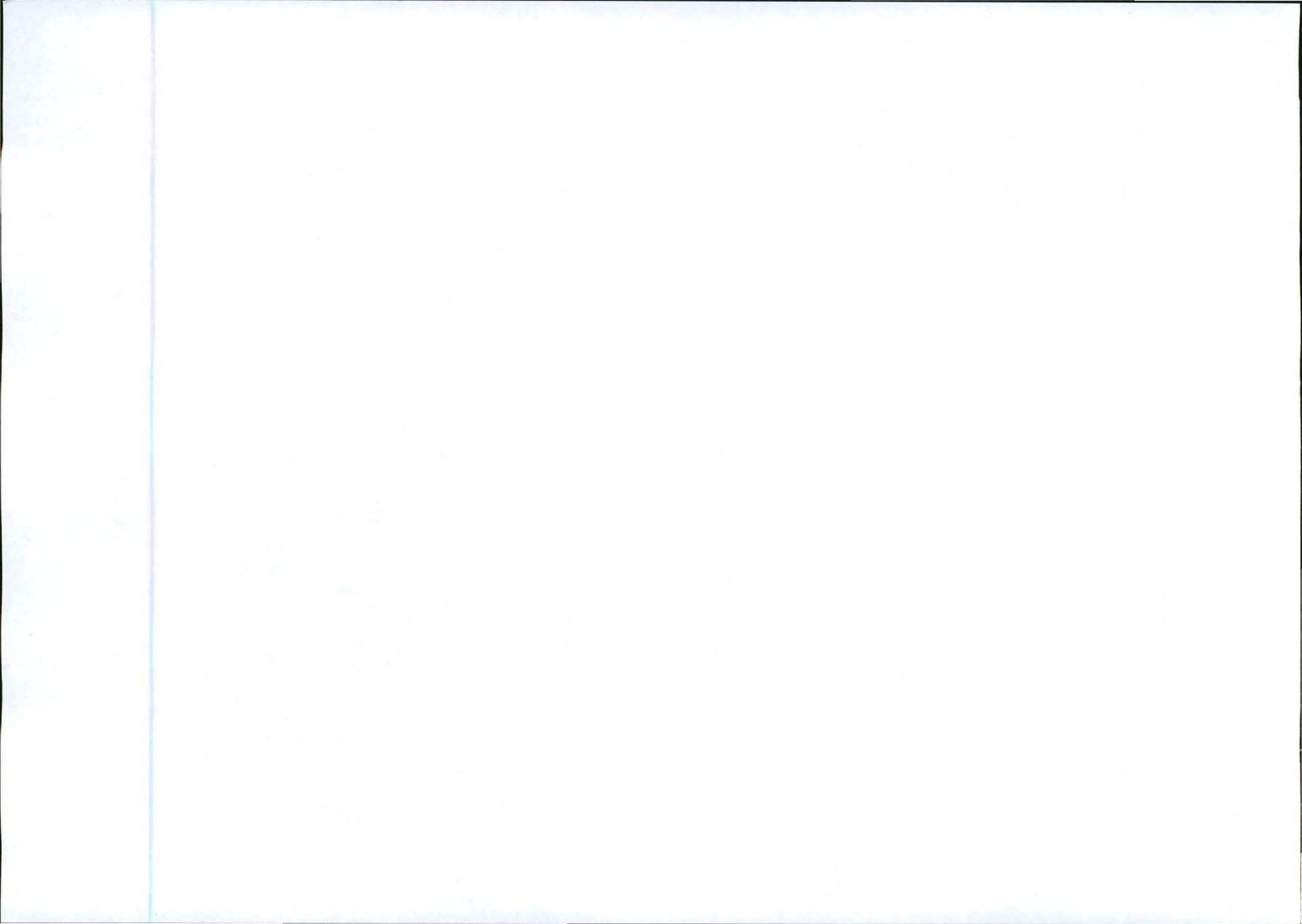
DRAWN MELISSA YOUNG **DATE** 12/09/2011

SCALE NTS **REF. NO** 812/T8952



LOCALITY MAP
SHEET 1 OF 9







WIRE FENCE

53/2

PORTION 8 OF THE FARM WITKRANZ 53 IT

GRAVEL ROAD

TAR ROAD

AC POWER SUPPLY POINT

NEW MTH: 949m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST (PAINTED RED & WHITE)

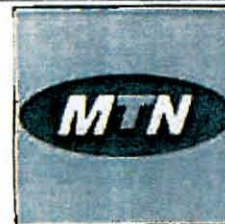
NEW MTH: PROPOSED AC POWER SUPPLY ROUTE (480m)

WIRE FENCE

SHED

OVERHEAD POWER LINES

53/11



1287 Pretoria Street
Black & Highlands Corridor
Halfway, 0083
Tel: +27 (0) 542 2900
Fax: +27 (0) 542 1656
Postal Suite 148
Pretoria, 0001
Mobile: 082 875
Mobile: 082 875

SITE NAME

BALTIMORE FARM

BASE STATION NUMBER

T8952

REV **DATE** **BY** **DESCRIPTION**

A 12/09/2011 MY FIRST ISSUE

NOTES

OWNER: MEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION

PORTION 8 OF THE FARM WITKRANZ 53 IT

COORDINATES

LAT: 28° 10' 03.10" S
LONG: 30° 01' 39.90" E

PROJECT

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

ADDRESS

BALTIMORE FARM, OFF THE R33,
CAROLINA - CHARISSE BAEER,
117km SOUTH OF CAROLINA,
MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES



414 Peka Road Tel: +27 (0) 684 18049 P.O. Box 32817
Blacktown Fax: +27 (0) 684 18072 Johannesburg
0184 info@infrastructureps.co.za 0184

RFP NO.

146583

PROJECT NUMBER

115052

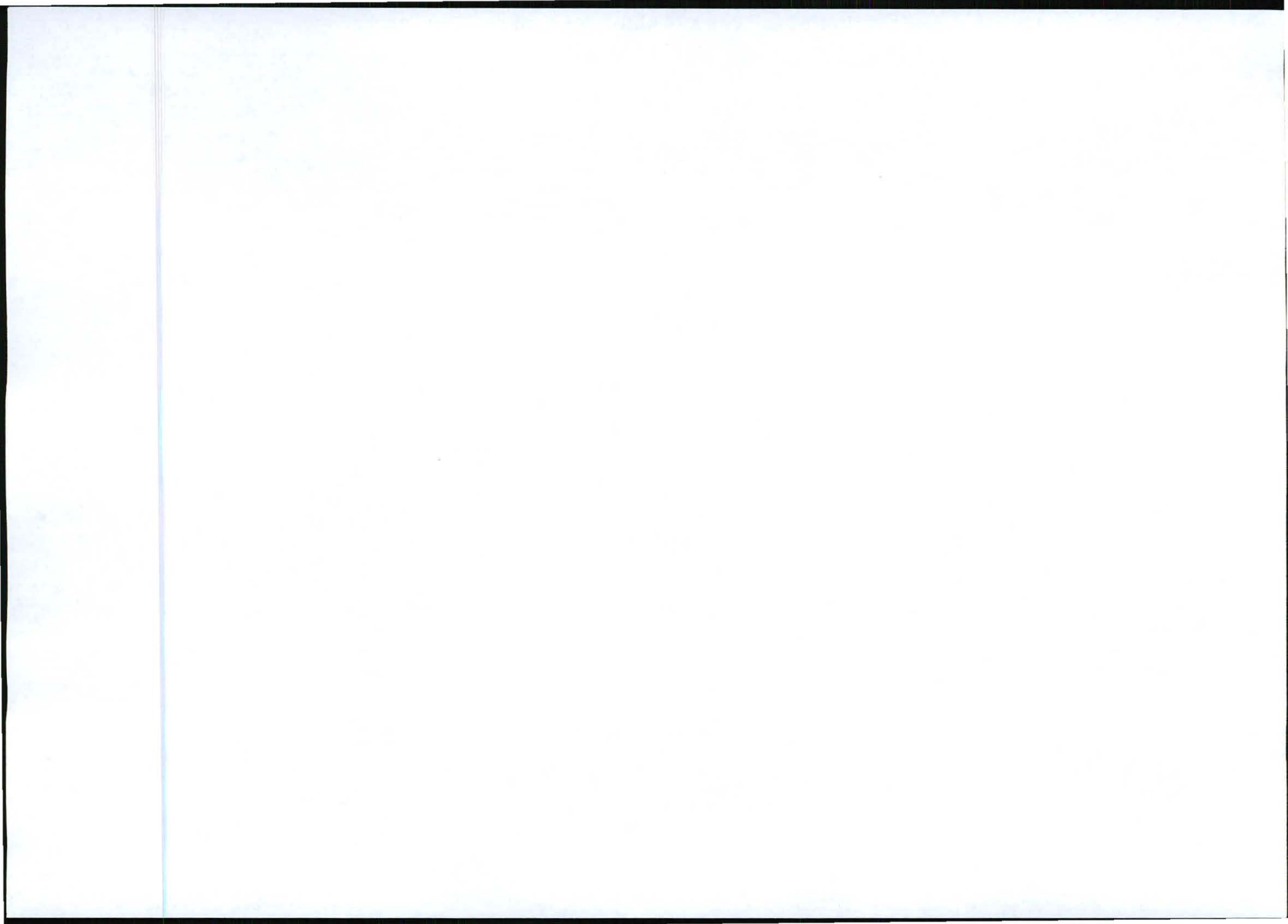
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

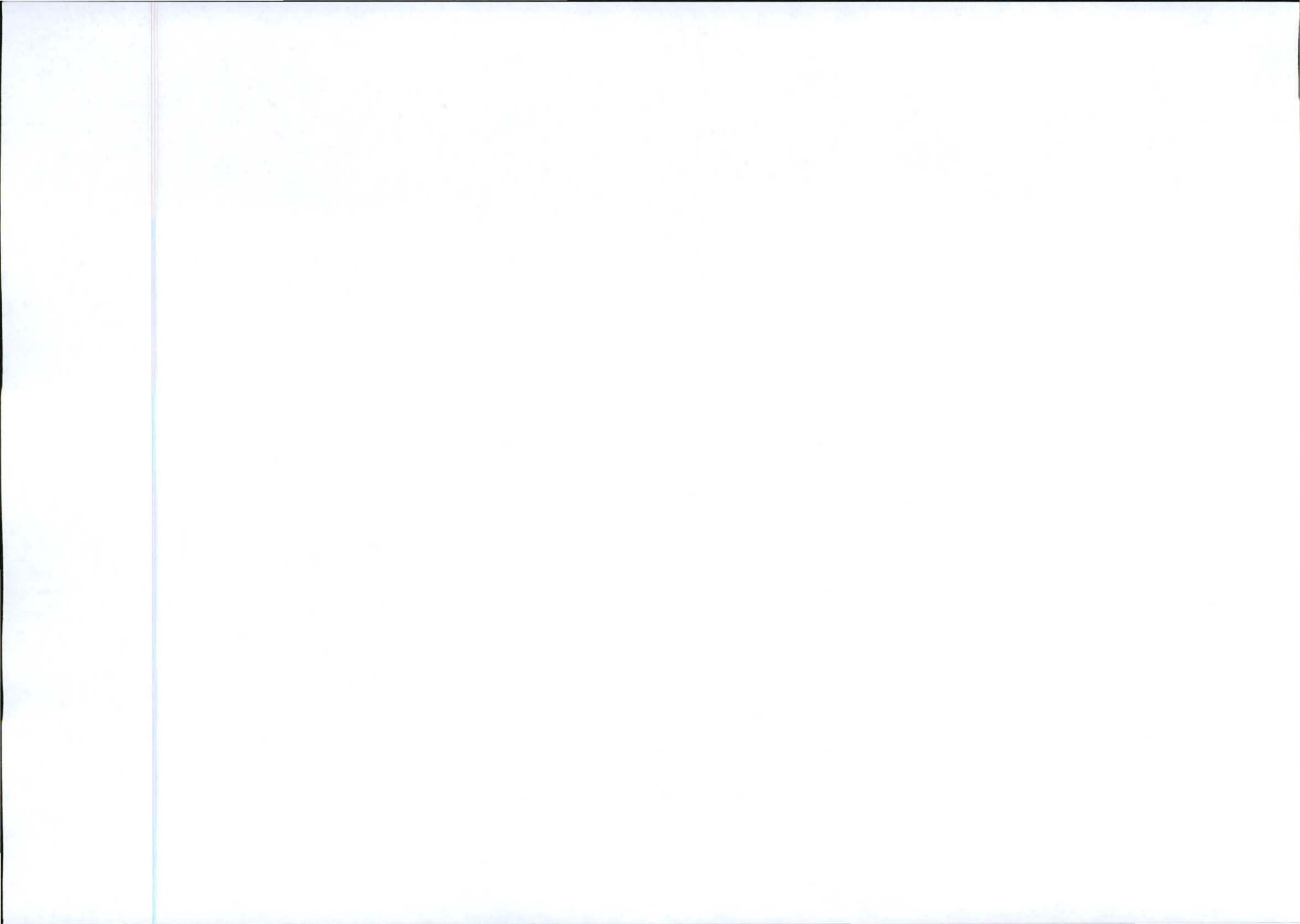
ALL WORK TO BE PERFORMED ACCORDING TO MTH SITE INFRASTRUCTURE SPECIFICATION R401/1001 ISSUE 1 REVISION 9 NOVEMBER 2007

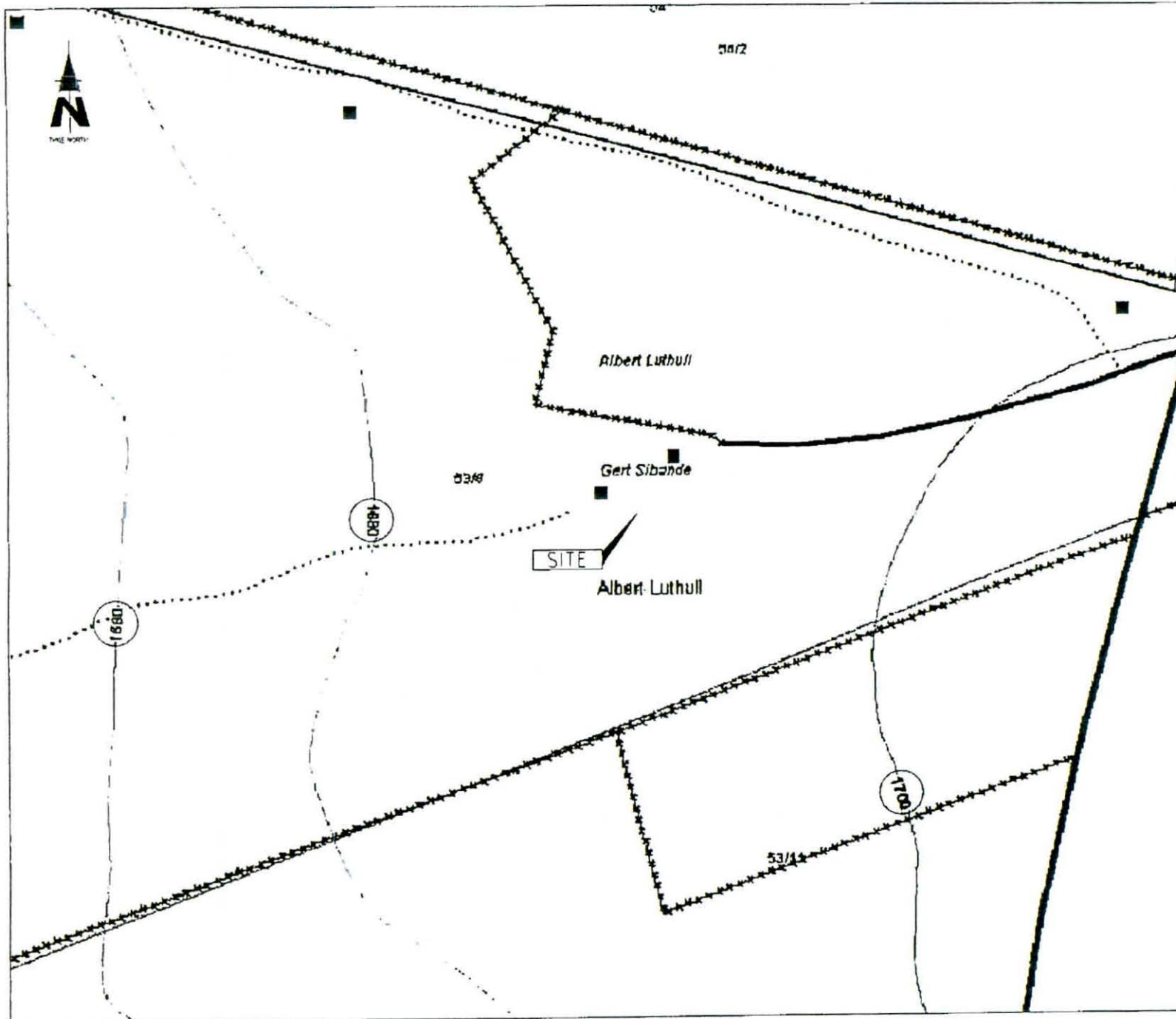
DRAWN: MELISSA YOUNG **DATE:** 12/09/2011

SCALE: 1:3000 **REF. NO.:** 812/T8952

SITE DEVELOPMENT PLAN
SHEET 3 OF 9







1287 Pretoria Street
 Block B, Hatfield Campus
 Hatfield, 0083
 Tel: +27 (12) 343 2800
 Fax: +27 (12) 343 8008
 Postal Suite 148
 Ploeg Street 111
 Midrand Park

SITE NAME
 BALTIMORE FARM

BASE STATION NUMBER
 T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES
 DRAWN: NEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
 PORTION 5 OF THE FARM WITKRAAN 53 IT

COORDINATES
 LAT: 28° 10' 03" 10" S
 LONG: 30° 05' 29" 35" E

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

ADDRESS
 BALTIMORE FARM OFF THE R33,
 CAROLINA - CHRISHEEMER
 42km SOUTH OF CAROLINA,
 MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES

414 Rooda Road
 Edmoreville
 0184
 Tel: +27 (12) 884 19848
 Fax: +27 (12) 884 7079
 info@ipsinfra.com.za
 P.O. Box 32017
 Tlovelo
 0154

RFD NO
 148583

PROJECT NUMBER
 115062

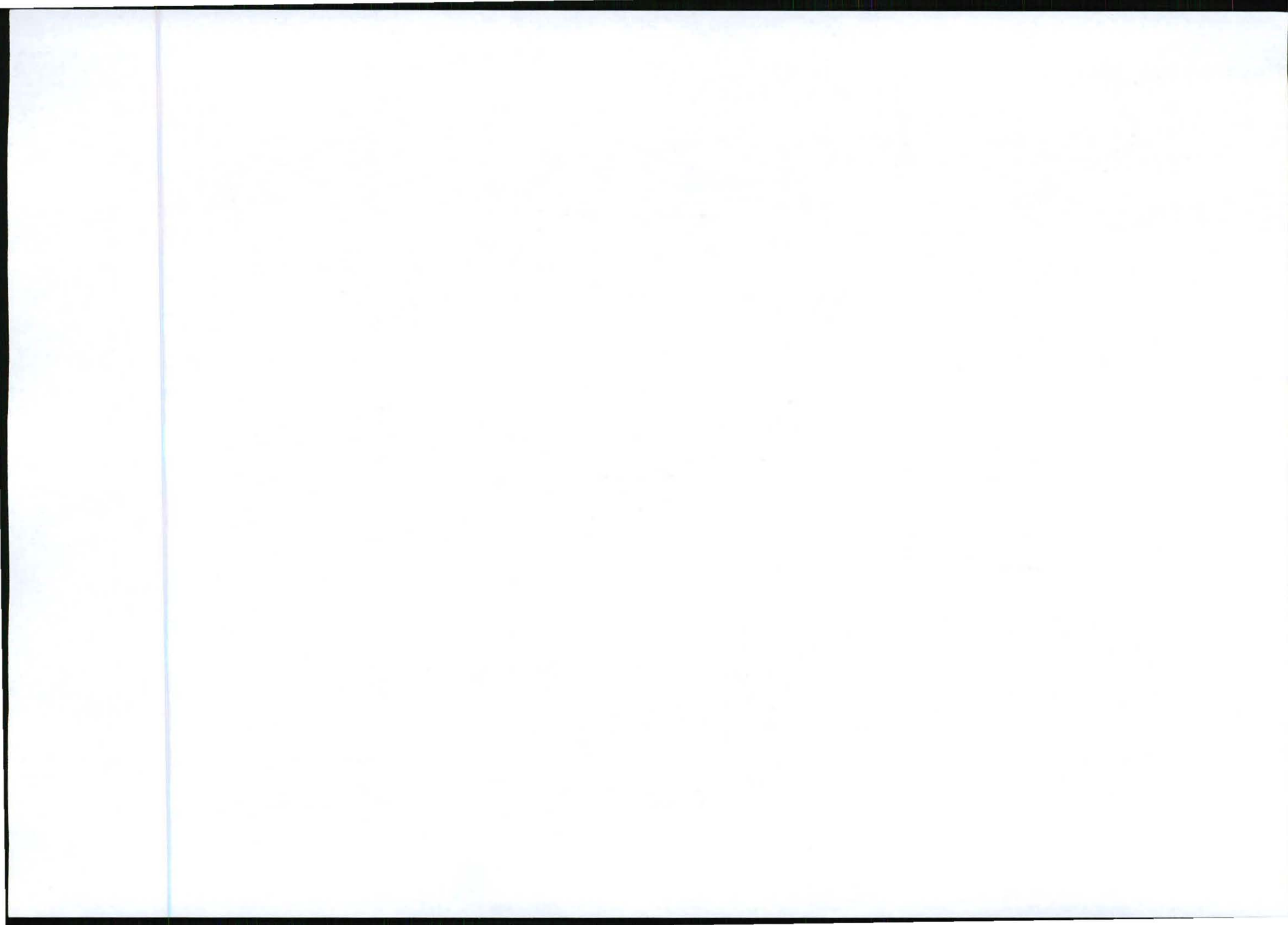
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION 0001/1501 ISSUE 1 REVISION 8 NOVEMBER 2007

DRAWN MBLISSA YOUNG **DATE** 12/08/2011

SCALE NT8 **REF. NO** 512/T8952

CONTOUR INTERVAL
 SHEET 5 OF 9





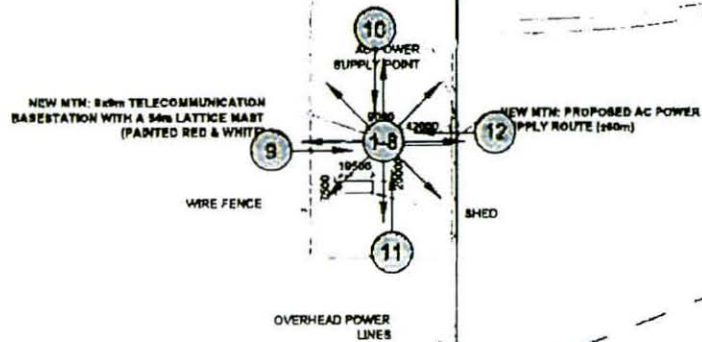
WIRE FENCE

53/2

PORTION 8 OF THE FARM WITKRAZ 53 IT

GRAVEL ROAD

TAR ROAD



53/11



1387 Proteus Street Tel: +27 (12) 342 2800 Postal Code 146
 Block B Midvale Campus Fax: +27 (12) 342 8200 Private Bag 315
 Midvale 2003 Sandton Park

SITE NAME

BALTIMORE FARM

BASE STATION NUMBER

T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES

OWNER: MEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
 PORTION 8 OF THE FARM WITKRAZ 53 IT

COORDINATES
 LAT: 28° 10' 03.10" S
 LONG: 30° 06' 39.96" E

PROJECT
 NEW 999m TELECOMMUNICATION BASESTATION
 WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS
 BALTIMORE FARM, OFF THE R33
 CAROLINA - CHRISSEMEER
 ±12km SOUTH OF CAROLINA,
 MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES 

414 Proteus Road Tel: +27 (12) 342 19049 P.O. Box 22017
 Sandton Midvale Fax: +27 (12) 342 19172 Johannesburg
 2008 2014

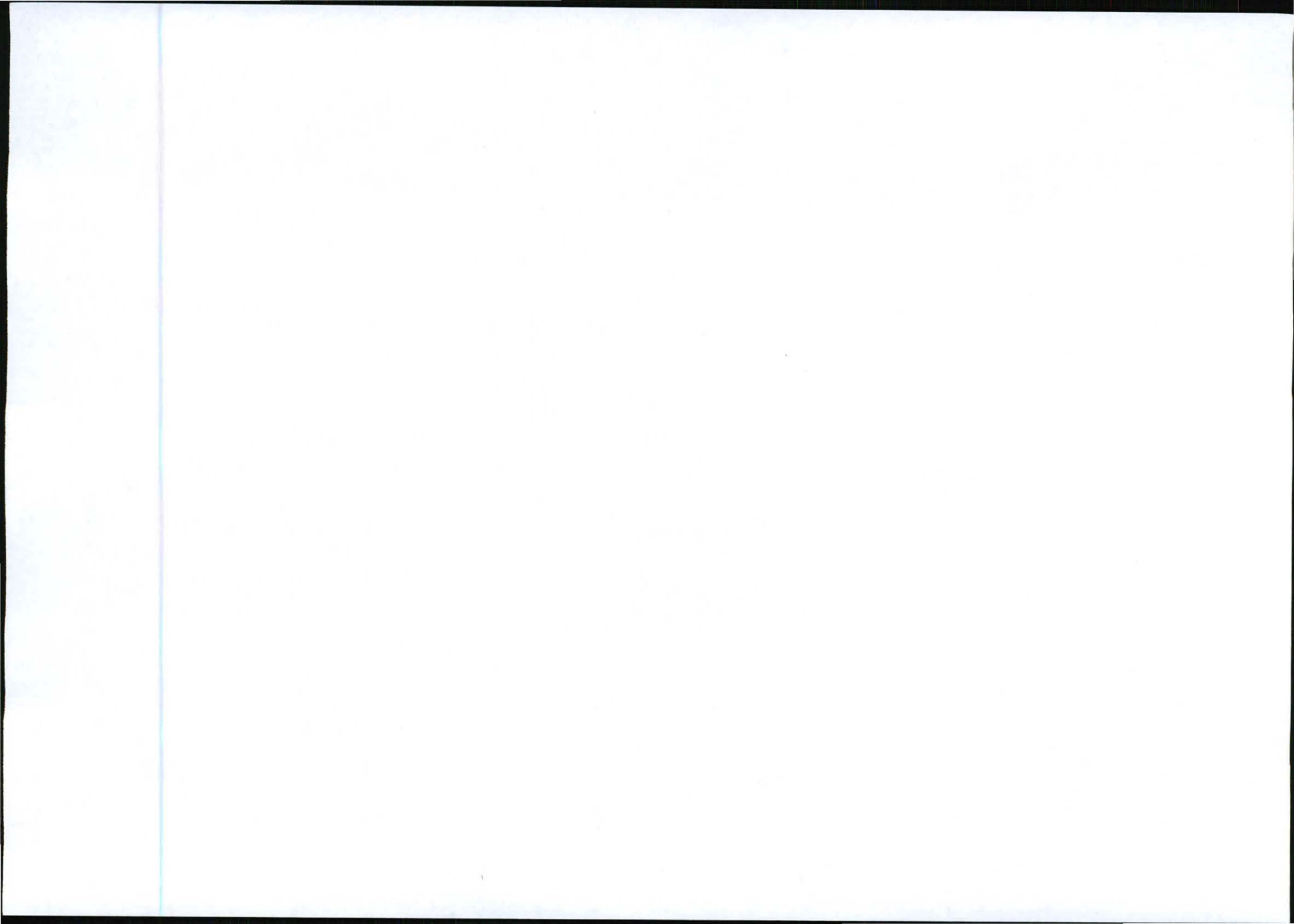
RFID NO:
 148583

PROJECT NUMBER
 115062

DRAWING MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION 8/01/10/1 ISSUE 1 REVISION 9 NOVEMBER 2007

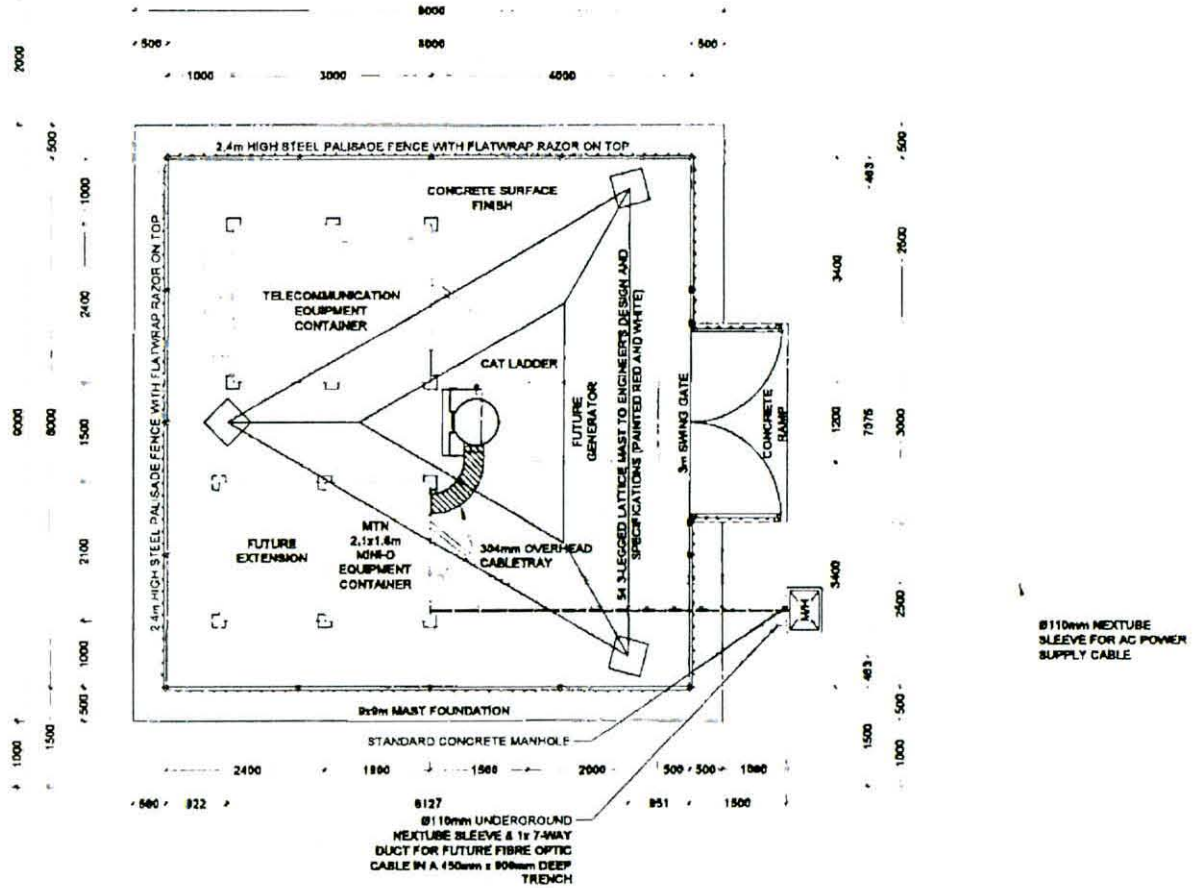
DRAWN: MELISSA YOUNG DATE: 12/09/2011
 SCALE: 1:3000 REF. NO: 812/T8952

SITE PHOTOGRAPHS
 SHEET 6 OF 9





PORTION 8 OF THE FARM
WITKRANZ 53 IT



1287 Fredericks Street
Block 9, Highlands Centre
Halfway, 0083

Tel: +27 (12) 342 3800
Fax: +27 (12) 342 3081

Postnet Suite 148
Private Bag 9115
Midrand, 2008

SITE NAME
BALTIMORE FARM

BASE STATION NUMBER
T8952

REV	DATE	BY	DESCRIPTION
A	12/08/2011	MY	FIRST ISSUE

NOTES
OWNER: NEL BTT PHAPUS JACOBIUS

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 8 OF THE FARM WITKRANZ 53 IT

COORDINATES
LAT: 30° 17' 03.10" S
LONG: 30° 09' 39.09" E

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

ADDRESS
BALTIMORE FARM OFF THE R31
CAROLINA - CHRISHEBEEER,
12km SOUTH OF CAROLINA,
MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES 

414 Ruimsig Road
Midrand, 2008

Tel: +27 (12) 654 9888
Fax: +27 (12) 654 9072
admin@infpsafrica.com

P.O. Box 32097
Tolarno
0151

RFP NO:
148583

PROJECT NUMBER:
115052

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

ALL WORK TO BE PERFORMED ACCORDING TO MTN BTT SITE INFRASTRUCTURE SPECIFICATION R50-1/1001 ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN: MELISSA YOUNG DATE: 12/08/2011

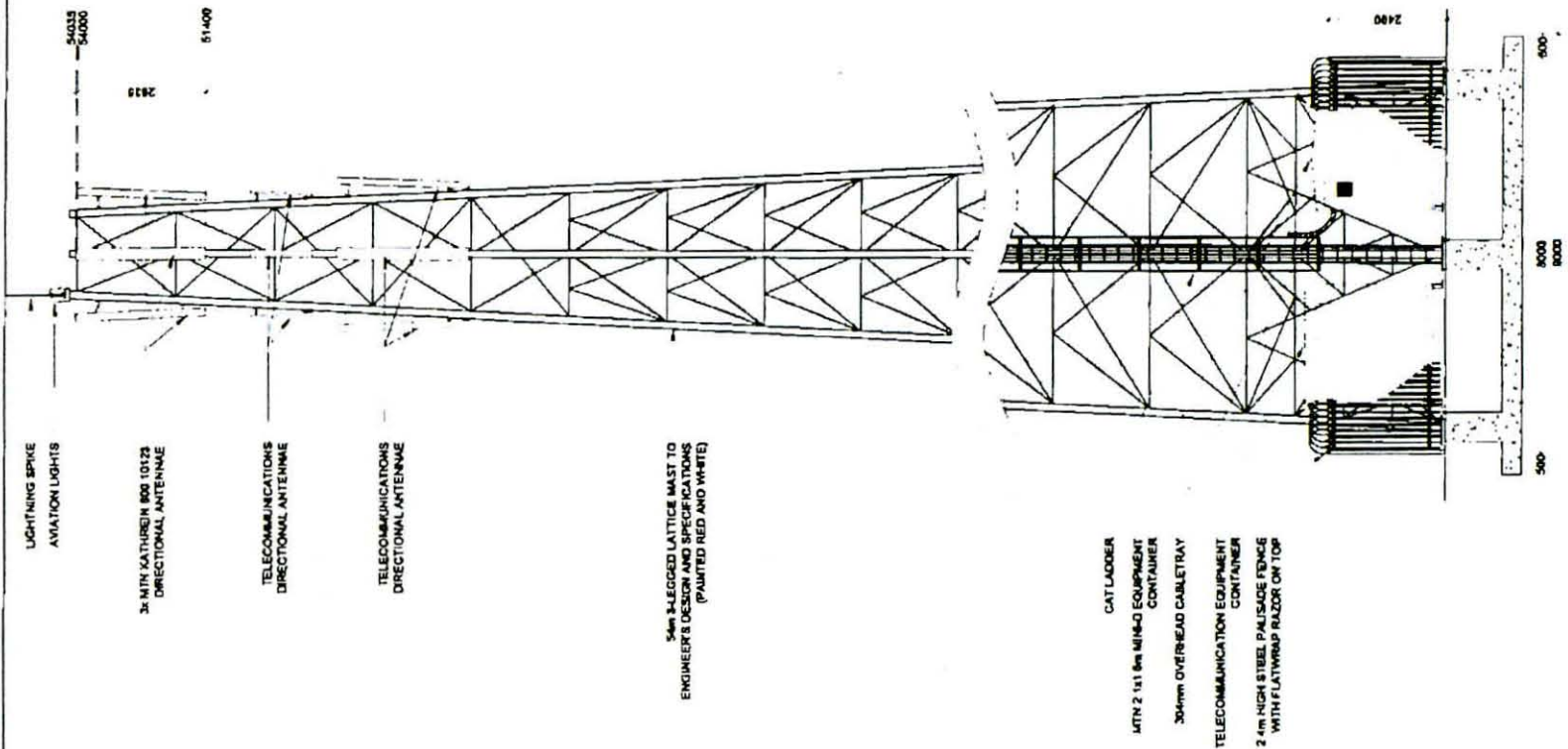
SCALE: 1:75 REF. NO: 812/T8952

SITE DETAIL
SHEET 7 OF 8



MTN ANTENNAE KEY

SECTOR	AZIMUTH	ANTENNA	HEIGHT - BOTTOM (m)	MECH. TILT	ELEC. TILT	FEEDER SIZE	FEEDER LENGTH (m)
1	0°	K80010123	51.4			7/8"	± 50
2	120°	K80010123	51.4			7/8"	± 50
3	240°	K80010123	51.4			7/8"	± 50



1287 Pretorius Street Tel: +27 (12) 342 2800 Pretorius Estate 148
 1800 & Madibela Complex Fax: +27 (12) 342 8208 Private Bag 215
 Midrand 2009 South Africa

SITE NAME
BALTIMORE FARM

BASE STATION NUMBER
T8952

REV	DATE	BY	DESCRIPTION
A	12/09/2011	MY	FIRST ISSUE

NOTES
OWNER: MEL STEPHANUS JACOBUS

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION
PORTION 8 OF THE FARM VTKRANZ 53 IT

COORDINATES
 LAT 28° 19' 03" 10" S
 LONG 30° 06' 39" 95" E

PROJECT
 NEW 80m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS
 BALTIMORE FARM OFF THE R33
 CAROLINA - CHRISSESMER
 ±12m SOUTH OF CAROLINA
 MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES

414 Rennie Road Tel: +27 (12) 304 1900 P.O. Box 22017
 Midrand 2009 Fax: +27 (12) 304 7872 Johannesburg
 0154

REF NO
1-89583

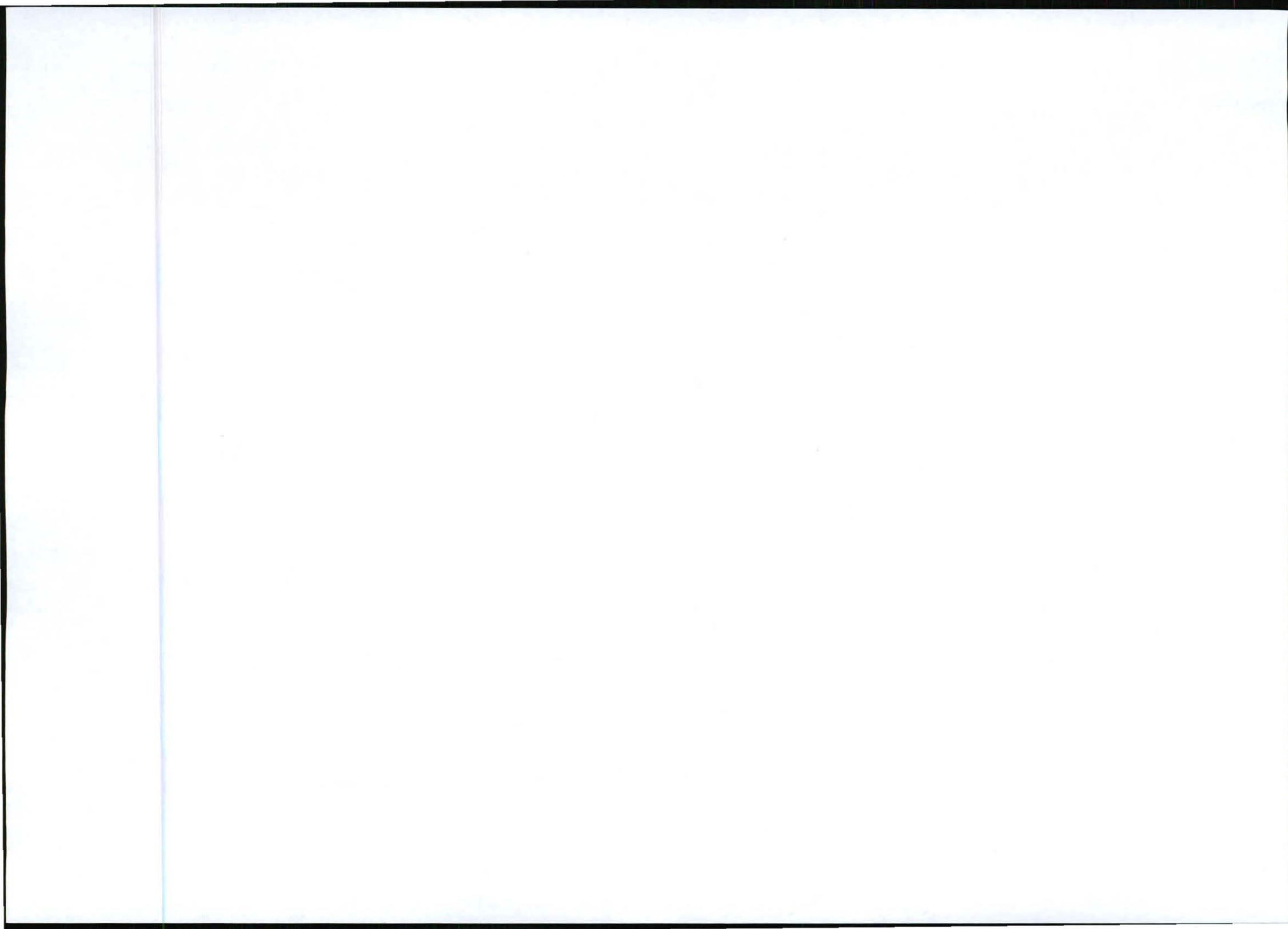
PROJECT NUMBER
118952

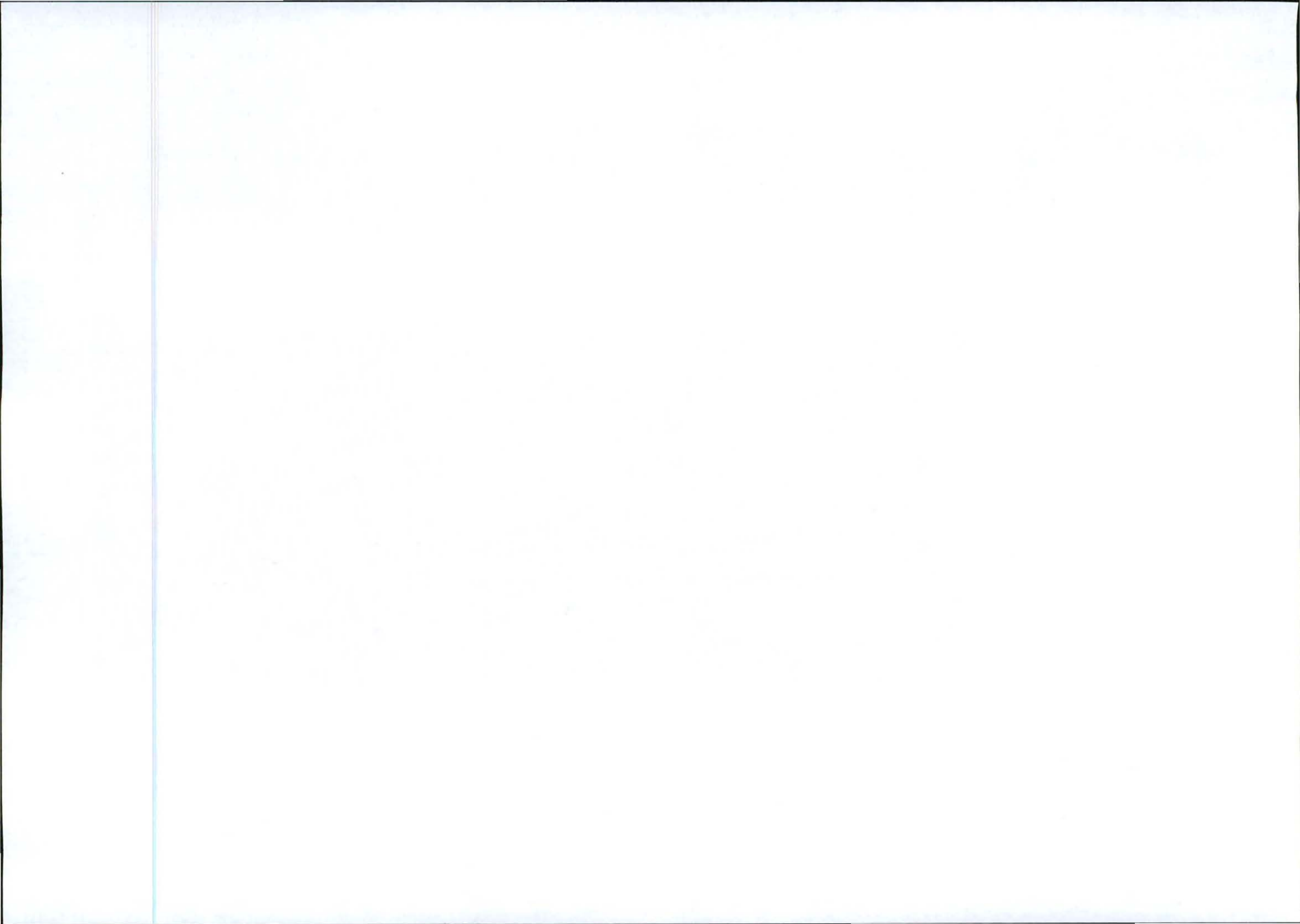
DRAWINGS MUST NOT BE SCALED. ONLY PROVIDED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION R901/1001 ISSUE 1 REVISION 9 NOVEMBER 2007

DRAWN: MELISSA YOUNG **DATE:** 12/08/2011
SCALE: 1:100 **REF. NO:** 812/T8952

EAST ELEVATION SHEET 6 OF 9





Our Reference:
T8952/17/2/3/GS-51

Your Reference:

2 February 2012

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



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

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

Via Registered Mail

DEAR SIR/MADAM

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 AS AMENDED ("NEMA") TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (cc) & (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 8 OF THE FARM WITKRANZ 53 JT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 8 of the Farm Witkranz 53 JT**

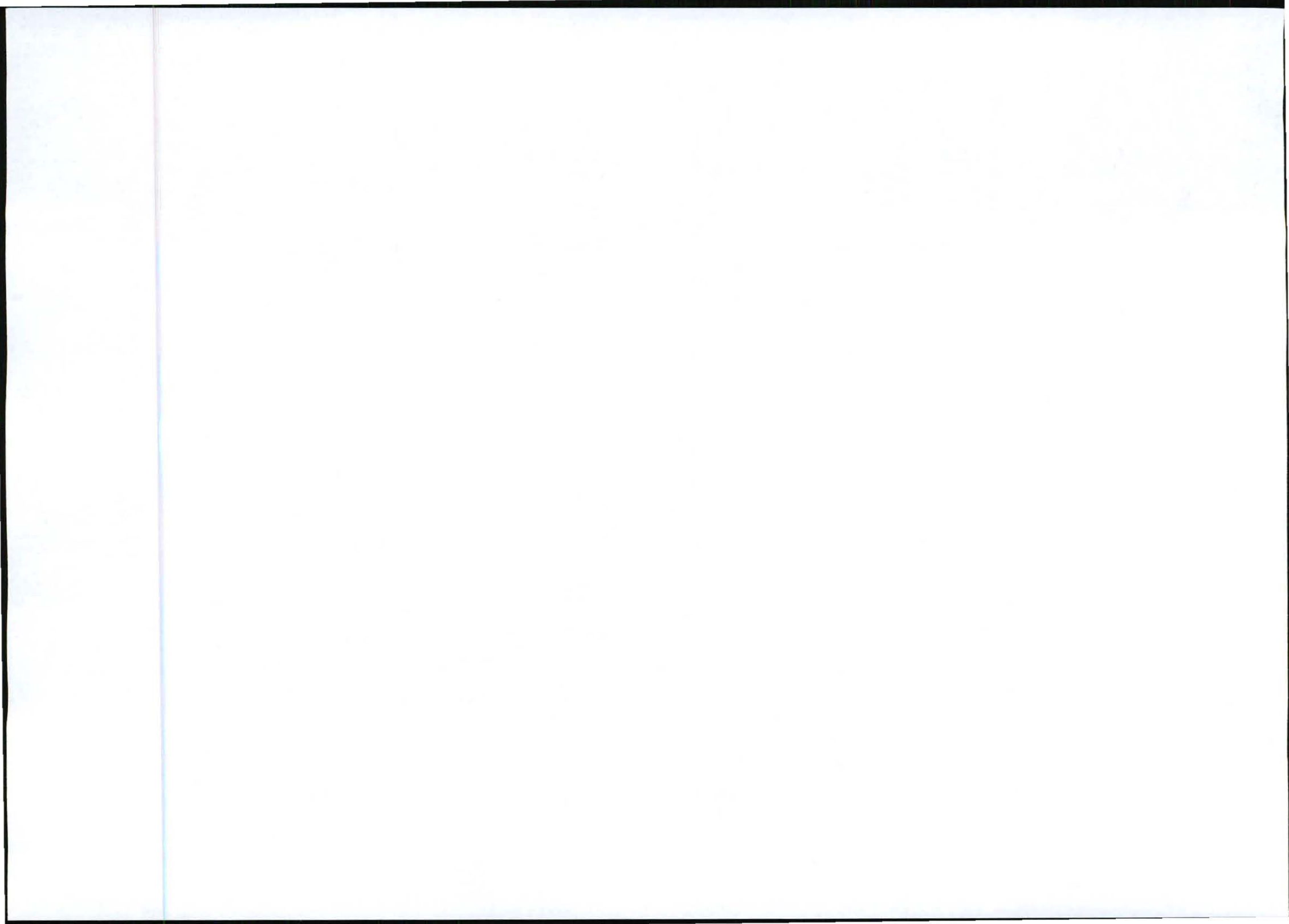
Attached hereto find:

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

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

Yours faithfully


WA VAN'T FOORT
For: Torbious Solutions CC



PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3/GS-51

Regulation 546 activity 3 (a) & (b) : (a) ii (cc) & (ee) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: **T8952 Baltimore Farm**

Location: **Portion 8 of the Farm Witkranz 53 IT**

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

**Alternative 1: Latitude: 26° 10' 03.10" S Longitude: 30° 06' 39.96" E
Lattice type mast painted red and white**

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

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

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

Applicant:

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

Environmental Assessment Practitioner (EAP):

Torbouse Solutions CC.

P.O. Box 32017, Totiusdal, 0134

Attention: : Wilbert Van't Foort

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

E-mail: admin@torbousesolutions.co.za

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

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

Notice publication date:

2 February 2012

UHLELO LOKUHLANGANYELA KOMPHAKATHI

INOMBOLO YEREFERENSI: 17/2/3/GS-51

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) ii (cc) & (ee) : Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka Impahla: **T8952 Baltimore Farm**

Indawo: **Portion 8 of the Farm Witkranz 53 IT**

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

**Esihlukile 1: Ububanzi: 26° 10' 03.10" S Ubude: 30° 06' 39.96" E
Induku ye -lattice ependwe ngokubomvu nokumhlophe**

Ngalokhu kunikezwa isaziso senqubo yokubamba iqhaza komphakathi ngokuhambisana Nemithetho Yokuhlola Umthetho Wamandla Kwezenhlobo (I-Environmental Impact Assessment Regulations) ka-2010 (R543) njengoba ichibiyelwe yamenezelwa ngokuhambisana Nomthetho Wokuphatha Ezenhlobo Kuzwelonke (i-National Environmental Management Act) ka-1998 (Umthetho weNombolo-107 ka-1998) njengoba uchibiyelwe (i-"NEMA"). Izingqubo eziyisisekelo zokuhlola zizosetshenziswa ngokuvumelana nemiyalelo yomthetho 543 bese kufakwa isicelo eMnyangweni Wezolimo, Ukunakekelwa kanye neZemvelo WaseMpumalanga.

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

Umuntu ofaka isicelo:

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

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

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

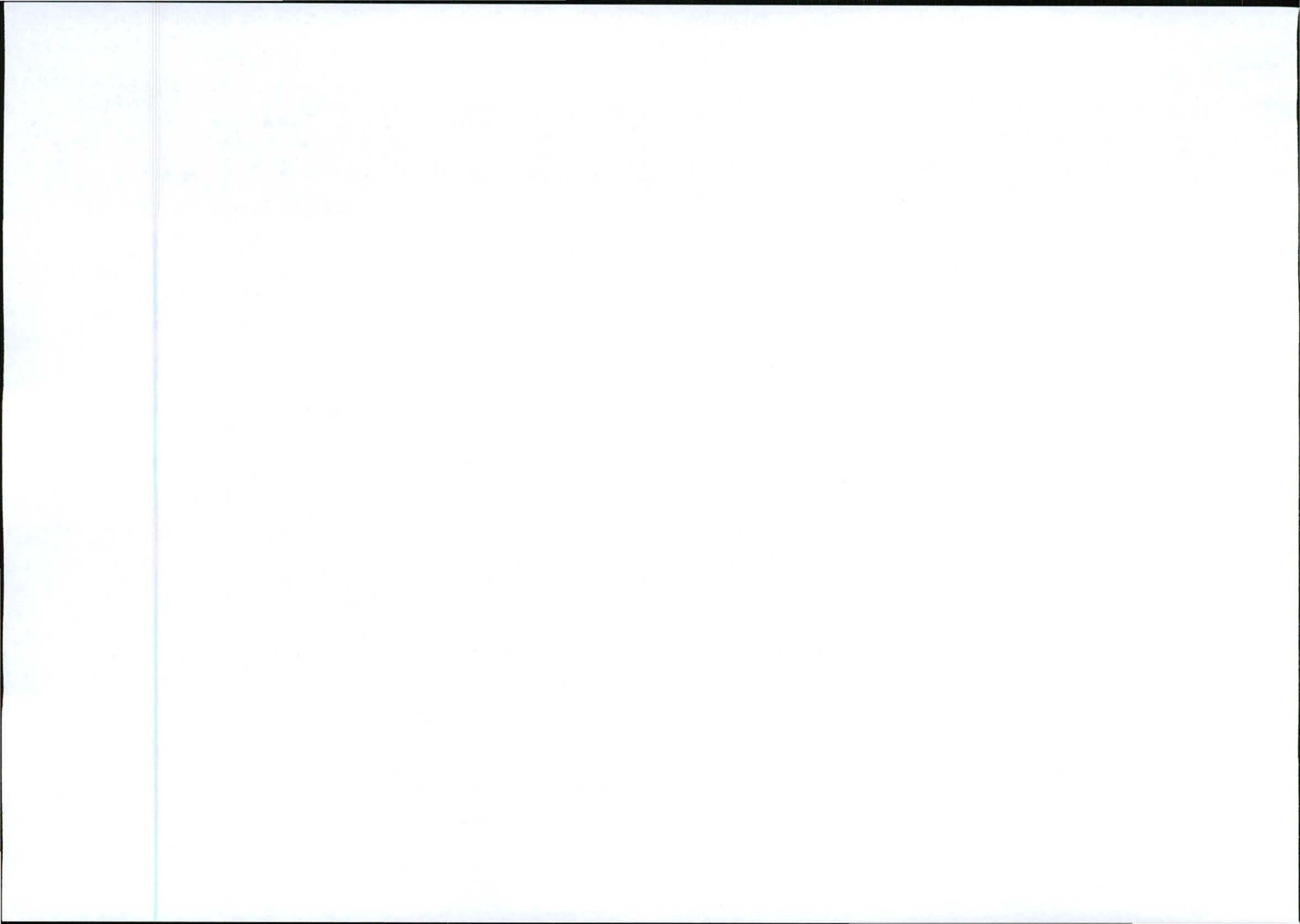
kuqondiswe ku- Wilbert Van't Foort

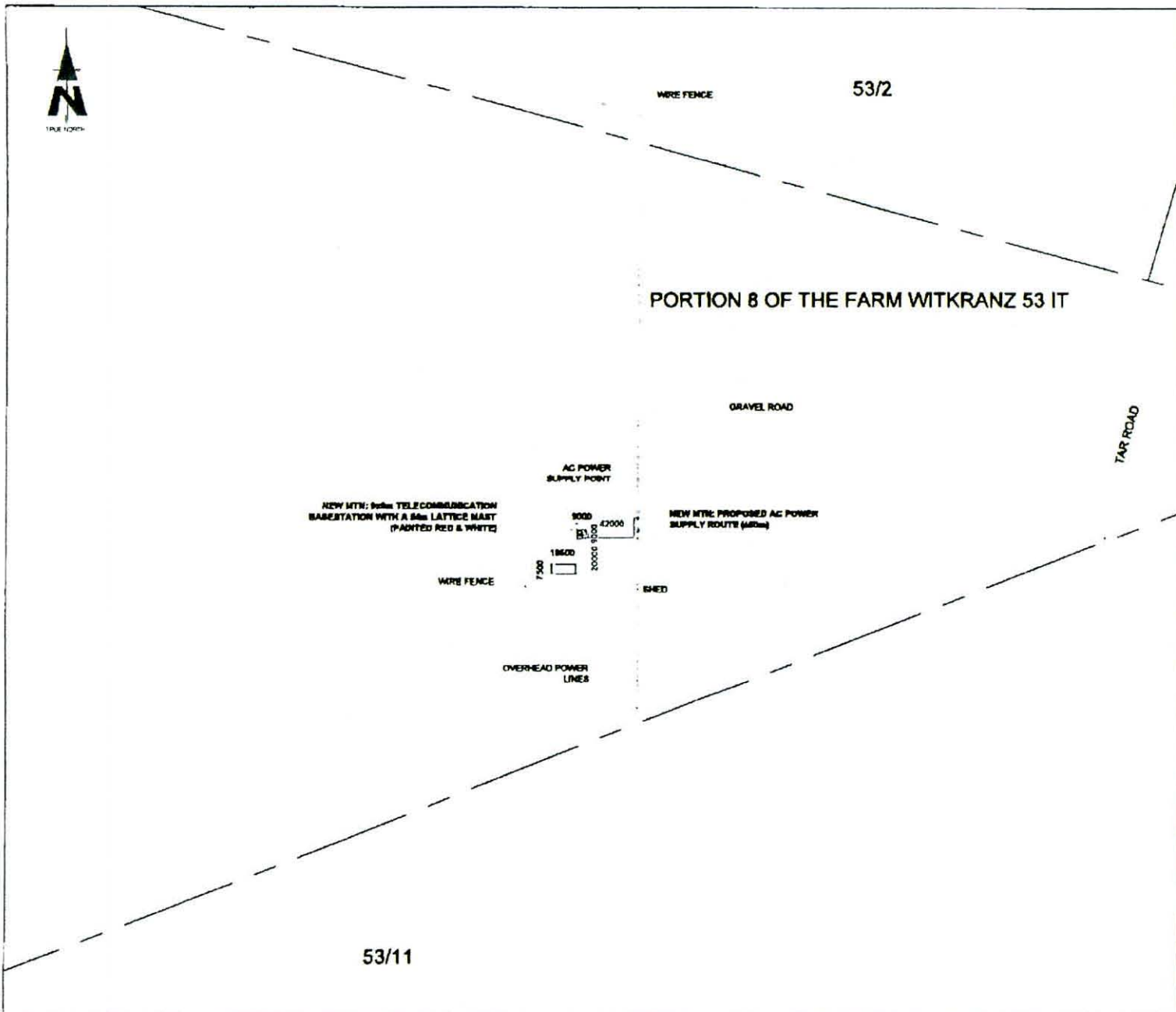
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072,

I-e-meyill: admin@torbousesolutions.co.za

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

Usuku lokushicilelwa kweSaziso: **2 February 2012**





7301 Pineapple Street
 Block B, Midrand Office Complex
 Midrand, 2008
 Tel: +27 (0) 11 442 2556
 Fax: +27 (0) 11 442 6559
 Pinetown Site 1st
 Pinetown Site 2nd
 Midrand Site

SITE NAME
BALTIMORE FARM

BASE STATION NUMBER
T8952

REV	DATE	BY	DESCRIPTION
A	12/06/2011	MY	FIRST ISSUE

NOTES
 OWNER: MEL STEPHANUS JACOBS
 STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
 PORTION 8 OF THE FARM WITKRAZ 53 IT

COORDINATES
 LAT: 26° 17' 03" 10" S
 LONG: 30° 07' 30" 00" E

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

ADDRESS
 BALTIMORE FARM, OFF THE R33
 CAROLINA - CHRISSESMEEP
 ±120m SOUTH OF CAROLINA
 MPLIMALANGA



414 Roubie Road
 Midrand
 2008
 Tel: +27 (0) 11 804 1848
 Fax: +27 (0) 11 804 1075
 info@ips.co.za
 P.O. Box 12017
 Tzaneen
 0154

REF NO
 115052

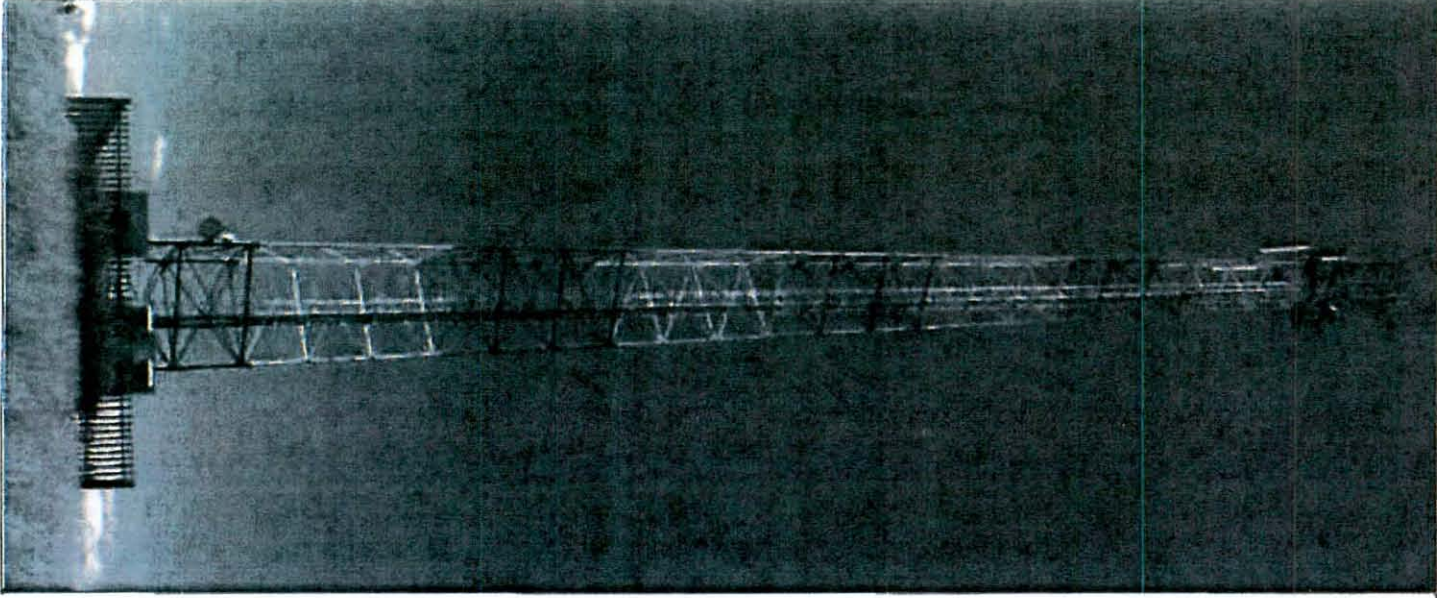
PROJECT NUMBER
 115052

DRAWINGS MUST NOT BE SCALED. ONLY PRINTED DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE SITE INFRASTRUCTURE SPECIFICATION (SIS) (11/07) ISSUE 1 REVISION 8 NOVEMBER 2007

DRAWN: MELISSA YOUNG DATE: 12/06/2011
 SCALE: 1:3000 REF. NO: 812/T8952

SITE DEVELOPMENT PLAN
 SHEET 3 OF 9





TYPICAL 3-LEGGED LATTICE MA ST
(PAINTED RED & WHITE)

SHEET 8 OF 9
FACILITY ILLUSTRATION

SCALE: NTS
DATE: 02/27/2011
DRAWN: MELISSA YOUNG

ALL WORK TO BE PERFORMED ACCORDING TO THE SITE SPECIFICATIONS AND THE LATEST EDITIONS OF THE IBC AND ALL APPLICABLE CODES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AUTHORITIES.

PROJECT NUMBER: 113052

PROJECT NAME: BALTIMORE FARM - CHRISTENSEN, CAROLINA - SOUTH OF CAROLINA, MARYLAND

IPS INFRASTRUCTURE PLANNING SERVICES

PROJECT: NEW 90W TELECOMMUNICATION BASE STATION WITH A 64M LATTICE MAST FOR LITEN (PVT) LTD

ADDRESS: BALTIMORE FARM - CHRISTENSEN, CAROLINA - SOUTH OF CAROLINA, MARYLAND

COORDINATES: LAT 20° 10' 03.10" S
LONG 30° 08' 38.00" E

PROPERTY DESCRIPTION: PORTION 8 OF THE FARM WITHIN 53.11

STRICTLY COMPANY CONFIDENTIAL

DATE: 02/27/2011
DRAWN: MELISSA YOUNG

REV	DATE	BY	DESCRIPTION
A	12/08/2011	MY	FIRST ISSUE

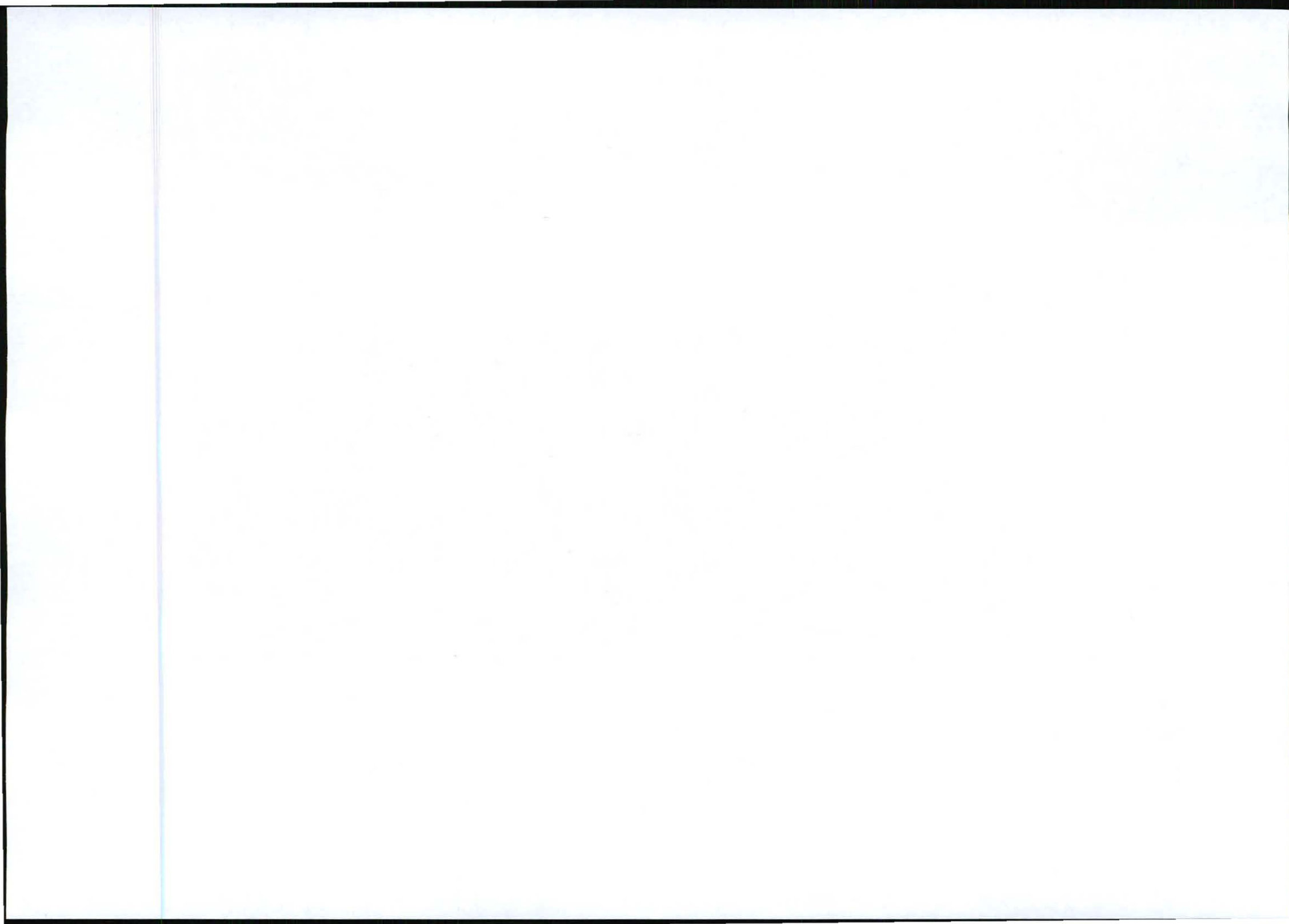
18952

BALTIMORE FARM
TOWER STATION NUMBER

DATE: 02/27/2011
DRAWN: MELISSA YOUNG

IPS INFRASTRUCTURE PLANNING SERVICES

MTN



REGISTERED LETTER
GEREGISTREERDE BRIEF

78952



(with an insurance option/met 'n versekeringsopsie)

Full tracking and tracing/Volledig volg en spoor

Addressed to/Geadresseer aan

SAHRA
PO Box 4637
Cape Town

81000 Postcode
Poskode

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

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

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

Insured value of contents
Versekerde waarde van inhoud R _____ c

Enquiries/Navrae
Toll-free number
To/vry nommer
0800 111 502

Initial of accepting office
Date Stamp
2012-02-02
0134

Affix Track and Trace
customer copy

REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0800 111 502 www.sapo.co.za
RD 604 456 755 ZA
CUSTOMER COPY 381023R

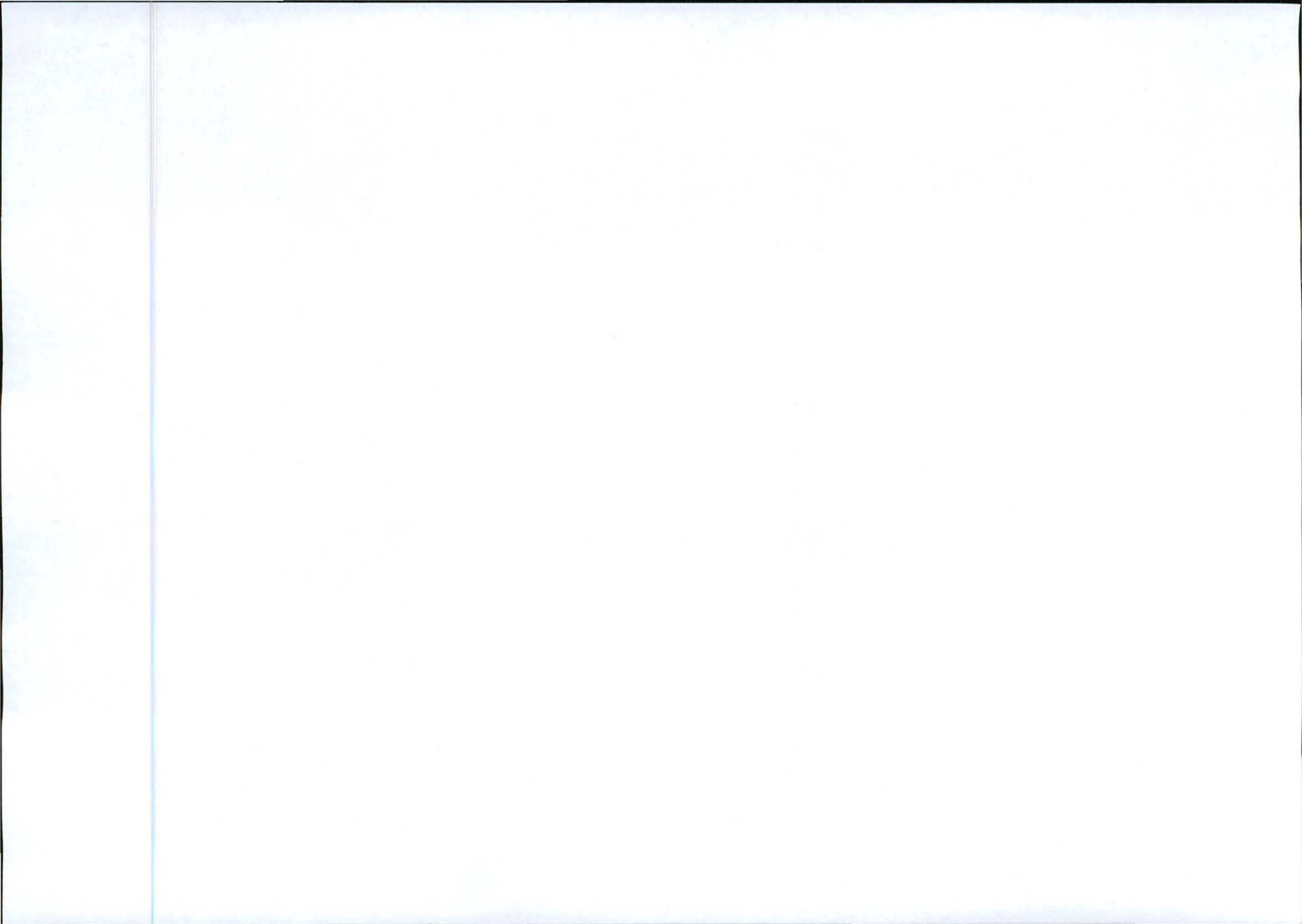
Paraal van
saansom-
beample

Datumstempel

LS0001/400 Product, 011 497 1521 701281



Appendix C: Case Studies



SOUTH AFRICAN



**CIVIL AVIATION
AUTHORITY**

Physical Address:
Bheya Lokundza
Tour Close
Waterfall Park
Bekker Street
Midrand

Postal Address:
Private Bag X 73
Halfway House
1685

Telephone Number:
+27 11 545 1000

Fax Number:
+27 11 545 1465

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

Website address:
www.caa.co.za

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

23 April 2007

Turbhouse Solutions
P O Box 32017
Totiodal
0134

To: Mr Wim Anholts

Communication structure,

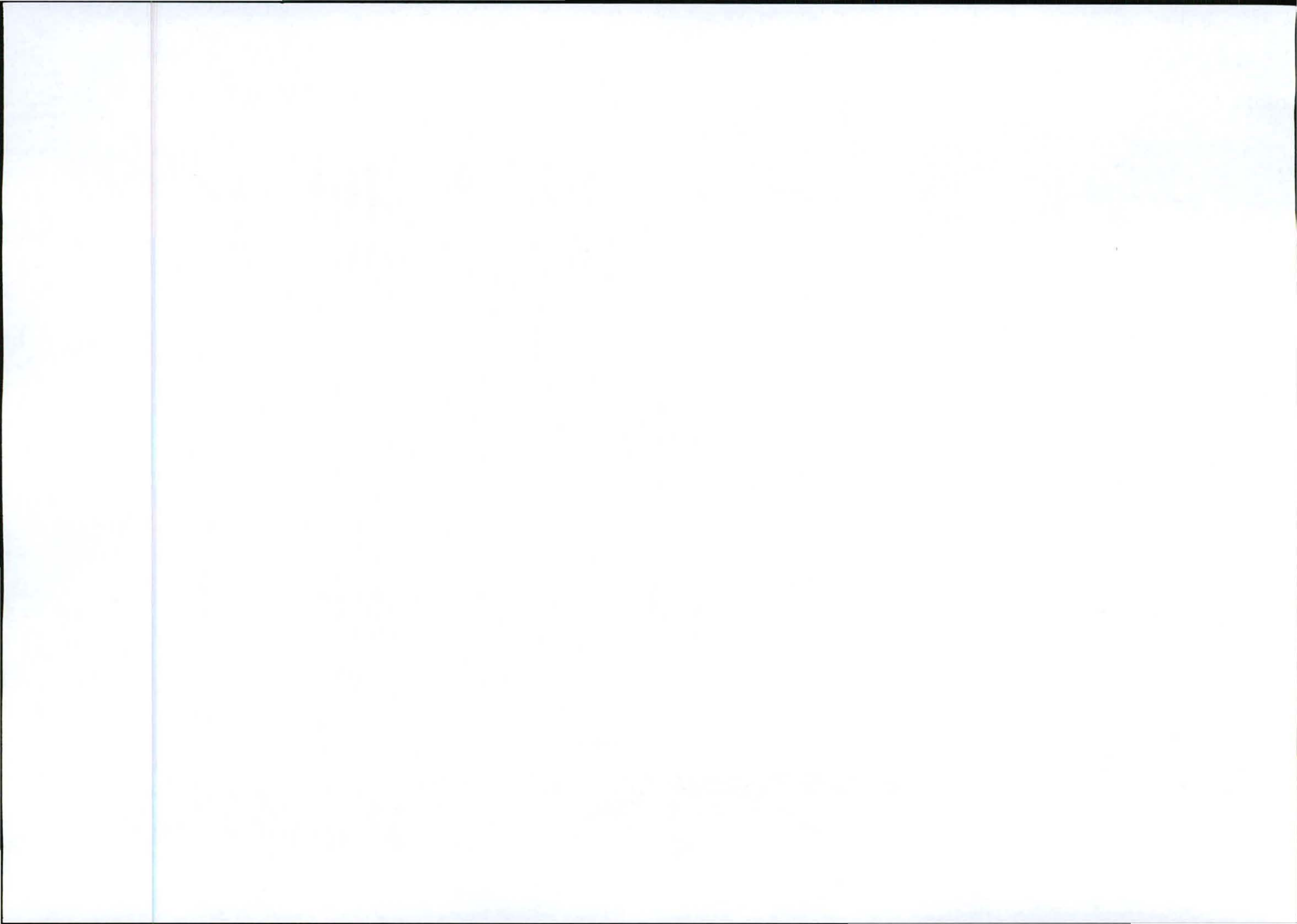
Day and night markings apply to all structures exceeding 45m above the ground in South Africa by default (refer SA-CAR Part 139.01.33),

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

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

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

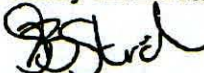
Board Members: Mr D Moorosi (Chairman), Mr J Morrison, Ms M Magasa, Ms B Mohlala, Maj Gen T Ntsibande, Mr Z Myeza (CEO)



Note-

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

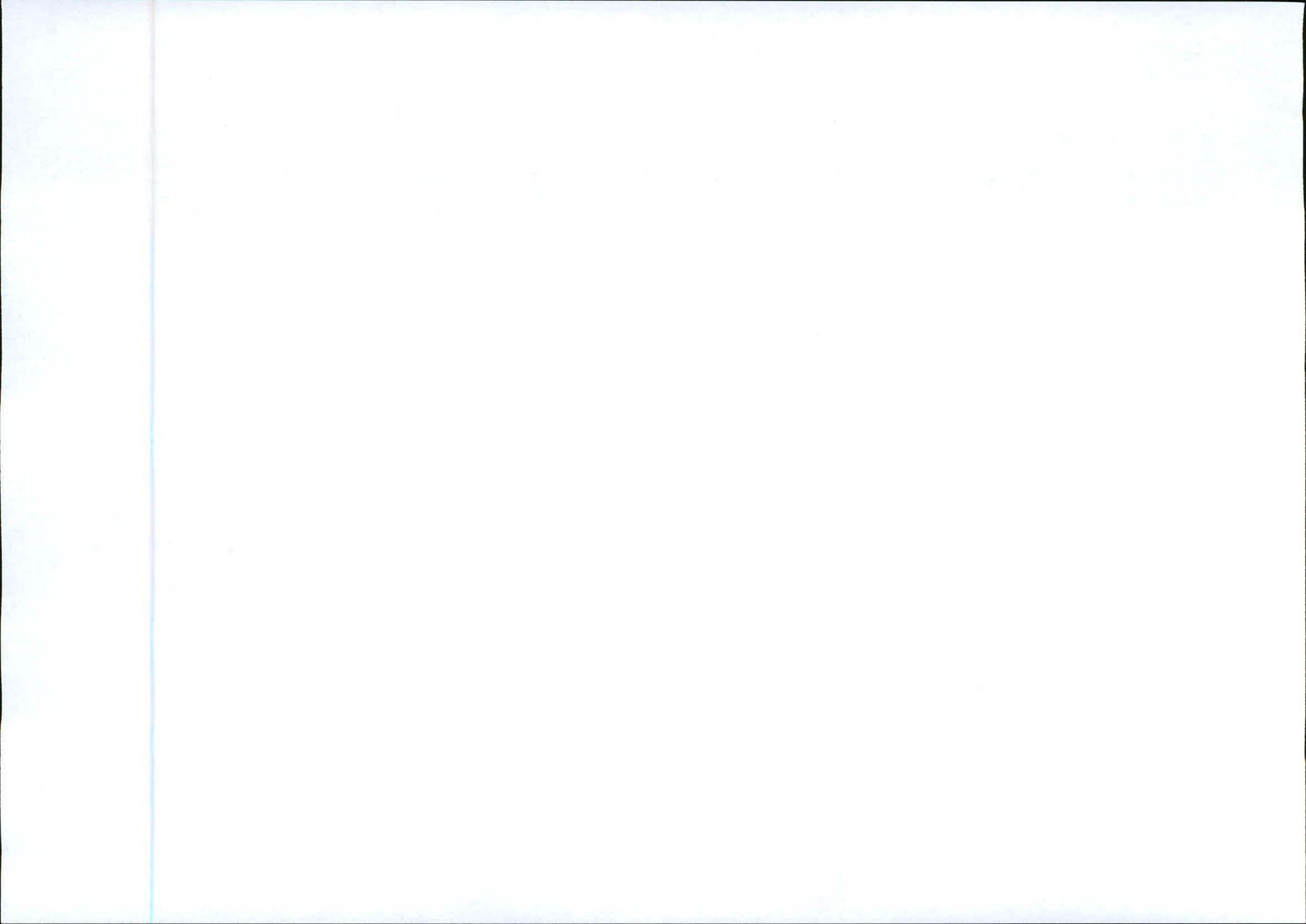
Kindly contact the writer if more information is required.



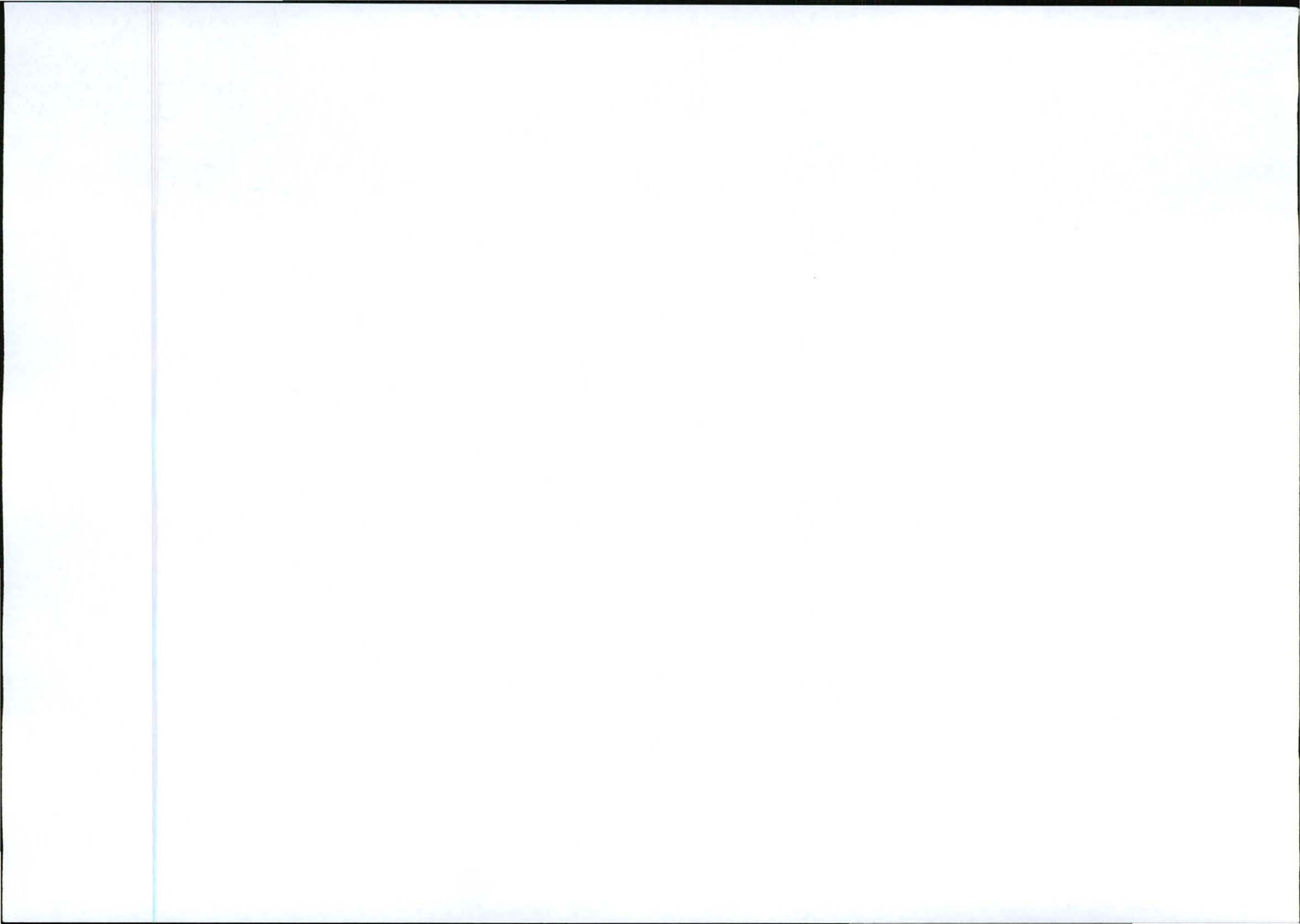
Lizell Stroh

AERODROME SAFETY OVERSIGHT

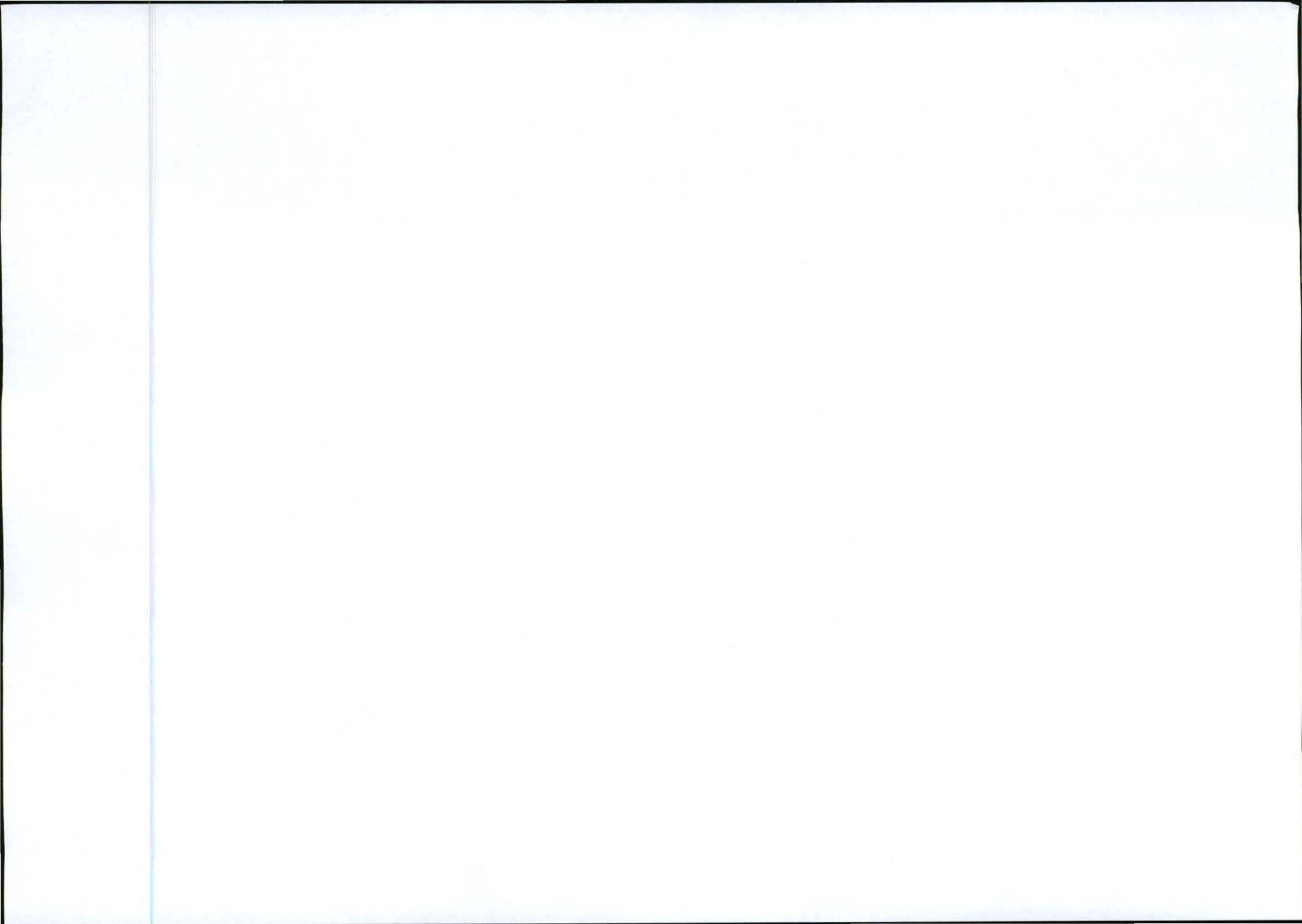
Board Members: Mr D Moorosi (Chairman), Mr J Morrison, Ms M Magasa, Ms B Mohlala, Maj Gen T Ntsibande, Mr Z Myeza (CEO)







Admission to the University of Toronto



Our Reference:
T8952 Baltimore Farm

Your Reference:
17/2/3/GS-51

T 8952

9 March 2012



Mpumalanga Department of Economic Development,
Environment and Tourism
Gert Sibande District
13 De Jager Street
Ermelo
2351

Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiousolutions.co.za

Attention: Mr. Surgeon Marebane
Tell/Cell: 017 811 3944/ 079 841 9582
Email: stmarebane@mpg.gov.za

Dear Sir,

RE: MOTIVATION FOR EXEMPTION FROM ASSESSING ALTERNATIVES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 8 OF THE FARM WITKRANZ 53 IT.

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

Motivation:

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

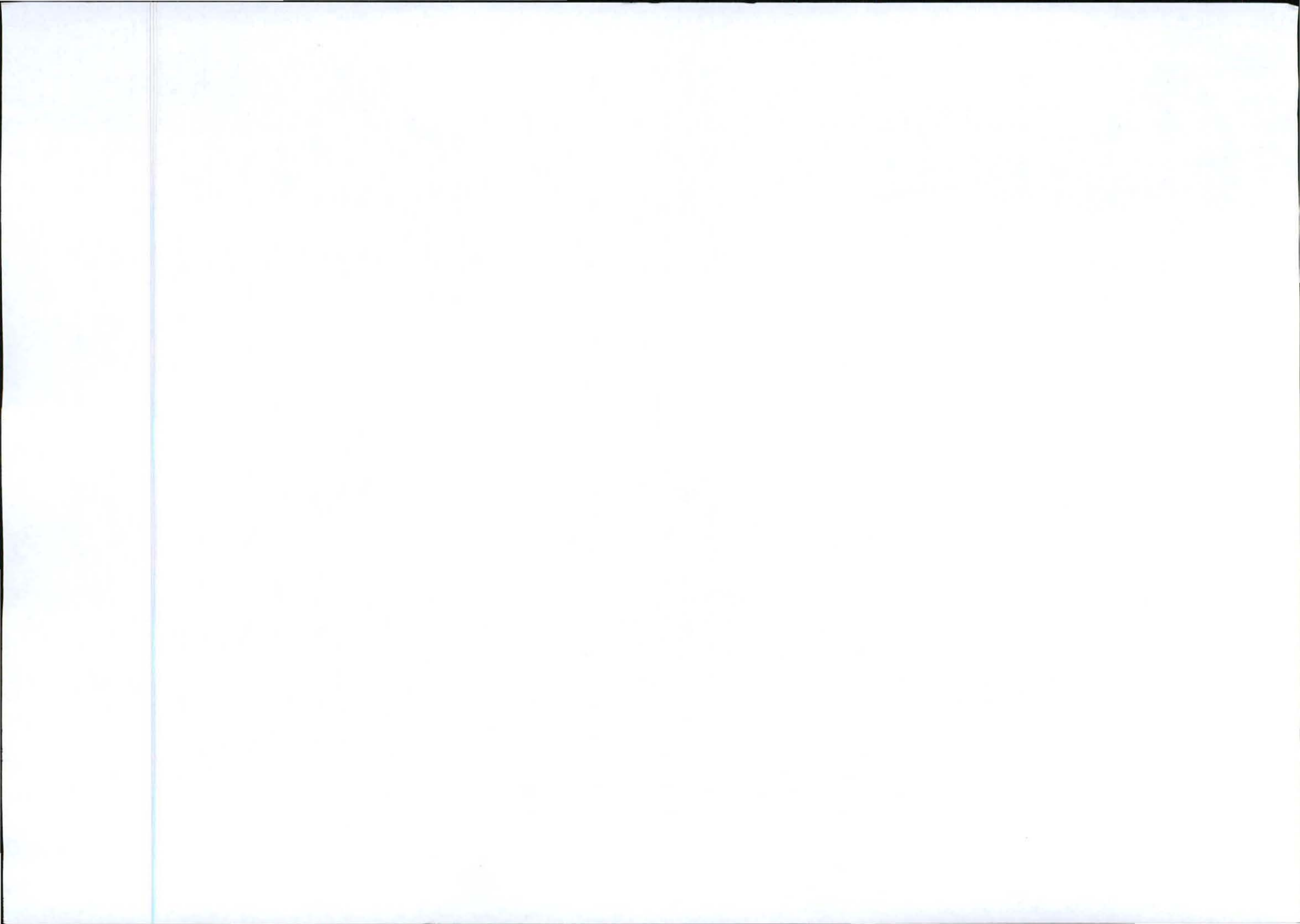
The Portion 8 of the Farm Witkranz 53 IT, where the establishment is proposed was identified by the radio planners of MTN as the best position to place the mast to reach the transmission coverage on the MTN network. The property is already developed with the farm buildings, overhead powerline, fences and road. Environmental impact at this site and on this property will be limited to the visual aspect. The development is planned in the farm yard between tall exotic trees and farm buildings on open ground where no large trees or any endangered plants will need to be removed. The neighbouring properties were not regarded as feasible site alternatives due to more limitations on the network coverage. Another property might also have higher impact on the site footprint area where more indigenous vegetation would have to be removed.

(b) The type of activity to be undertaken:

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

(c) The design or layout of the activity:

The proposed design of the activity is a 54m high lattice telecommunication mast. The 54m height is required to reach the transmission network coverage on the MTN network. The lattice type mast is the only design alternative that provides the required equipment capacity and wind-load capacity. A monopole type mast is not considered a feasible option for this specific development because of more restrictions with regard to the equipment and wind-load capacity. Further



disadvantage of a monopole type mast is increased visibility due to the more solid type structure against the sky background. The SACAA (South African Civil Aviation Authority) prescribed day and night markings, meaning the mast has to be painted red and white with red lights on top for maximum visibility to aircraft to prevent aircraft accidents. Therefore, no other colour alternatives are considered to be feasible due to the red and white colour requirement of the SACAA.

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

MTN Kathrein directional antennae mainly for local area network coverage. No other existing technology is currently available or feasible for the transmission purpose of this proposed development.

(e) The operational aspects of the activity:

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

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

Kind Regards


WA VANT FOORT
For: Torbouse Solutions cc

