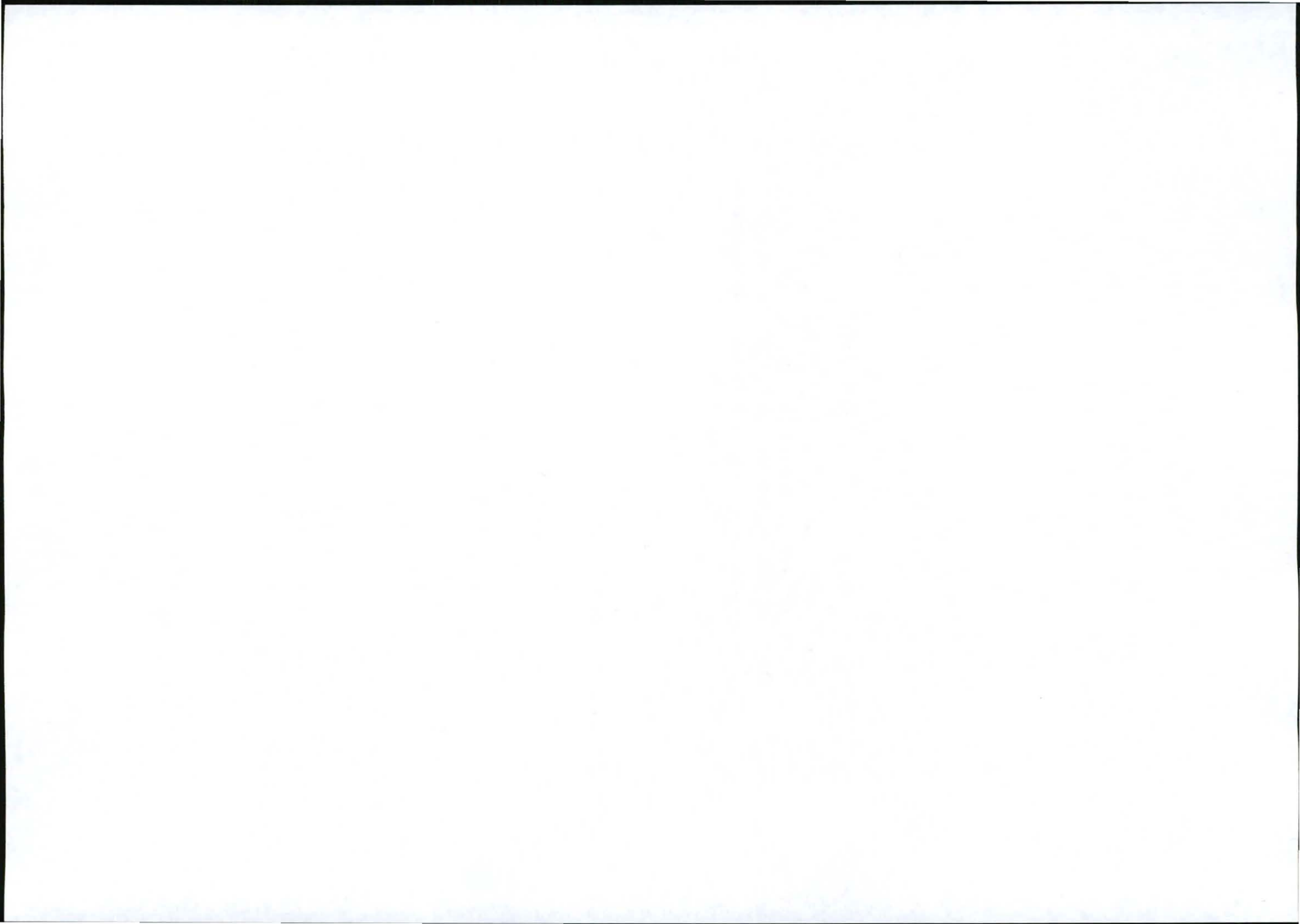
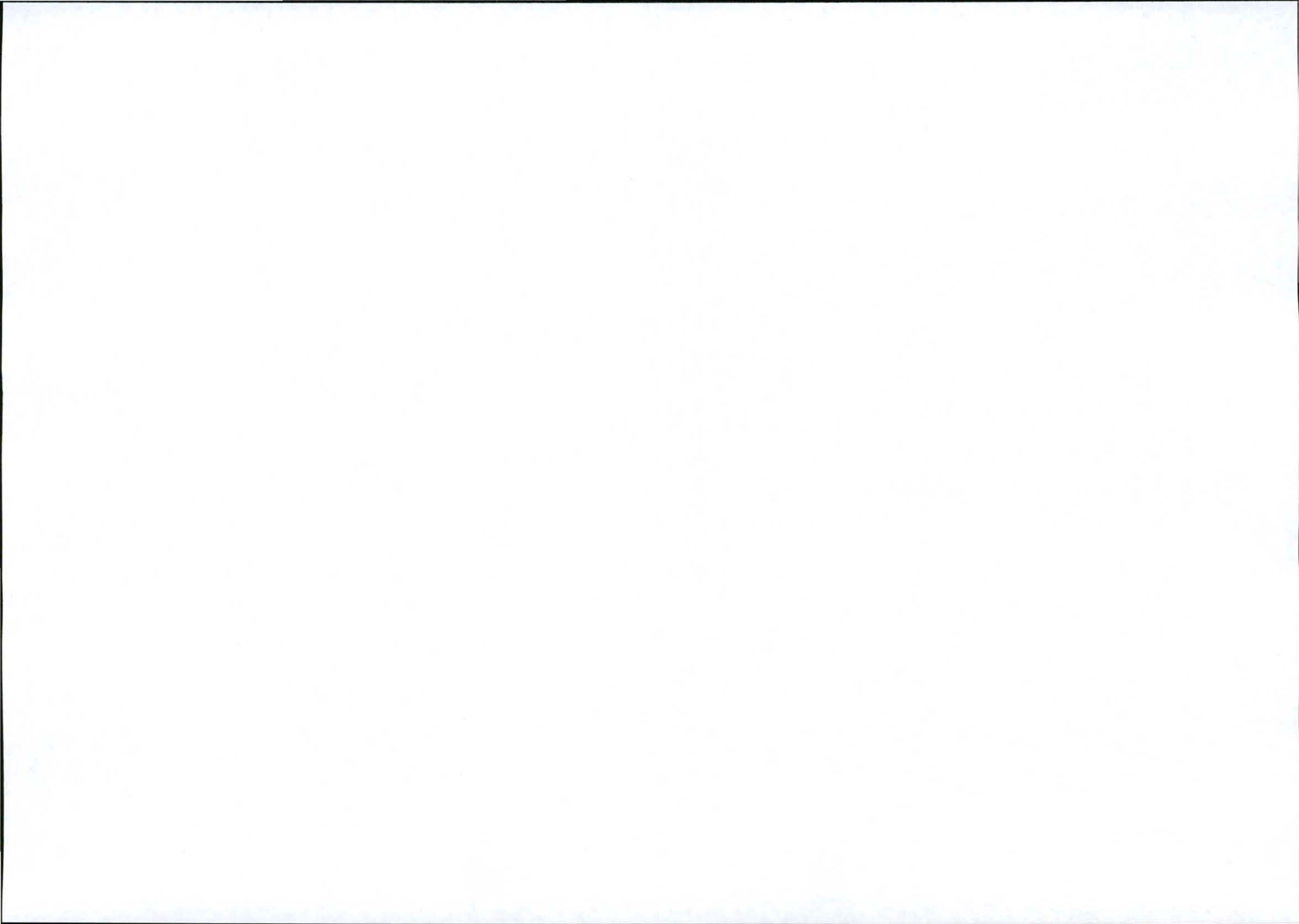


Appendix G1: Public Participation

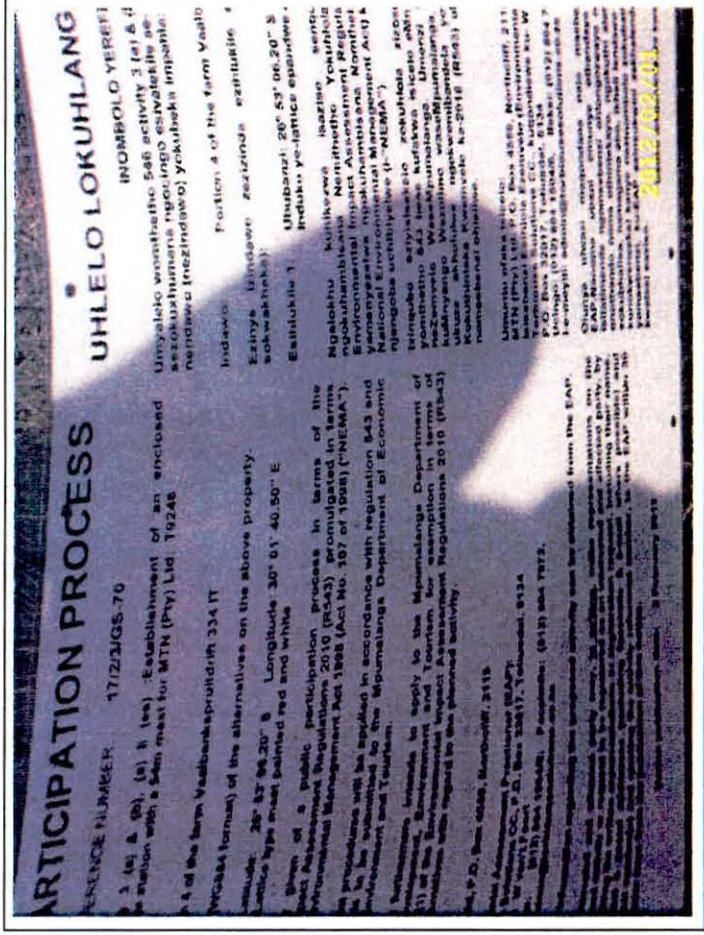
- G1 – Public Participation - Proof of Site Notice**
- G2– Public Participation – Written Notices to I&AP**
- G3- South African Civil Aviation Authority Approval**
- G4– Public Participation – Proof of Newspaper Advertisement**



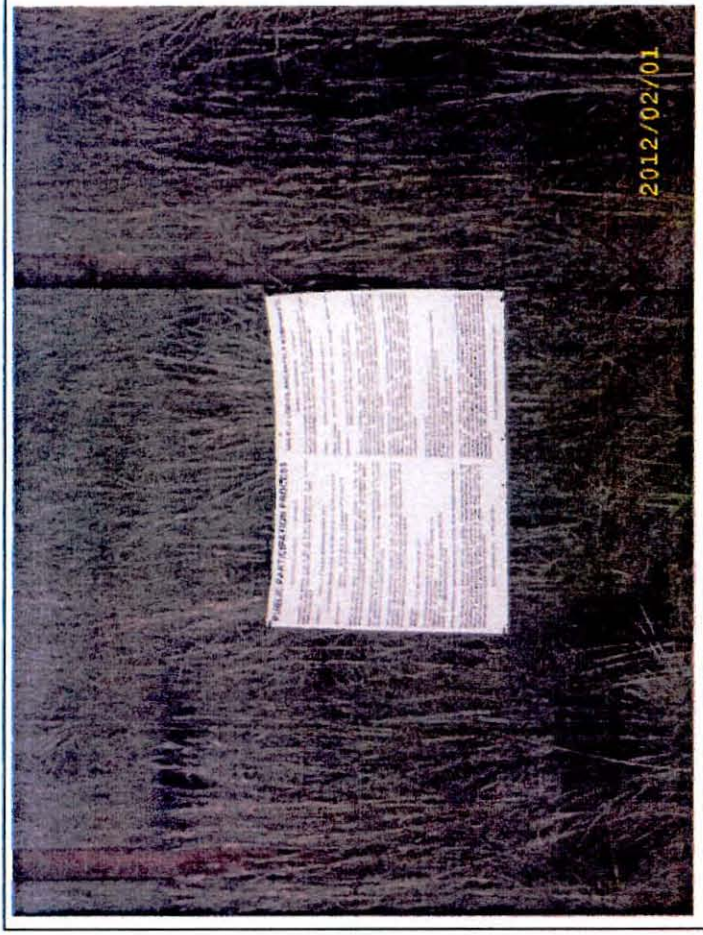
G1 Proof of Site Notice



Proof of Site Notice



Site Notice 1 affixed to stand Next to Road sign of end of the road



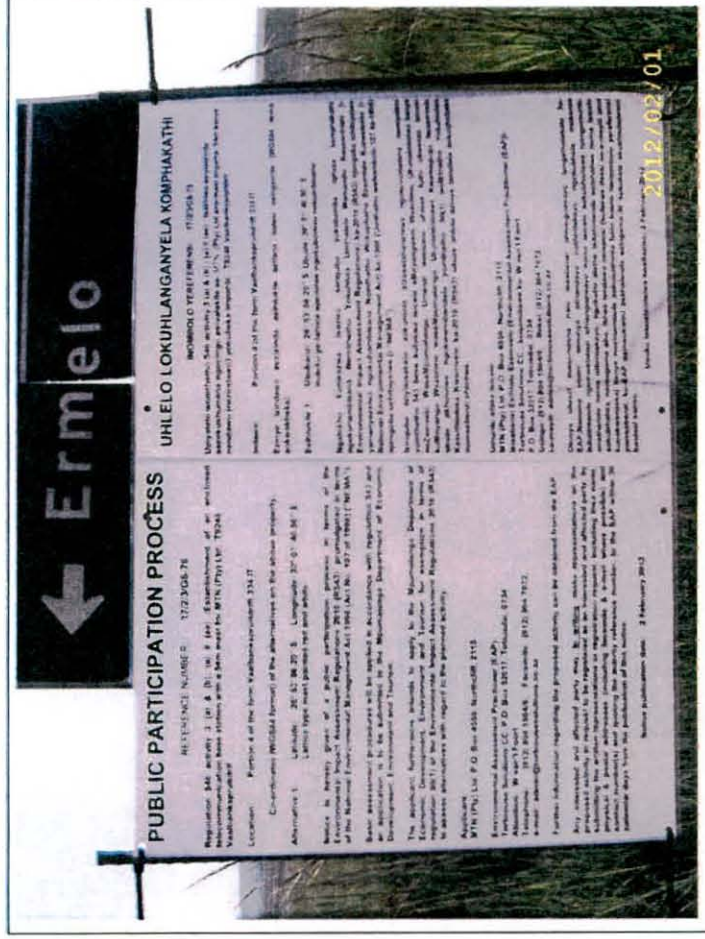
Site Notice 1 affixed to stand Next to Road sign of end of the road



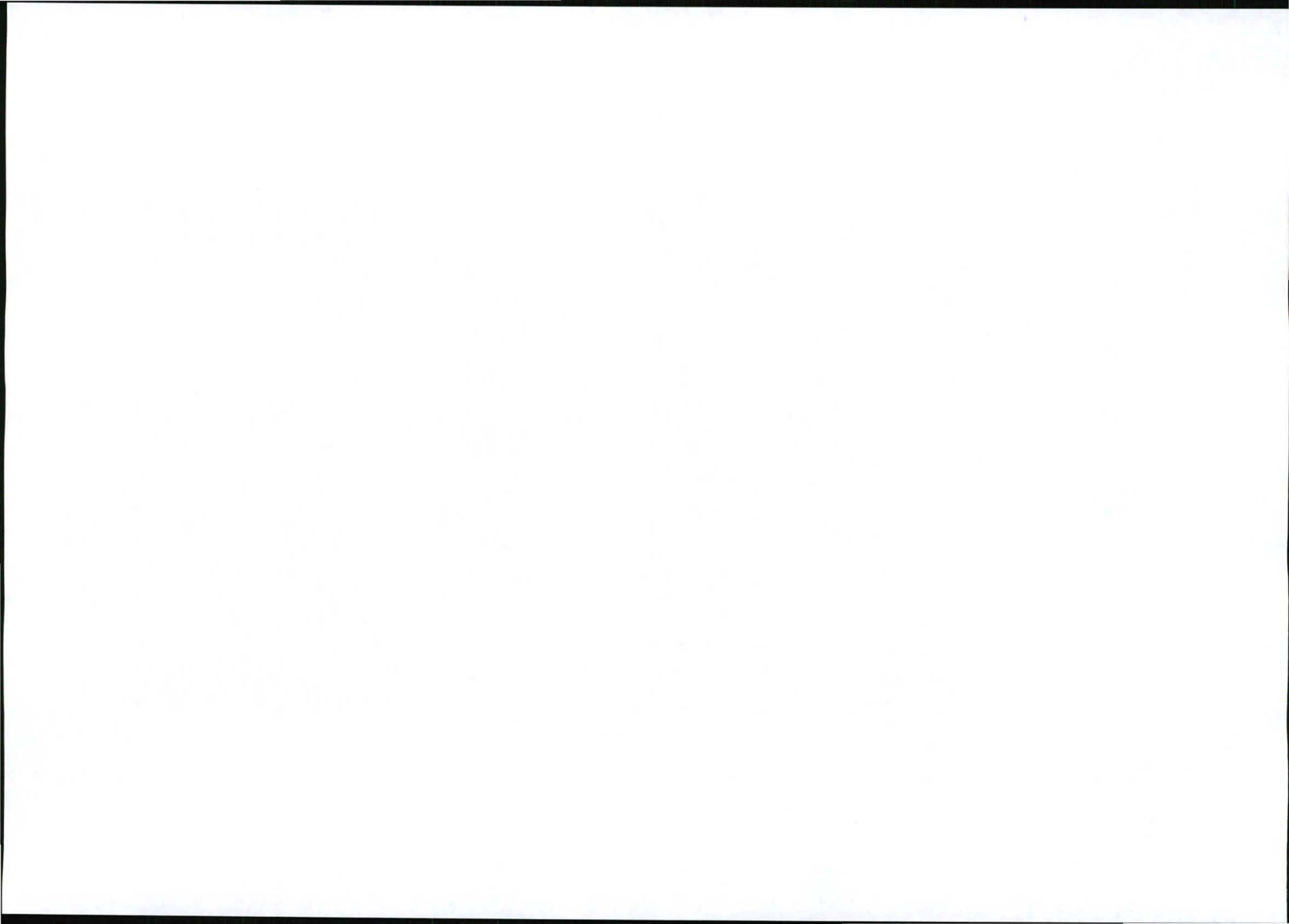
Proof of Site Notice



Site Notice 1 affixed to stand Next to Road sign of end of



Site Notice 2 affixed to stand Next to Road sign to Ermelo



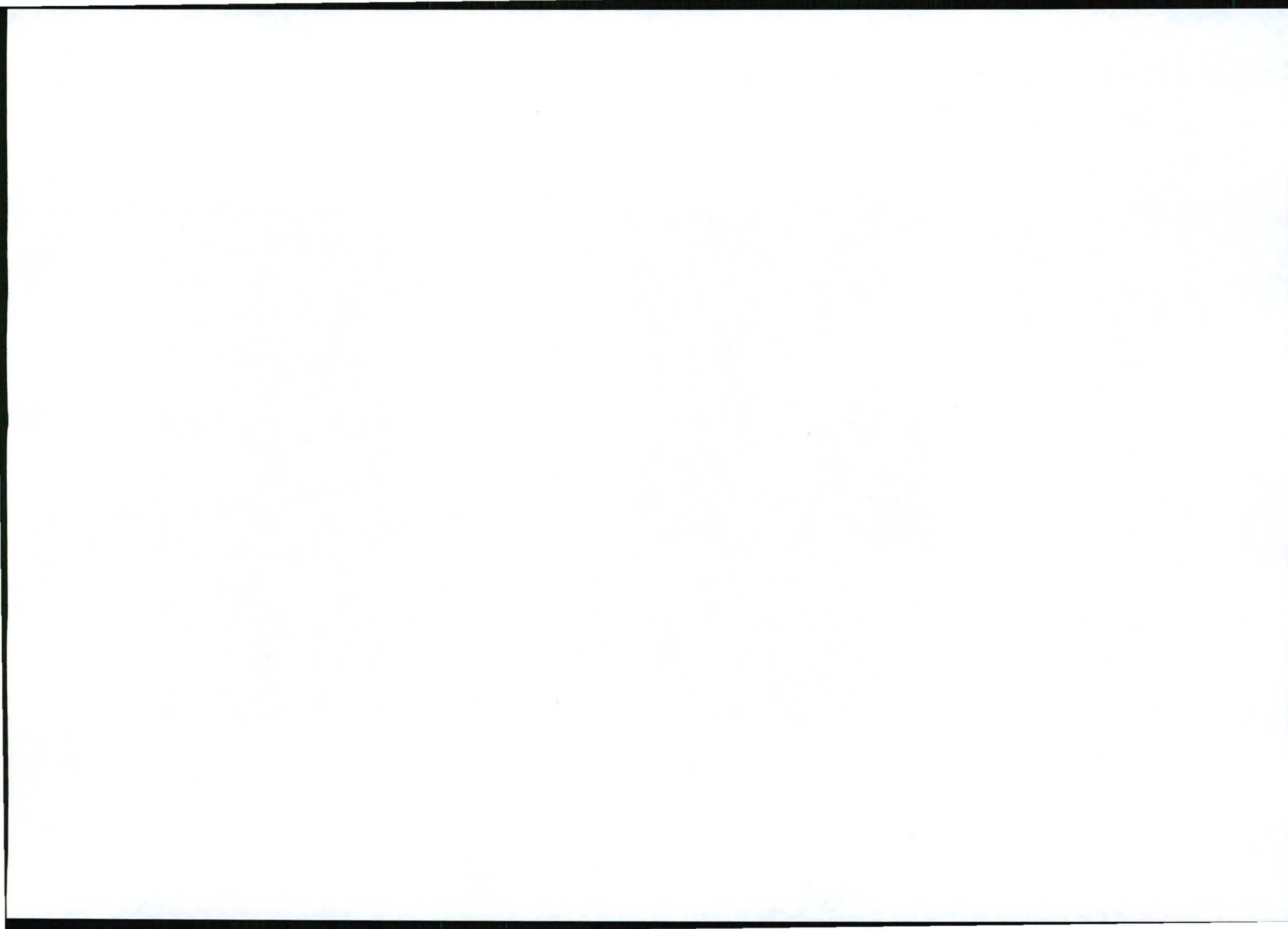
Proof of Site Notice



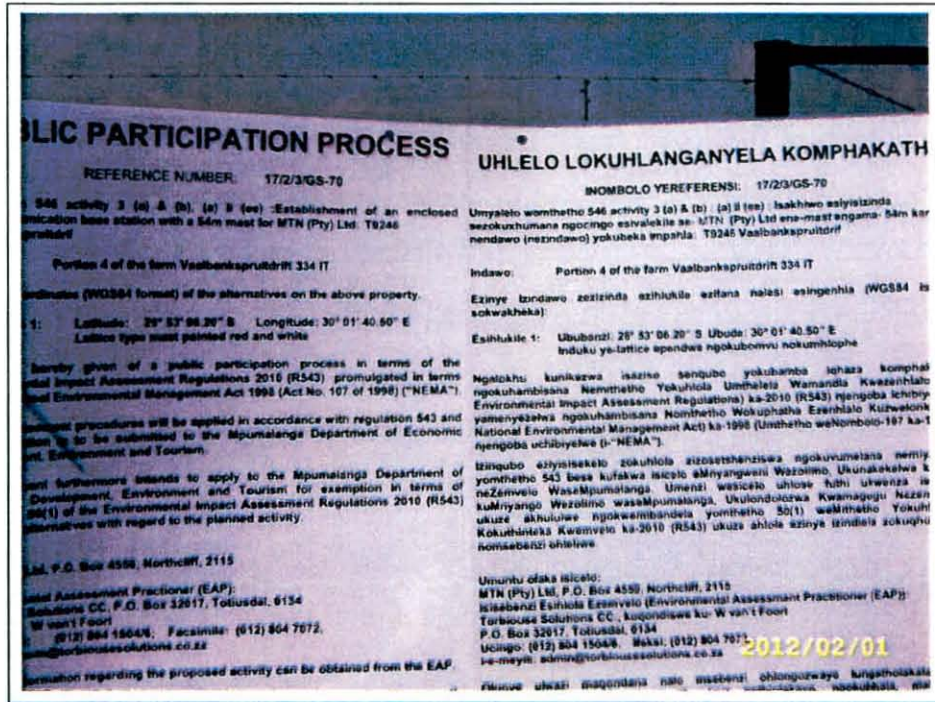
Site Notice 2 affixed to stand Next to Road sign to Ermelo



Site Notice 2 affixed to stand Next to Road sign to Ermelo



Proof of Site Notice



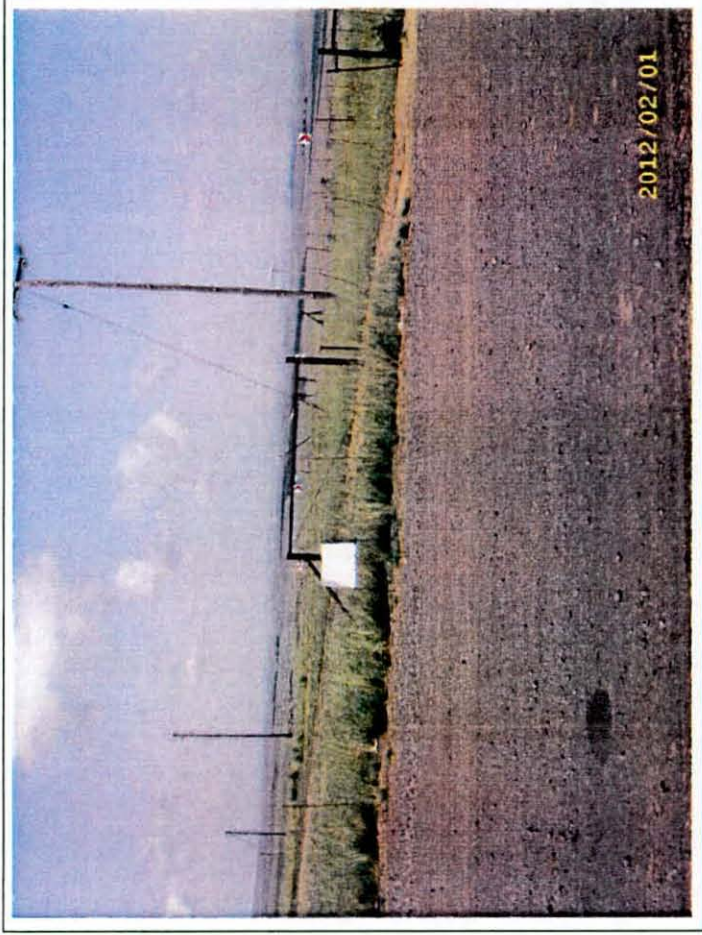
Site Notice 3 affixed to stand next to entrance



Site Notice 3 affixed to stand next to entrance



Proof of Site Notice



Site Notice 3 affixed to stand next to entrance



G2 – Written Notices



Our Reference:
T9246 / 17/2/3/GS-70

Your Reference:

2 February 2012

The Municipal Manager
Pixley ka Seme Local Municipality
Private Bag X 9011
Volksrust
2470

Attention: Mr W.J.Mngomezulu
Environmental Management Section

Facsimile: (017) 735 3004/ 086 630 2209
E-mail: mayor@pixleykaseme.co.za



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 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

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

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

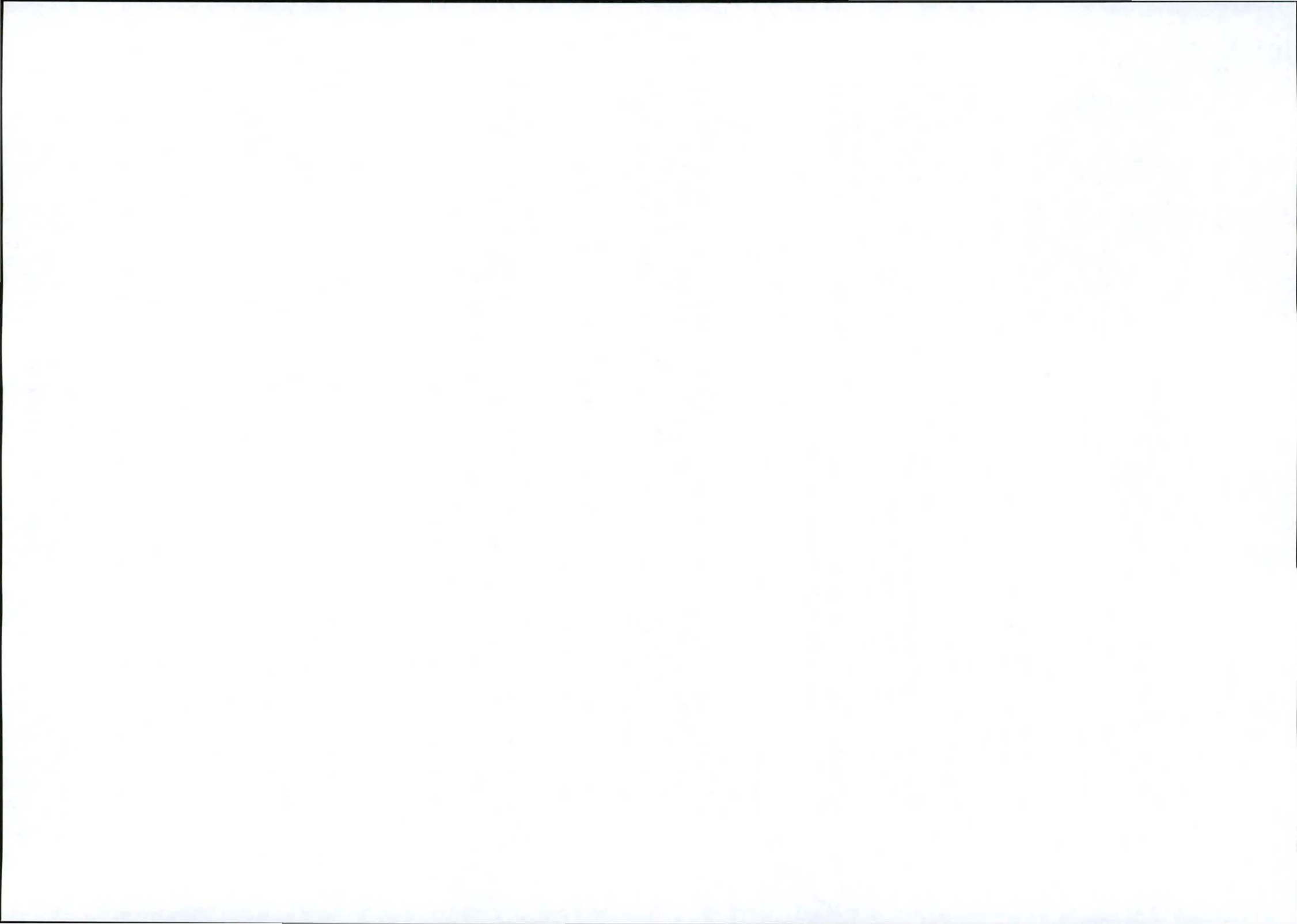
Should you have any further queries please do not hesitate to contact us.

Kind Regards,


WA VAN'T FOORT

For: Torbious Solutions cc

Comments:



TX Result Report

P 1
01/02/2012 15:31
Serial No. A02E041005518
TC: 788519

Destination	Start Time	Time	Prints	Result	Note
0177353004	02-01 14:39	00:02:06	005/010	Cont	
0177353004	02-01 14:44	00:00:38	000/010	Cont	
0177353004	02-01 15:24	00:06:22	005/010	OK	

Note TXR: Timer TX, POL: Polling, ORS: Original Size Setting, FME: Frame Erase TX,
MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FWD: Forward, PC: PC-Fax,
BND: Double-sided Binding Direction, SSI: Special original, FCODE: F-code, RTX: Re-TX,
RLY: Relay, MCF: Confidential, BUL: Bulletin, SIP: SIP Fax, IPADR: IP Address Fax,
I-FAX: Internet Fax

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

Our Reference:
T9246 / 17/2/3/G5-70

Your Reference:

2 February 2012

The Municipal Manager
Pixley ka Seme Local Municipality
Private Bag X 9011
Volkerust
2470

Attention: Mr W.J.Mngomezulu
Environmental Management Section

Facsimile: (017) 736 3004/ 086 630 2209
E-mail: mayor@pixleykaseme.co.za



Reg. No. 2001/080836/23
PO Box 92017, Tottusdal, 0134
414 Rustak Road
Silvertondale, 0184
Pretoria
Tel: (012) 804 1804/ 6
Fax: (012) 804 7872
e-mail: admin@torbiousesolutions.co.za

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1996 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (A) & (B) : (A) II (EE) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

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

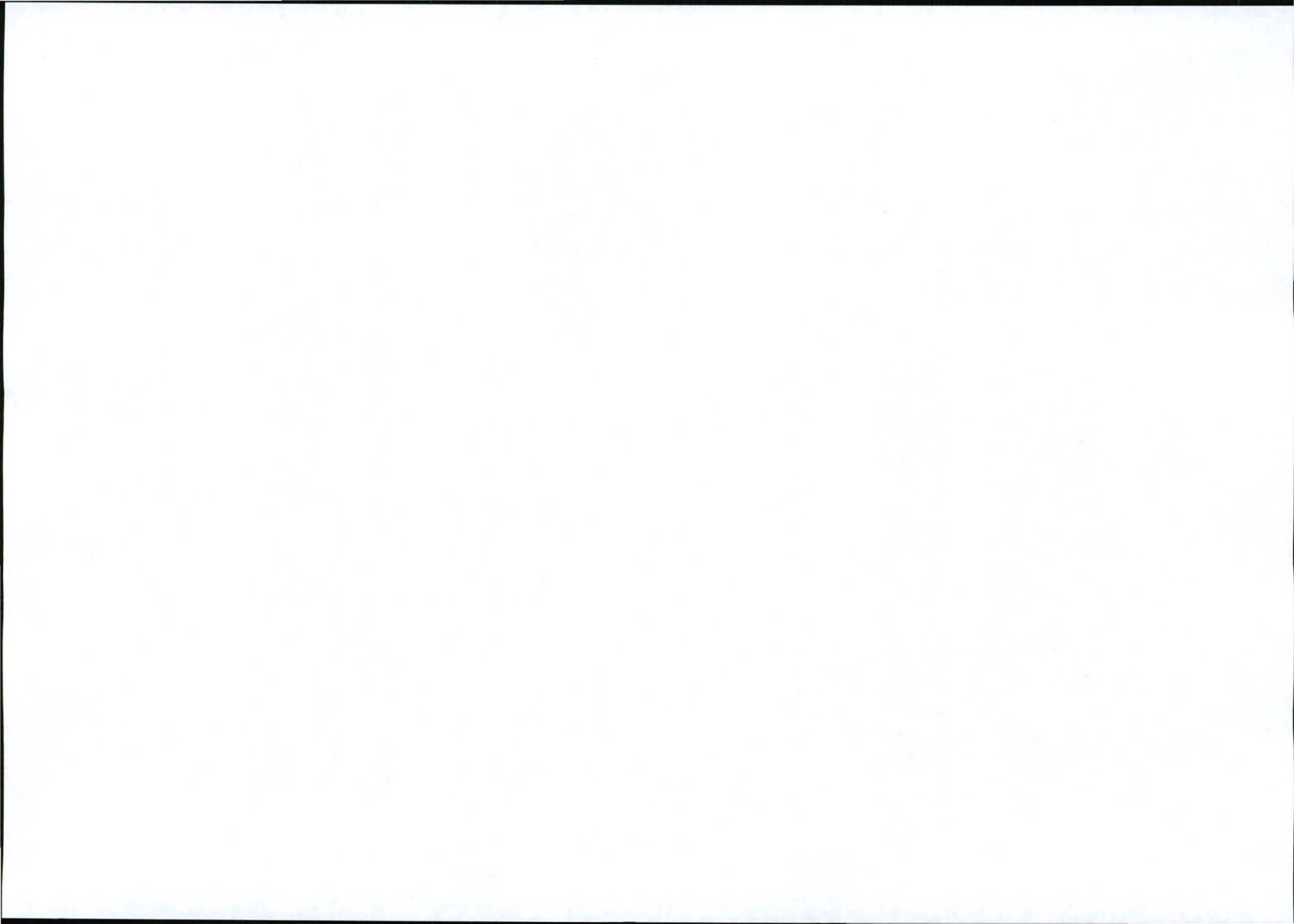
We request you to evaluate the attached information on the proposed project and provide us with your written comments and/or inputs, if any, by faxing or e-mailing such within 30 days from the date of this notification. It will be assumed that you do not have any comments on the Environmental Application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



Our Reference:
T9246 / 17/2/3/GS-70

Your Reference:

2 February 2012

The Ward Councillor
Pixley ka Seme Local Municipality
Private Bag X 9011
Volkrust
2470

Attention: Clr E M Madonsela
Councillor: Ward 8

Facsimile: 086 630 2209
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 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 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.

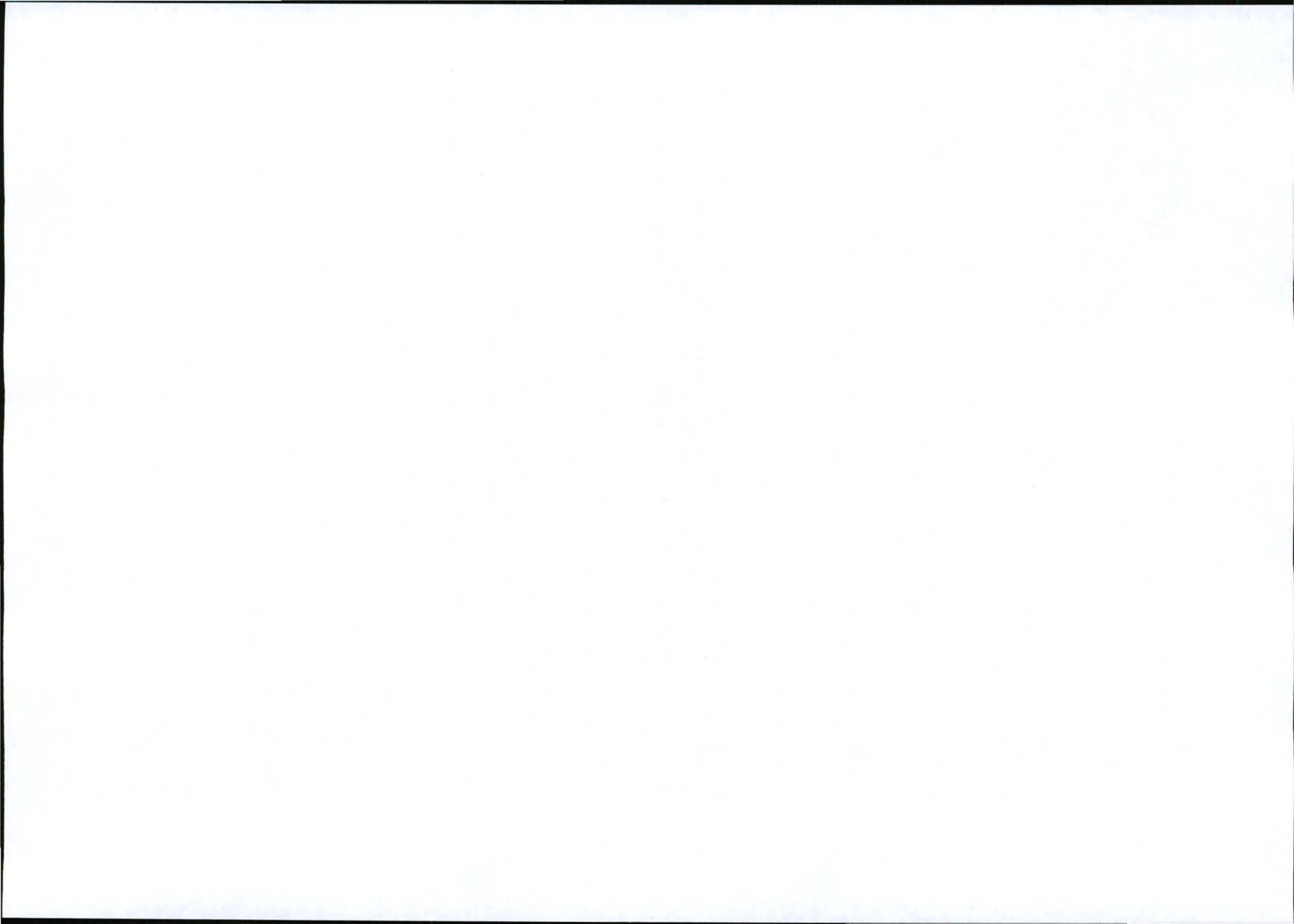
Please forward the attached documentation to the relevant Resident Association or provide us with their contact details.

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

Kind Regards,


WA VAN'T FOORT
For: Torbious Solutions cc

Comments:



TX Result Report

P 1
 01/02/2012 15:24
 Serial No. A02E041005510
 TC: 788510

Destination	Start Time	Time	Prints	Result	Note
0866302209	02-01 14:47	00:37:05	010/010	OK	

Note TMR: Timer TX, POL: Polling, ORG: Original Size Settings, FME: Frame Erase TX,
 MX: Mixed Original TX, CALL: Manual TX, CSAC: CSAC, FWD: Forward, DC: PC-Fax,
 BND: Double-Ended Binding Direction, SPI: Special Original, FCODE: F-code, RTX: Re-TX,
 RLY: Relay, MRC: 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:
 T9246 / 17/2/3/GS-70

Your Reference:

2 February 2012

The Ward Councillor
 Pixley ka Seme Local Municipality
 Private Bag X 9011
 Volkrust
 2470

Attention: Cnr E M Madonsela
 Councillor: Ward 8

Facsimile: 086 630 2209
 E-mail:



Reg. No. 2001/080636/23
 PO Box 32017, Totterdell, 0154
 414 Rustic Road
 Silvertondale, 0154
 Pretoria
 Tel: (012) 804 1864/5
 Fax: (012) 804 7072
 e-mail: admin@torbiousesolutions.co.za

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

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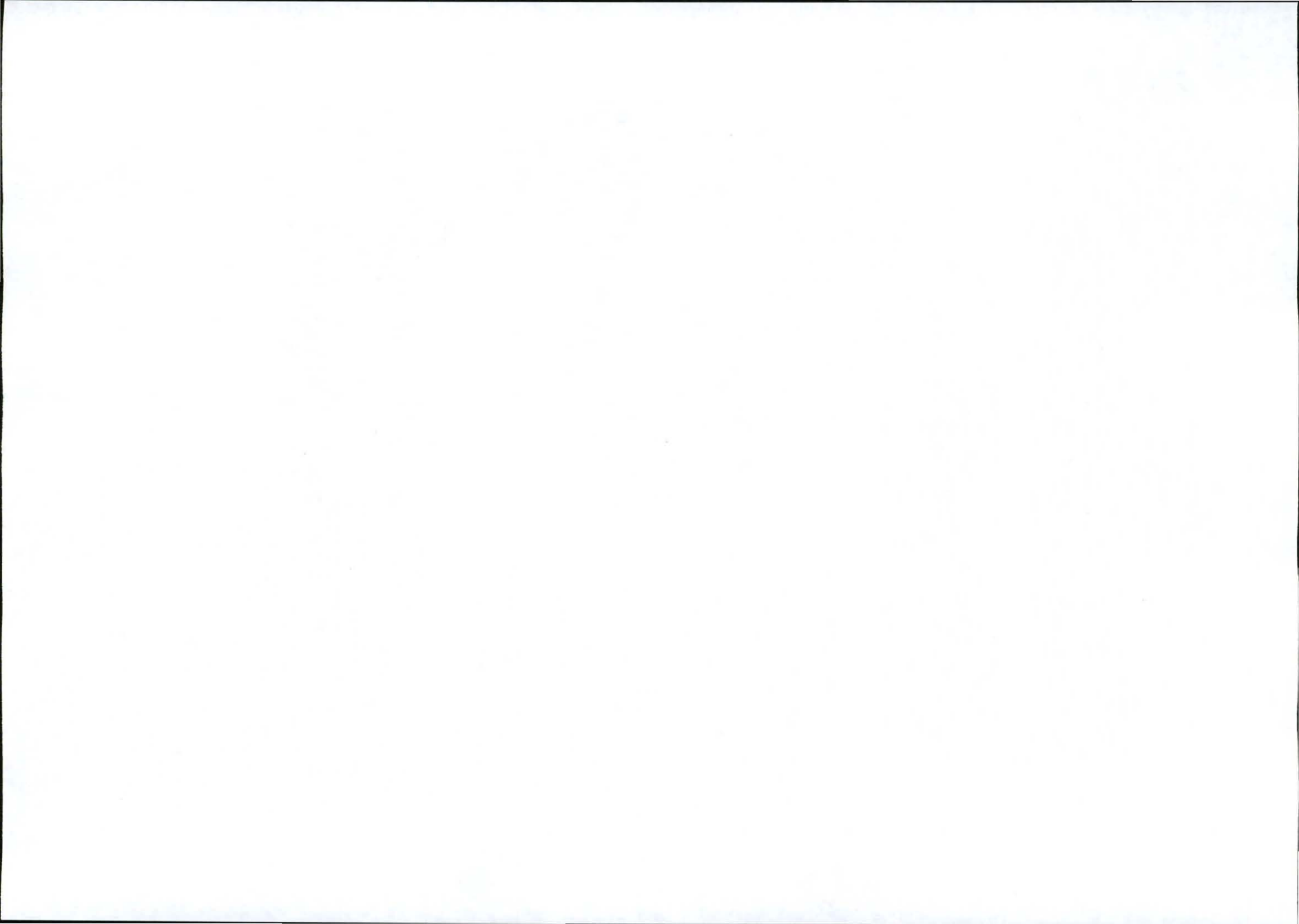
Please forward the attached documentation to the relevant Resident Association or provide us with their contact details.

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

Kind Regards,

WA VANIT FOORT
 WA VANIT FOORT
 For: Torbious Solutions cc

Comments:



Our Reference:
T9246 / 17/2/3/GS-70

Your Reference:

2 February 2012

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

Attention: Mr M.Ngcobo
Environmental Management Section

Facsimile: 017) 631 1607
E-mail: marinda.booth@gsibande.gov.za



Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torblousesolutions.co.za

Dear Sir / Madam,

INTENTION TO SUBMIT AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) ii (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

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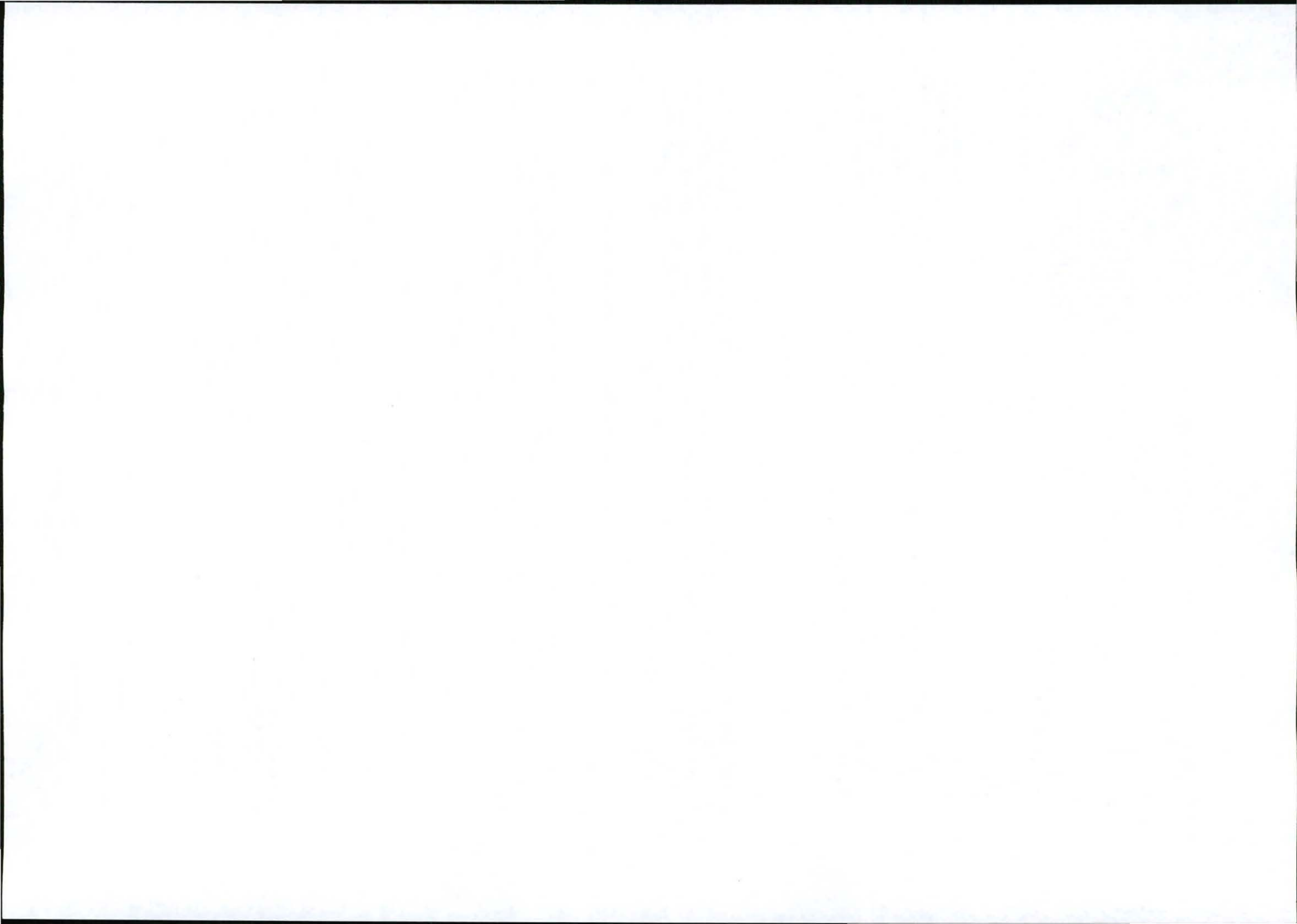
Please forward the attached documentation to the relevant Resident Association or provide us with their contact details.

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

Kind Regards,


WA VAN'T FOORT
For: Torbious Solutions cc

Comments:



TX Result Report

P 1
 07/02/2012 14:26
 Serial No. A02E041005518
 TC: 791864

Destination	Start Time	Time	Prints	Result	Note
0178111207	02-07 14:23	00:02:59	010/010	OK	

Note TX: Timer TX, POL: Polling, ORG: Original Size Setting, FME: Frame Erase TX, MIX: Mixed Original TX, CALL: Manual TX, CSRC: CSRC, FBD: Forward, DC: DC-Fax, BDD: Double-Sided Binding Direction, SPI: Special original, FCODE: F-code, RTX: Re-TX, BLV: Relay, HBI: 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:
 T9246 / 17/2/3/GS-70

Your Reference:

2 February 2012

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

Attention: Mr M.Ngoobo
 Environmental Management Section

Facsimile: 017) 631 1607
 E-mail: marinda.booth@gelibande.gov.za



Reg. No. 2001/060636/23
 PO Box 32017, Totusdal, 0134
 414 Rustic Road
 Silvertondale, 0154
 Pretoria
 Tel: (012) 804 1504/5
 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 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 (a) & (b) : (a) II (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

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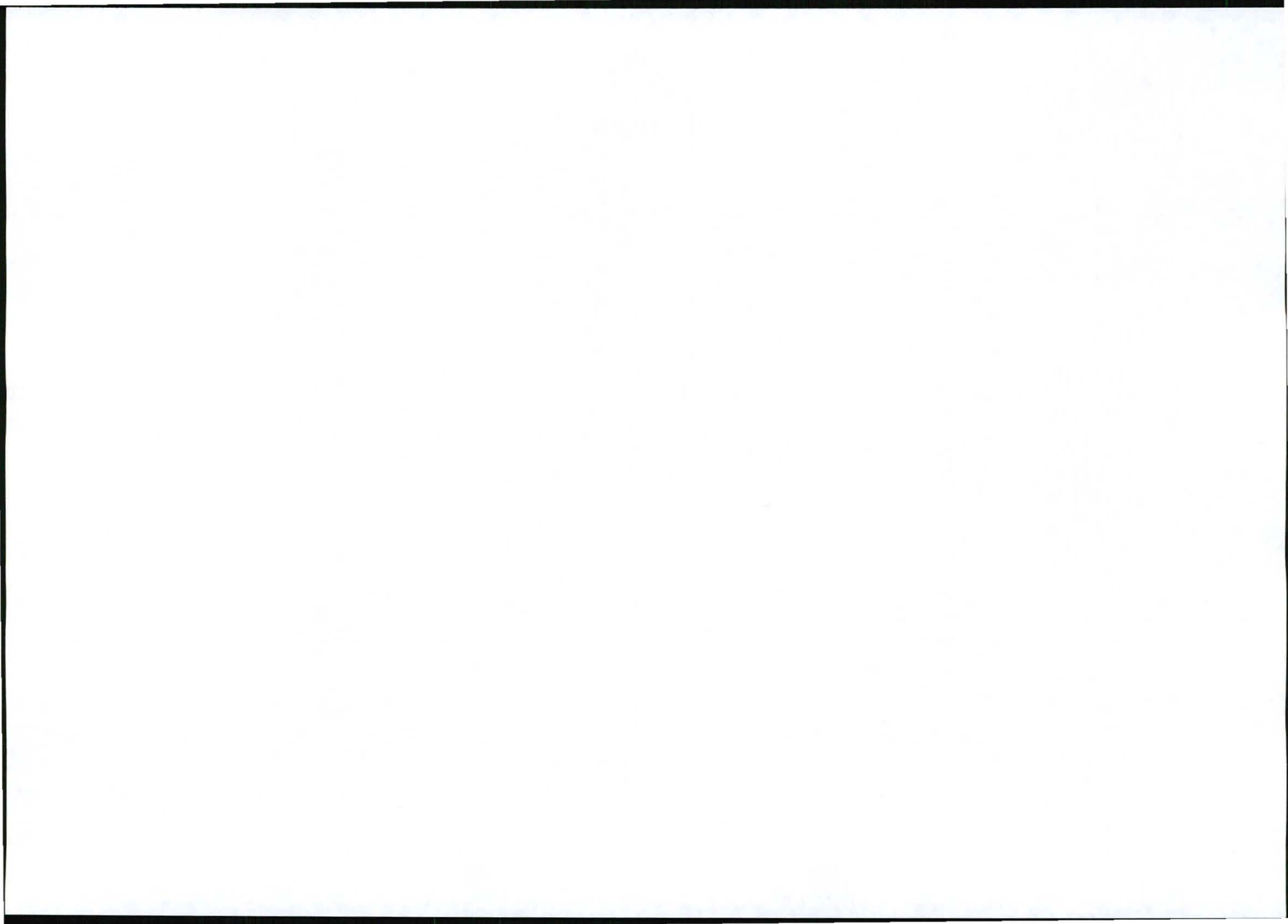
Please forward the attached documentation to the relevant Resident Association or provide us with their contact details.

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

Kind Regards,

W. Van't Poort
 WA VAN'T POORT
 For: Torbiouse Solutions cc

Comments:



127 Piquette Street
 Suite B, Hazelton, Canada WA - 27 (77) 342 2900
 Phone: 800 1 800 368 7118
 Fax: +27 (77) 342 2908
 Email: info@mtn.ca

MTN

VAALBANKSPRUITDRIF
 NAME: VAALBANKSPRUITDRIF
 NAME WITHIN NUMBER: T9246

REV	DATE	BY	DESCRIPTION
A	22/1/2011	WV	FIRST ISSUE

NOTES

OTHER SHEETS REFERRED

STRICTLY COMPANY CONFIDENTIAL

PORTION 4 OF THE FARM VAALBANKSPRUITDRIF 324 IT

COORDINATES
 LAT 26° 53' 06.20" S
 LONG 30° 01' 40.50" E

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

ADDRESS
 VAALBANK SPRUIT DRIFT
 AMERSFOORT
 FARM 8 HOEK ROAD
 MPMALANJA

INFRASTRUCTURE PLANNING SERVICES
IPS

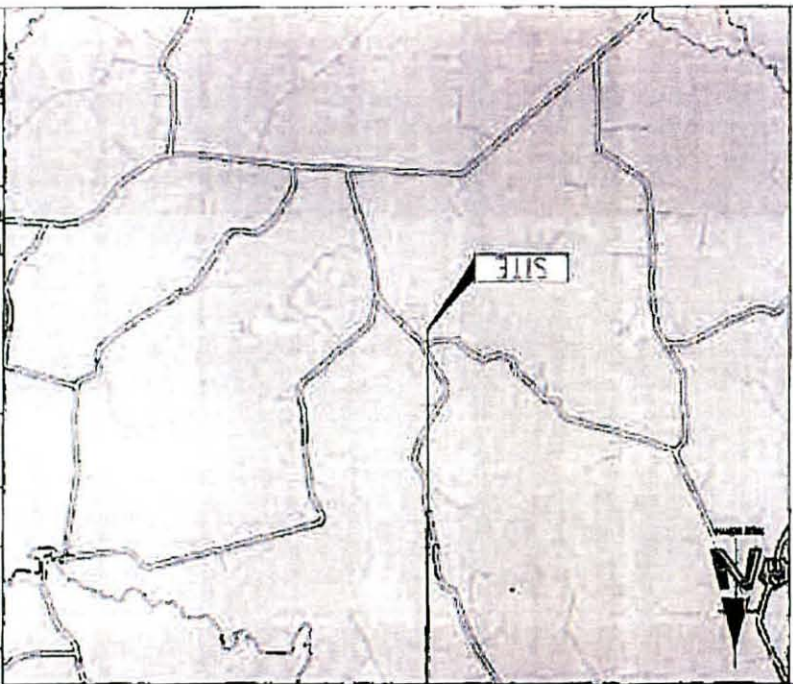
11800
 PROJECT NUMBER

DRAWINGS MUST NOT BE COPIED, ONLY REQUESTED QUANTITIES TO BE
 ORDERED. DRAWINGS TO BE VIEWED ON SITE WITH ONE COMMENCEMENT
 OF WORK.
 ALL WORK TO BE PERFORMED ACCORDING TO THE SITE
 INFRASTRUCTURE SPECIFICATION M01102
 ISSUE 1 REVISED ON 6 NOVEMBER 2007

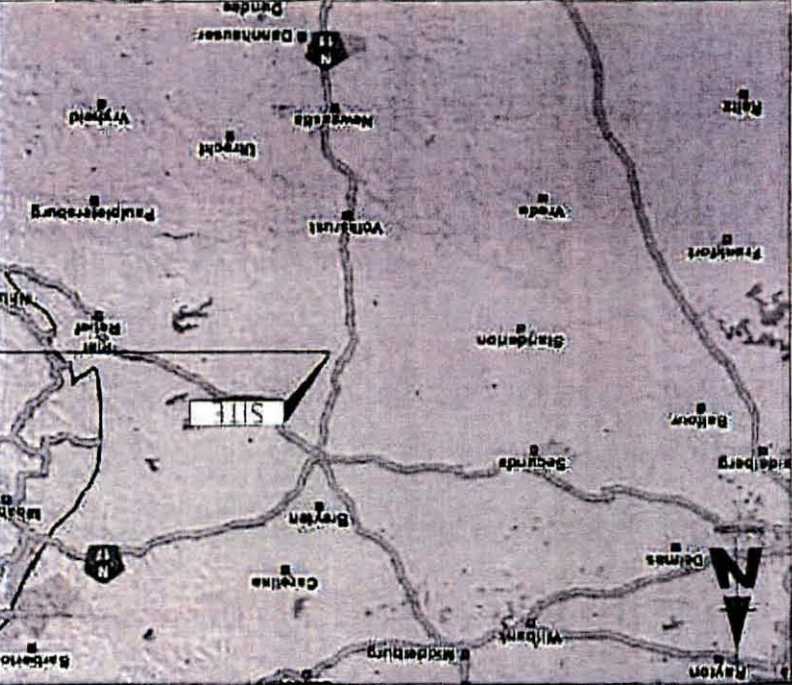
DRAWN: MELISSA YOUNG
 DATE: 22/1/2011
 REF. NO: S1279246

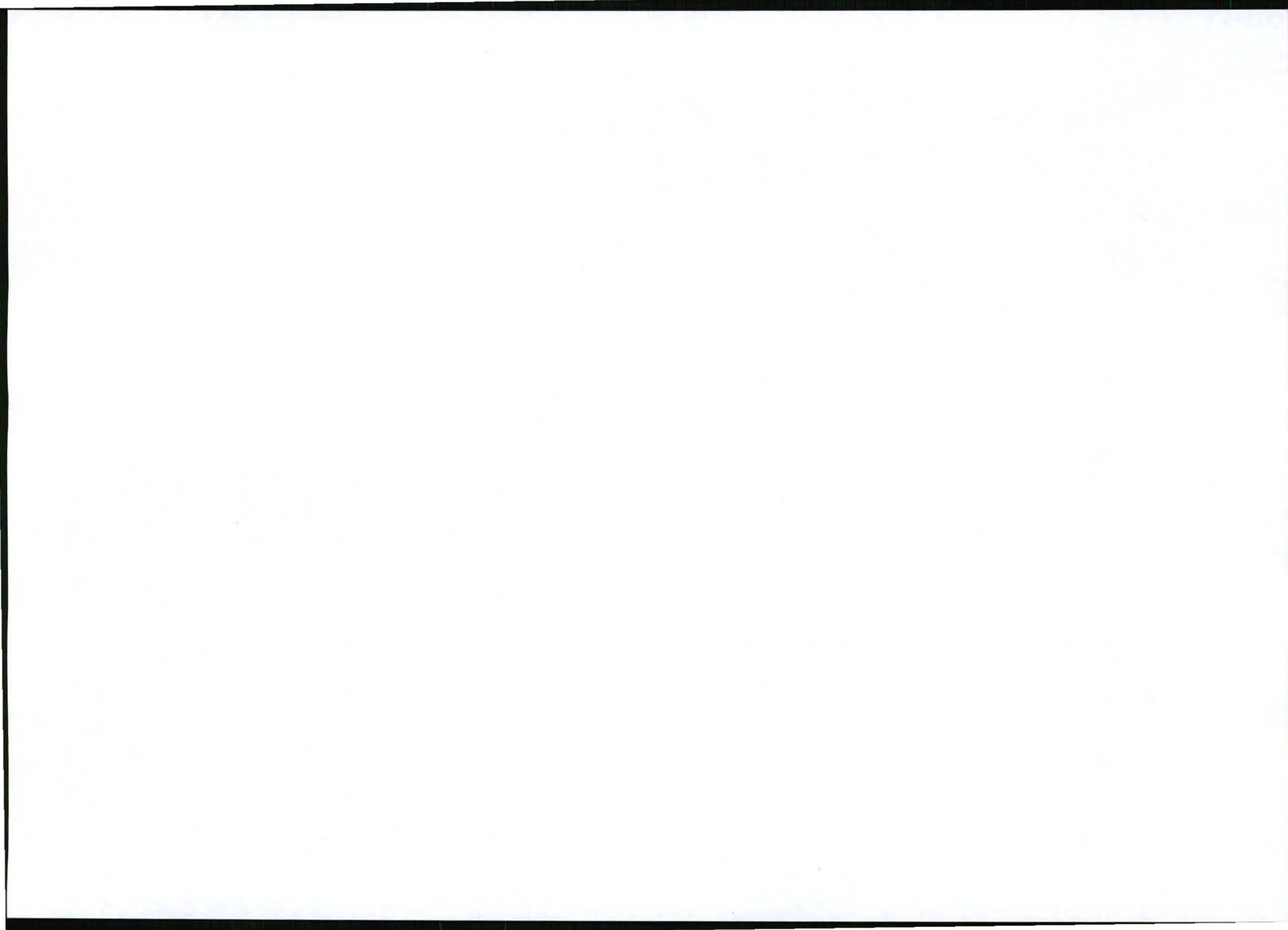
SCALE: MTS

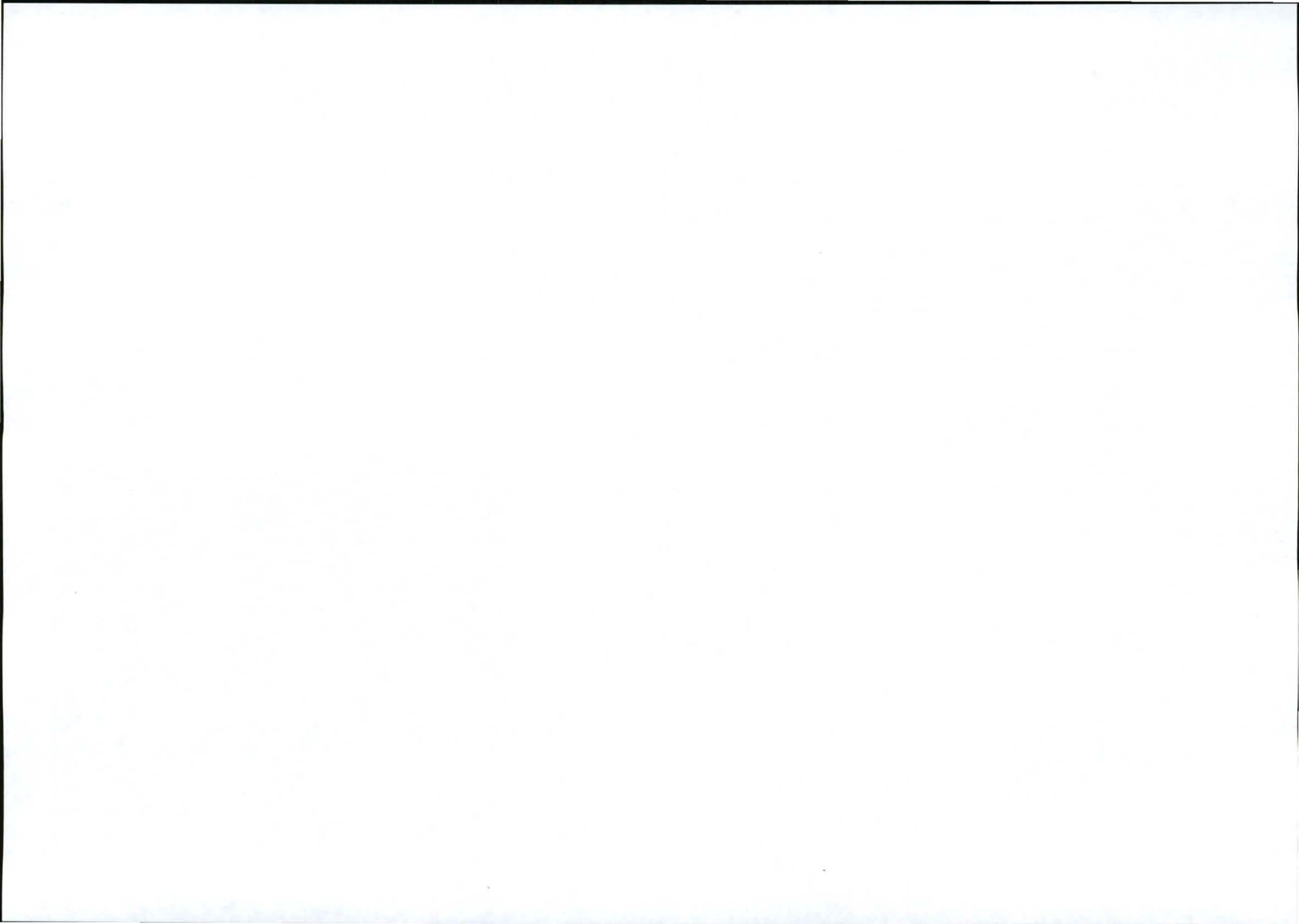
LOCALITY MAP
 SHEET 1 OF 9

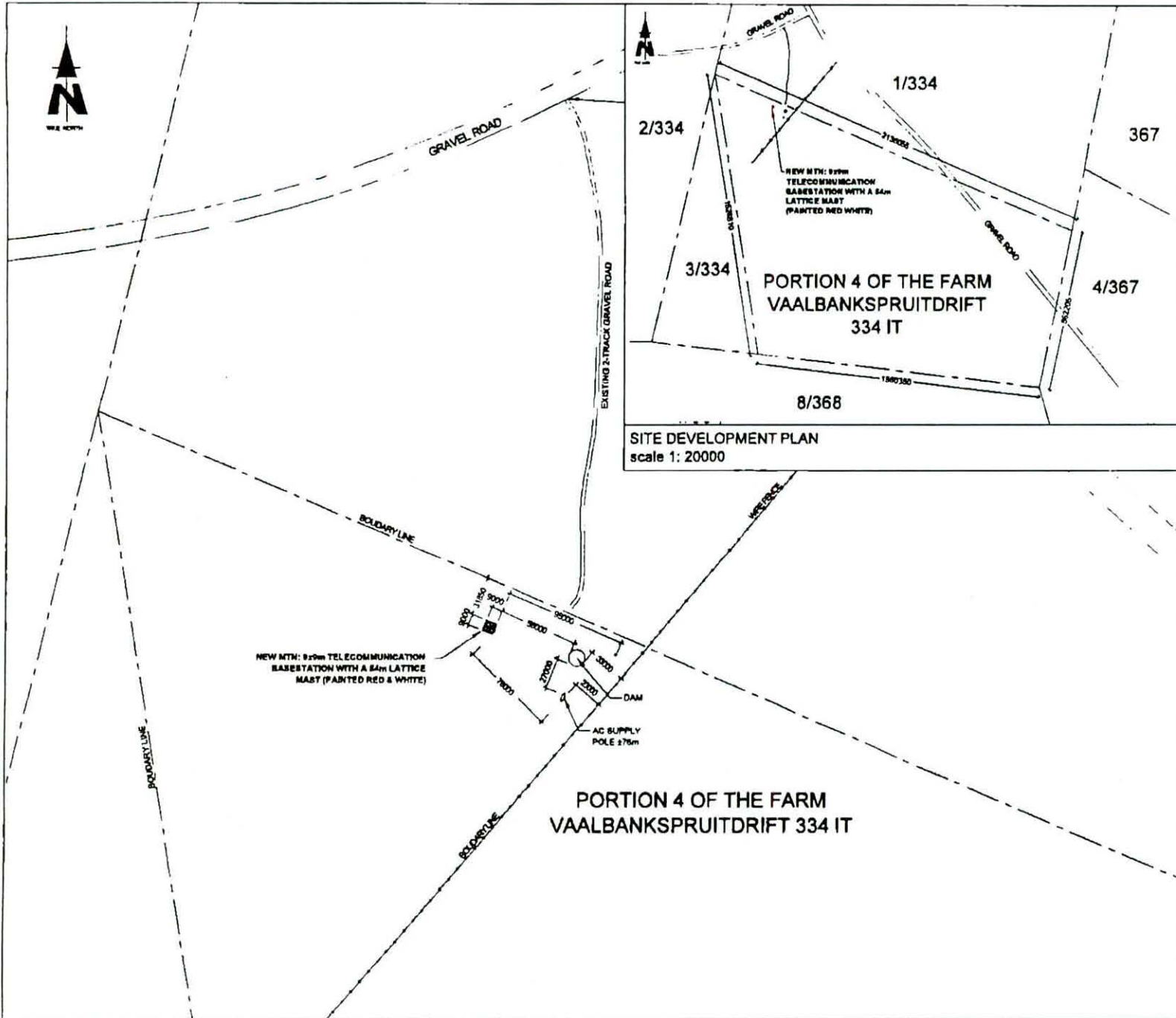


T9246
 VAALBANKSPRUITDRIF









SITE DEVELOPMENT PLAN
scale 1: 20000

PORTION 4 OF THE FARM
VAALBANKSPRUITDRIF 334 IT



1287 Pretorius Street
Block B, Sandhurst Complex
Johannesburg, 2003
Tel: +27 (12) 542 2880
Fax: +27 (12) 543 9308
Private Bag 119
Maboneng

SITE NAME
VAALBANKSPRUITDRIF

BASE STATION NUMBER
T9246

REV	DATE	BY	DESCRIPTION
A	22/1/2011	MY	FIRST ISSUE

NOTES
OWNER: AMHOLDERS BERHARD

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION
PORTION 4 OF THE FARM VAALBANKSPRUITDRIF 334 IT

COORDINATES
LAT: 26° 53' 06.20" S
LONG: 30° 01' 40.50" E

PROJECT
NEW 9.99m TELECOMMUNICATION BASESTATION
WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESSES
VAALBANKSPRUITDRIF,
FAMILIE HOEK ROAD,
AMERSFOORT,
MPUMALANGA

**INFRASTRUCTURE
PLANNING SERVICES**



414 Hendrik Potgieter
Sandhurst,
0184
Tel: +27 (12) 504 18048
Fax: +27 (12) 504 7072
info@infoplan.co.za

P.O. Box 33017
Tembisa
0194

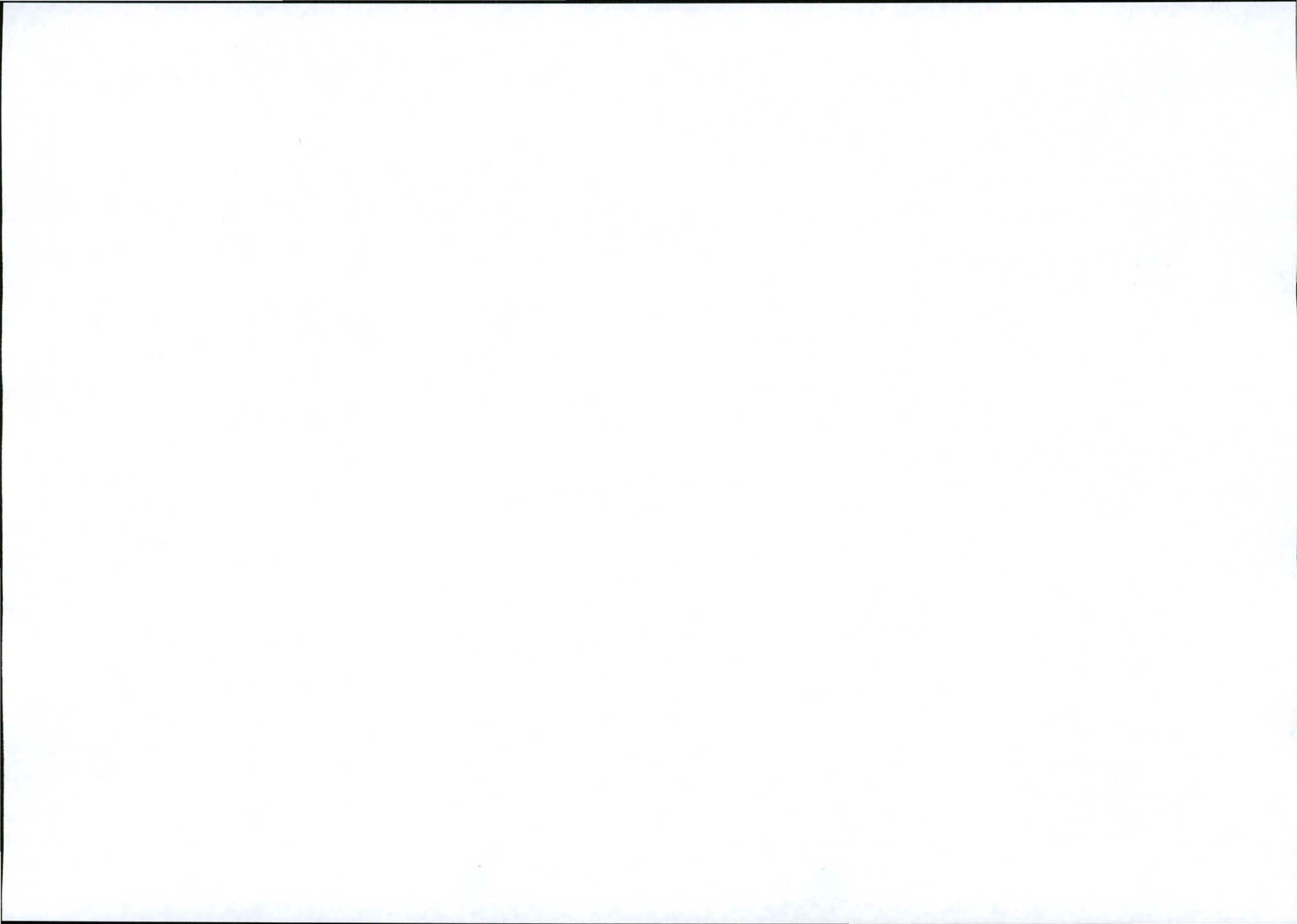
RFQ NO
148744

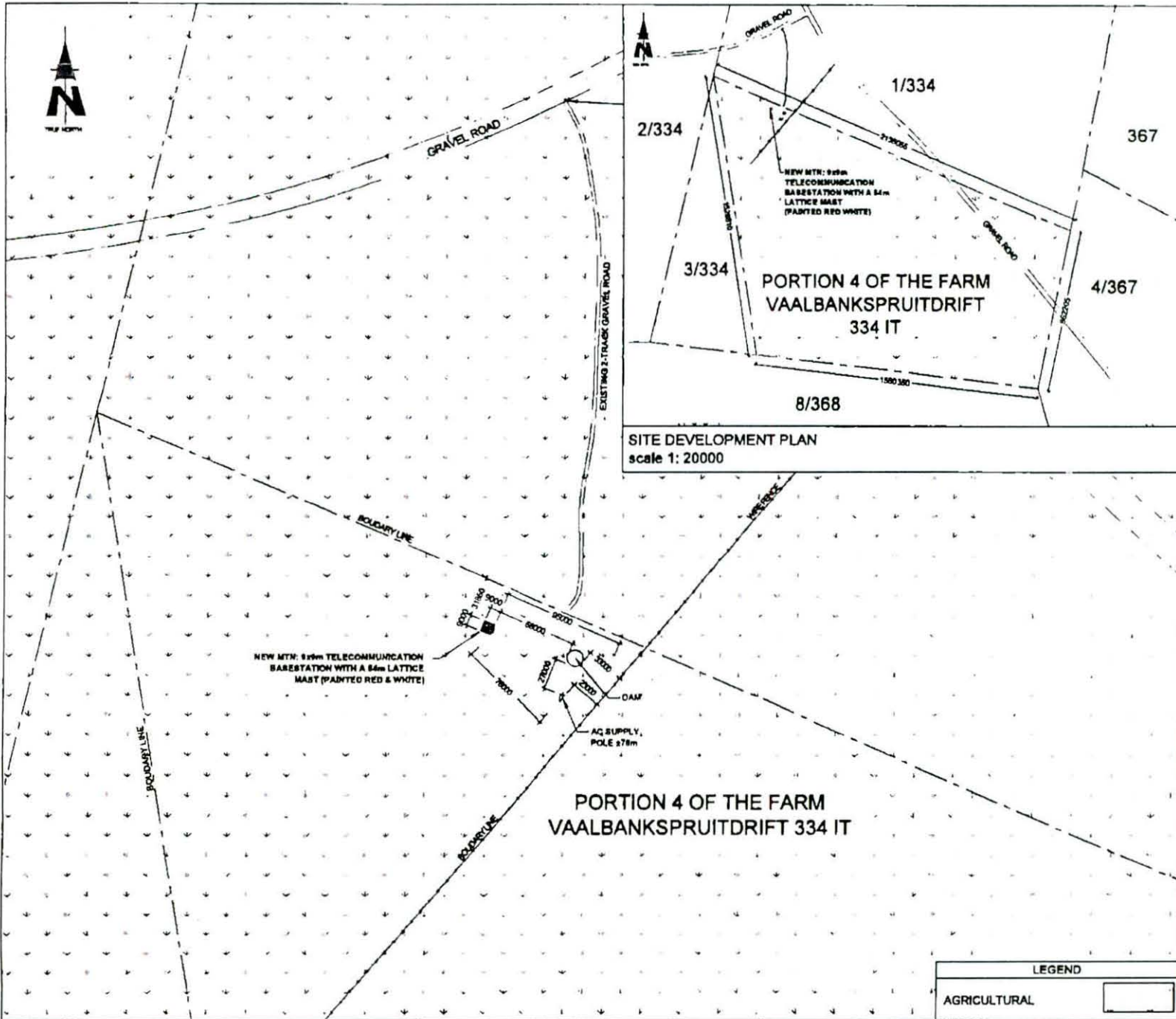
PROJECT NUMBER
115863

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 08/01/001
ISSUE 1 REVISION 0 NOVEMBER 2007

DRAWN BY MELISSA YOUNG **DATE** 22/1/2011
SCALE 1:3000 **REF. NO** 812/T9246

SITE DEVELOPMENT PLAN
SHEET 3 OF 9





SITE DEVELOPMENT PLAN
scale 1: 20000

PORTION 4 OF THE FARM
VAALBANKSPRUITDRIFT 334 IT

LEGEND	
AGRICULTURAL	



1267 Protea Street
Steen B, Johannesburg
Johannesburg 2001
Tel: +27 (12) 542 2900
Fax: +27 (12) 542 2906
Private Bag 215
Stellenbosch

SITE NAME
VAALBANKSPRUITDRIF

BASE STATION NUMBER
T9246

REV	DATE	BY	DESCRIPTION
A	22/11/2011	MY	FIRST ISSUE

NOTES
OWNER: ARHOLD BERNARD

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT

COORDINATES
LAT: 28° 53' 06" S
LONG: 30° 01' 40" E

PROJECT
NEW 9.25m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS
VAALBANK SPRUIT DRIFT
FAMILIE HOEK ROAD,
AMERSFOORT
MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES

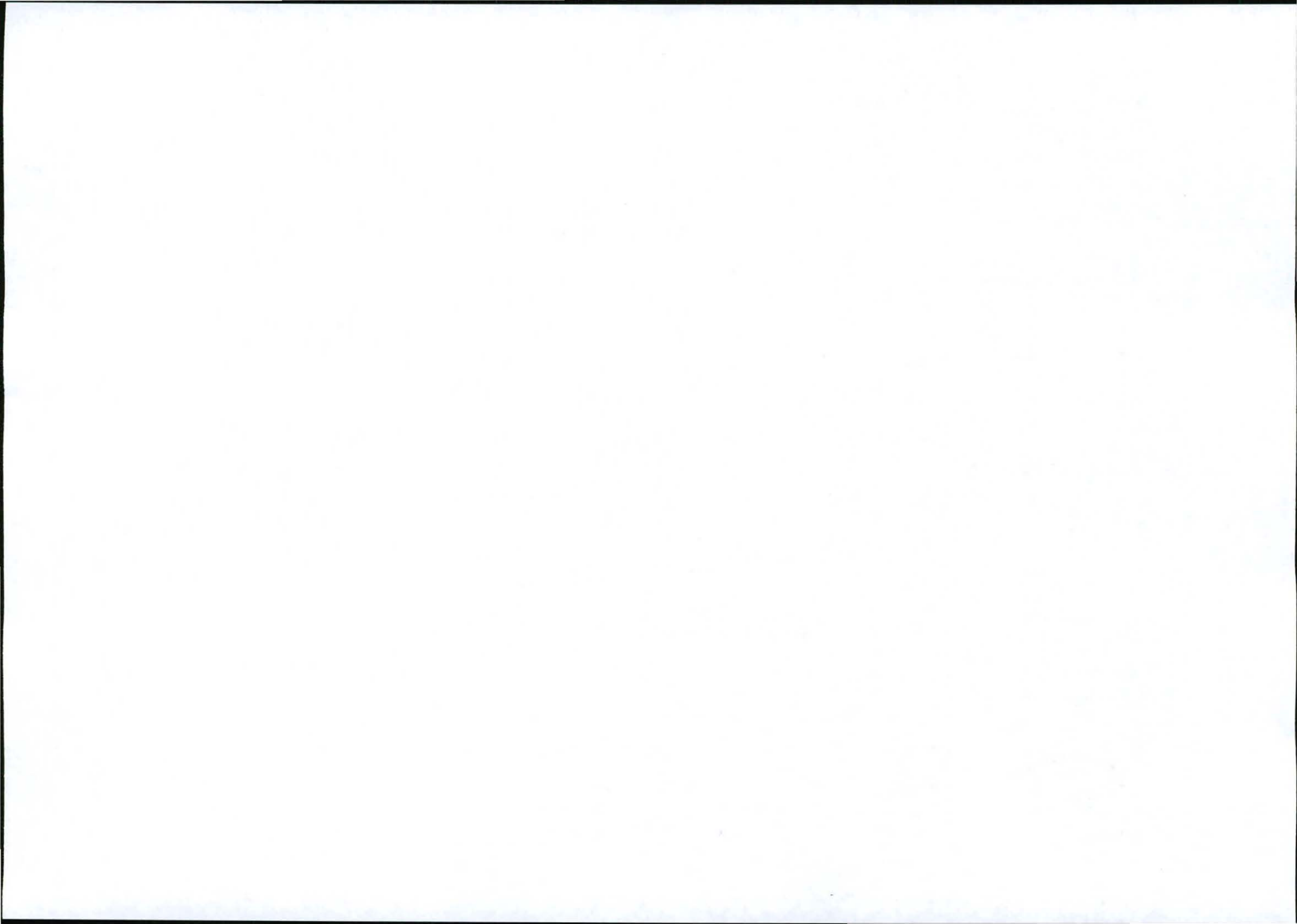
414 Randa Road
Stellenbosch
7164
Tel: +27 (12) 804 18049
Fax: +27 (12) 804 7072
info@infrastructure.co.za
P.O. Box 33017
Tolworth
7154

RFS NO
148744
PROJECT NUMBER
115883

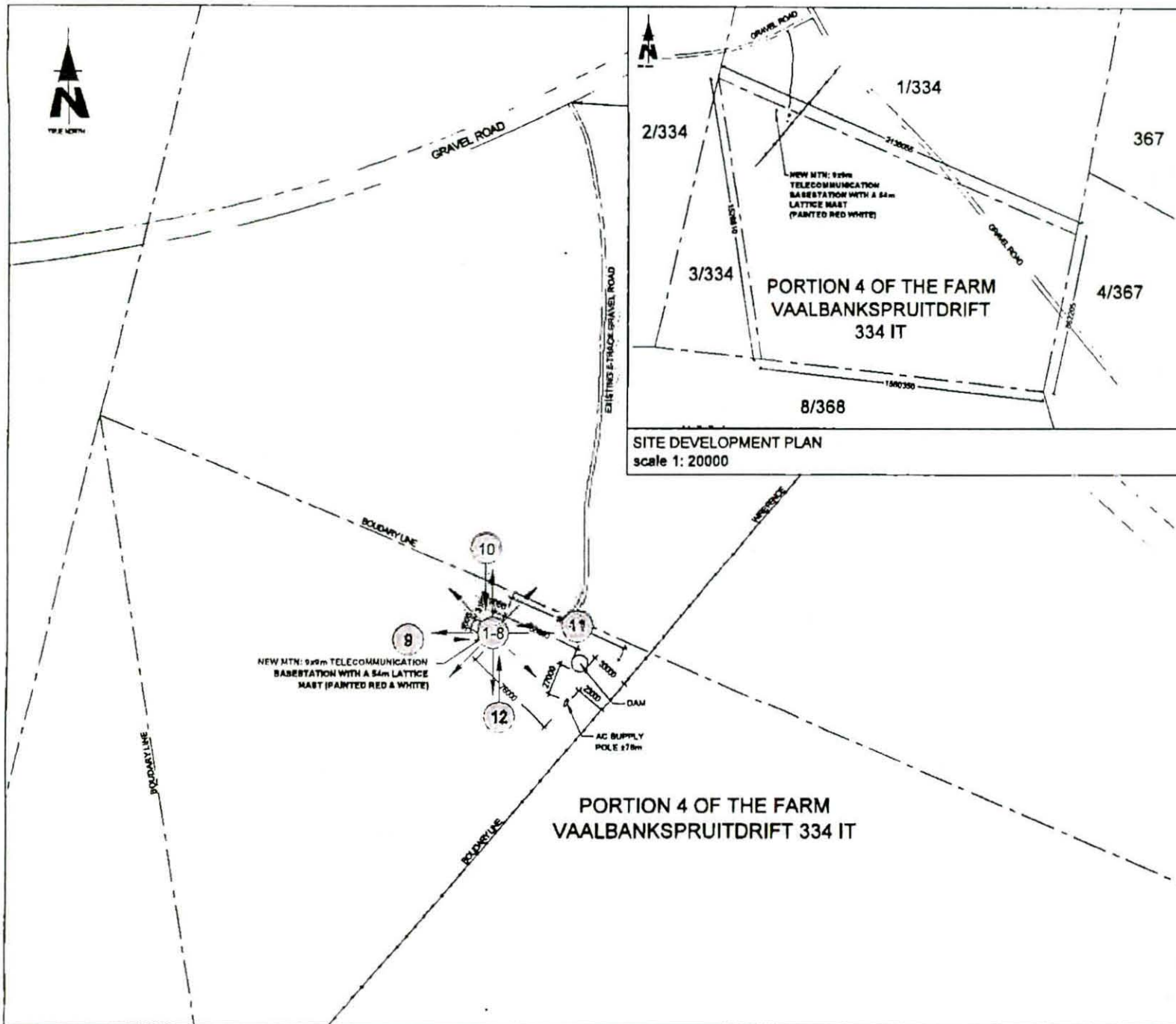
DRAWINGS MUST NOT BE SCALED. ONLY FIGURED DIMENSIONS TO BE USED. DIMENSIONS TO BE CHECKED ON SITE BEFORE COMMENCEMENT OF WORK.
ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION 1601/1001
ISSUE 1: REVISION 8 NOVEMBER 2011

DRAWN: MELISSA YOUNG DATE: 22/11/2011
SCALE: 1:3000 REF. NO: 8127/248

CURRENT LAND USE
SHEET 4 OF 9







1987 Protekile Blvd
 Bloem 2, Victoria Park
 Halfway, 0081
 Tel: +27 (12) 342 2800
 Fax: +27 (12) 343 8208
 Postal Code: 146
 Private Bag 218
 Muckleneuk

SITE NAME
 VAALBANKSPRUITDRIF

BASE STATION NUMBER
 T9246

REV	DATE	BY	DESCRIPTION
A	22/11/2011	M.Y.	FIRST ISSUE

NOTES
 OWNER: APPOLEI BERNARD

STRICTLY COMPANY CONFIDENTIAL
PROPERTY DESCRIPTION
 PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT

COORDINATES
 LAT: 28° 53' 08" S
 LONG: 30° 01' 40" E

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

ADDRESS
 VAALBANK SPRUIT DRIFT,
 FAMILIE HOEK ROAD,
 AMERSFOORT,
 MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES

414 Riebeeck Road
 Sandtonville, 2154
 Tel: +27 (11) 804 18048
 Fax: +27 (11) 804 7072
 info@ipsafrica.com
 P.O. Box 32017
 Johannesburg
 20134

RFO NO.
 148744

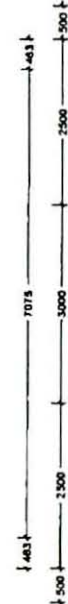
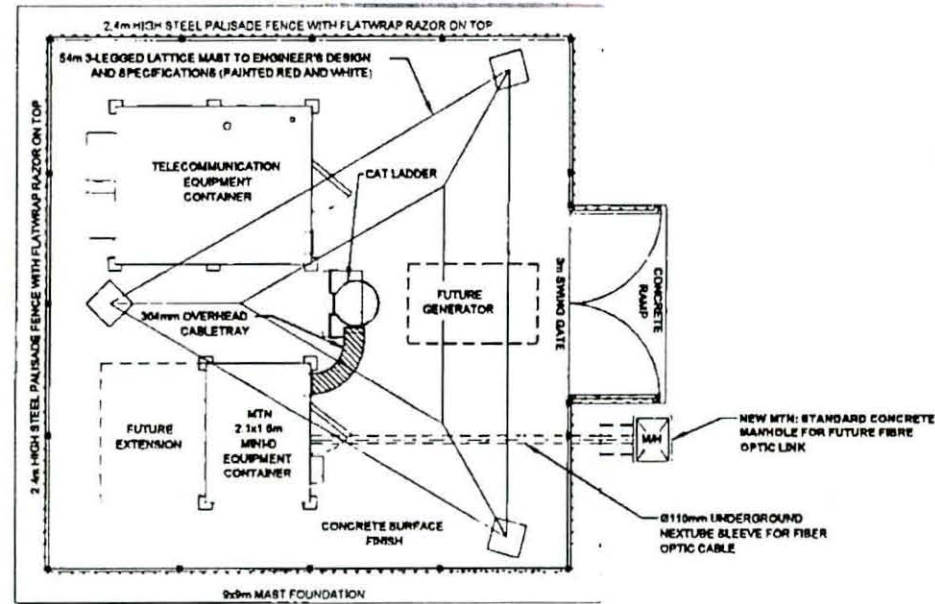
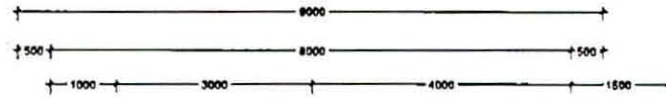
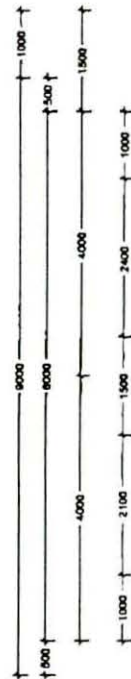
PROJECT NUMBER
 116893

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 R4011/001
 SCALE 1: REVISION 9 NOVEMBER 2007

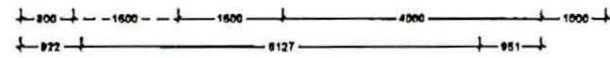
DRAWN: MELISSA YOUNG **DATE:** 22/11/2011
SCALE: 1:3000 **REF NO:** 812/T9246

SITE PHOTOGRAPHS
 SHEET 6 OF 9





PORTION 4 OF THE FARM
VAALBANKSPRUITDRIFT 334 IT



1287 Pretorius Street
Block B, Midrand Centre
Midrand 2008
Tel: +27 (11) 942 2000
Fax: +27 (11) 542 9709
Postal Code: 148
Private Bag 2713
Midrand Park

SITE NAME
VAALBANKSPRUITDRIF

BASE STATION NUMBER
T9246

REV	DATE	BY	DESCRIPTION
A	22/11/2011	MY	FIRST ISSUE

NOTES
OWNER: ARNOLD BERHARD

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT

COORDINATES
LAT: 29° 53' 08.20" S
LONG: 30° 01' 48.50" E

PROJECT
NEW 8x6m TELECOMMUNICATION BASESTATION WITH A 54m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS
VAALBANKSPRUITDRIFT
FAMILIE HOEK ROAD
AMERSFOORT
MURIELANGA

INFRASTRUCTURE PLANNING SERVICES



414 Riebeeck Road
Shannonville
9154
Tel: +27 (12) 854 1504/8
Fax: +27 (12) 854 7073
www.infraplan.co.za
P.O. Box 32017
Tollfree
9154

REF NO
148744

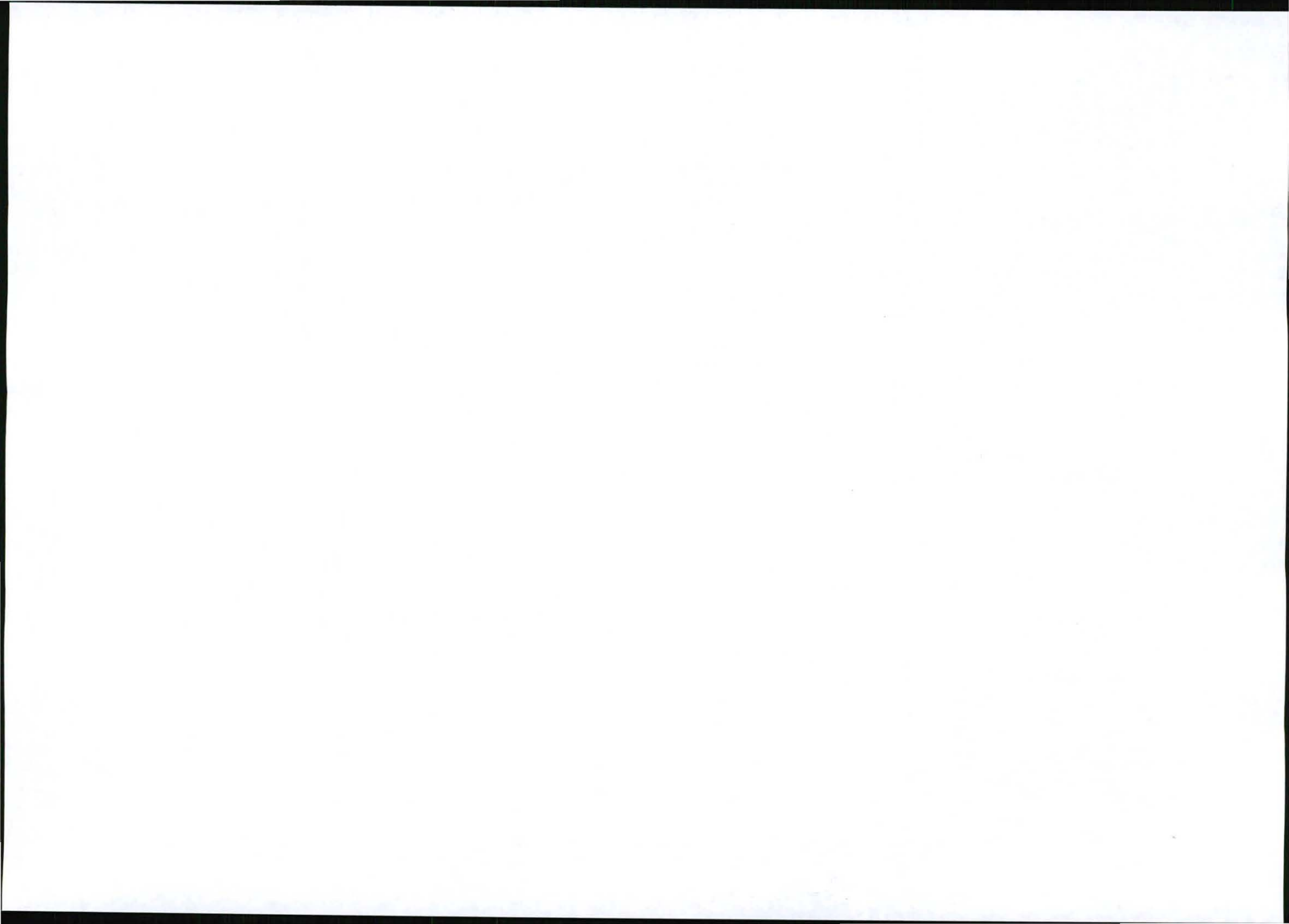
PROJECT NUMBER
116803

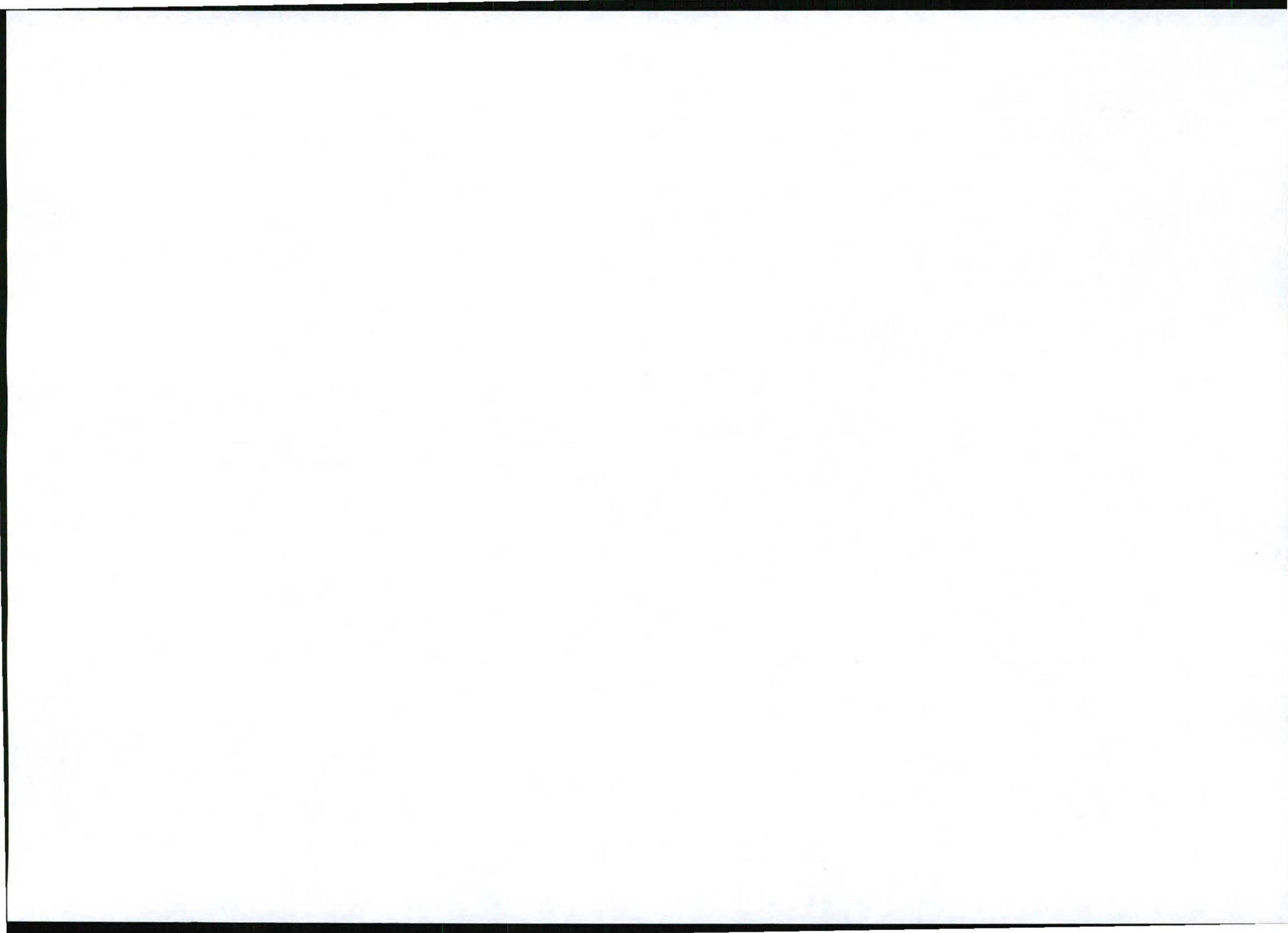
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORKS.
ALL WORKS TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION 8041/1001
SCALE 1: REVISION 0 NOVEMBER 2007

DRAWN MELISSA YOUNG **DATE** 22/11/2011

SCALE 1:75 **REF NO** 812/T9246

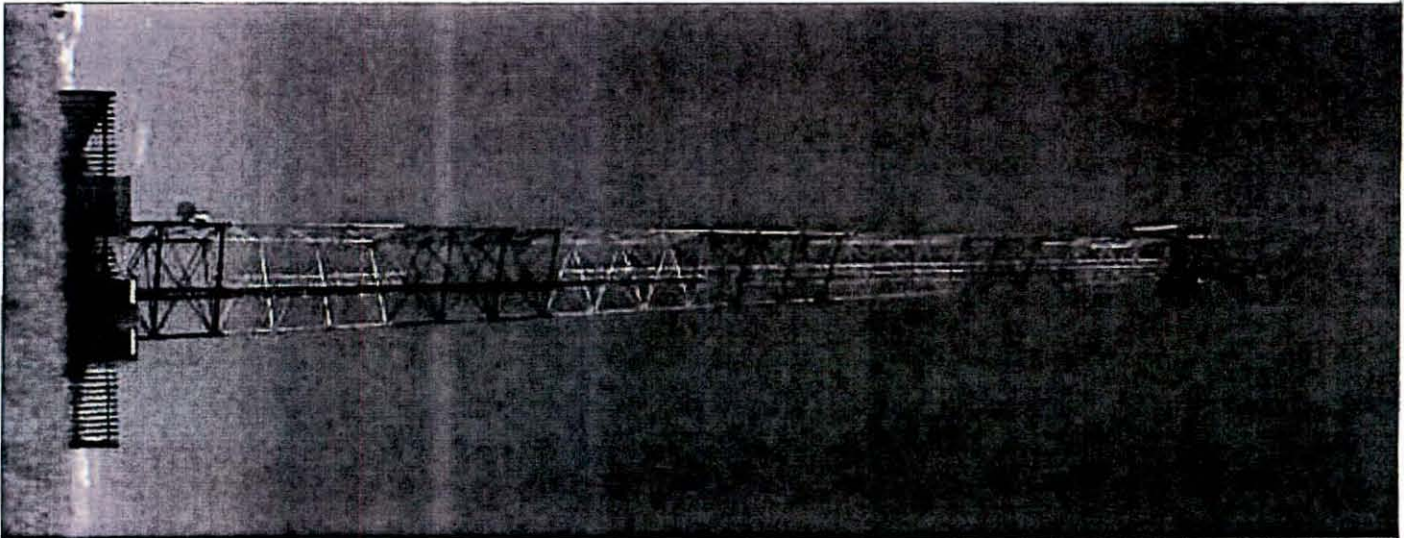
SITE DETAIL
SHEET 7 OF 9

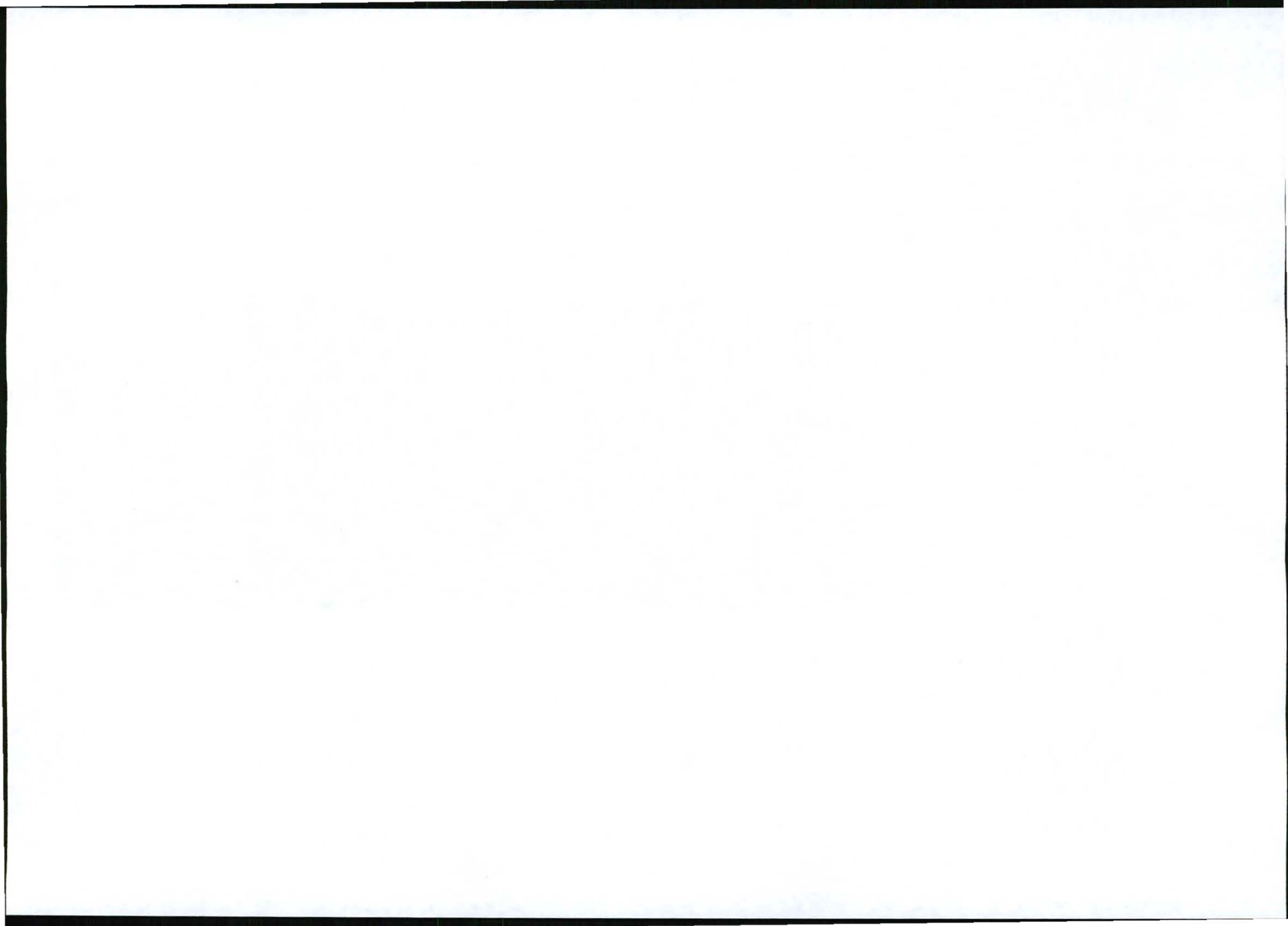




	
1387 Phosphate Strand Suite 8, Scarborough Campus Scarborough, ON M1V 4T5 Phone: 416-291-2423 Fax: 416-291-2423 Email: info@mtncanada.com	
SITE NAME VAALBANKSPRUITDRIF	
BASE STATION NUMBER T9246	
REV A	DATE 22/1/2011
RY MVA	DESCRIPTION FIRST ISSUE
NOTES OWNER APPROVED DRAWING	
PROPERTY DESCRIPTION PORTION 4 OF THE FARM VAALBANKSPRUITDRIF 324 FT	
COORDINATES LAT 28° 53' 08" 20" N LONG 30° 01' 40" 50" E	
PROJECT NEW 800M TELECOMMUNICATION BASE STATION WITH A 54M LATTICE MAST FOR MTH (PTY) LTD	
ADDRESS VAALBANK SPRUIT DRIF, FAARLE HOEK ROAD, AMERSFOORT, NORTHERN CAPE	
RFP NO 148744	
PROJECT NUMBER 115963	
DRAWING MUST NOT BE SCALED. ONLY PRINTED DIMENSIONS TO BE USED. DIMENSIONS TO BE VIEWED ON SITE BEFORE COMMENCEMENT OF WORK. ALL WORK TO BE IN ACCORDANCE TO SANS 1018:2007. THIS DRAWING IS THE PROPERTY OF MTH (PTY) LTD. TABLE 1: REVISIONS & APPROVALS 2007	
DRAWN MELISSA VOONH	DATE 27/11/2011
SCALE NTS	REF NO 8127246
FACILITY ILLUSTRATION SHEET 9 OF 9	

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





Our Reference:
T9246/17/2/3/GS-70

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@torblousesolutions.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 (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 4 of the Farm Vaalbankspruitdrift 334 IT**

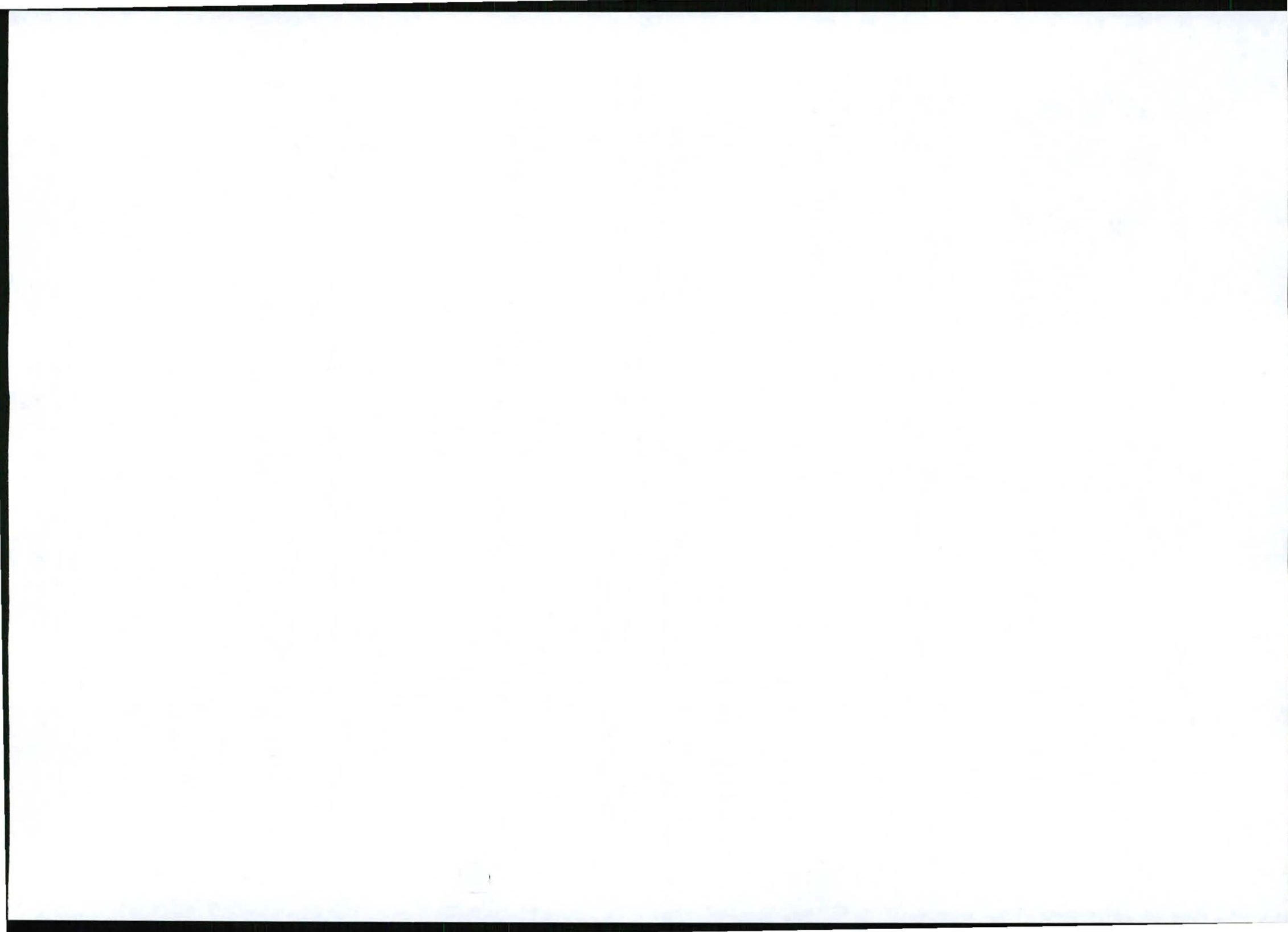
Attached hereto find:

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

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

Yours faithfully

WA VAN'T FOORT
For: Torblouse Solutions CC



PUBLIC PARTICIPATION PROCE

REFERENCE NUMBER: 17/2/3/GS-70

Regulation 546 activity 3 (a) & (b) : (a) ii (ee) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9246 Vaalbankspruitdrif

Location: Portion 4 of the farm Vaalbankspruitdrift 334 IT

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

Alternative 1: Latitude: 26° 53' 06.20"S Longitude: 30° 01' 40.50" E
Lattice type mast painted red and white

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

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

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

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

Environmental Assessment Practitioner (EAP):
Torbiose Solutions CC.
P.O. Box 32017, Totiusdal, 0134
Attention: : W Van't Foort
Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072
E-mail: admin@torbiouseolutions.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 LC JHLANGANYELA KOMPHAKATHI

INOMBOLO YEREFERENSI: 17/2/3/GS-70

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) ii (ee) : Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: T9246 Vaalbankspruitdrif

Indawo: Portion 4 of the farm Vaalbankspruitdrift 334 IT

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

Esihlukile 1: Ububanzi: 26° 53' 06.20"S Ubude: 30° 01' 40.50" E
Induku ye -lattice ependwe ngokubomvu nokumhlophe

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

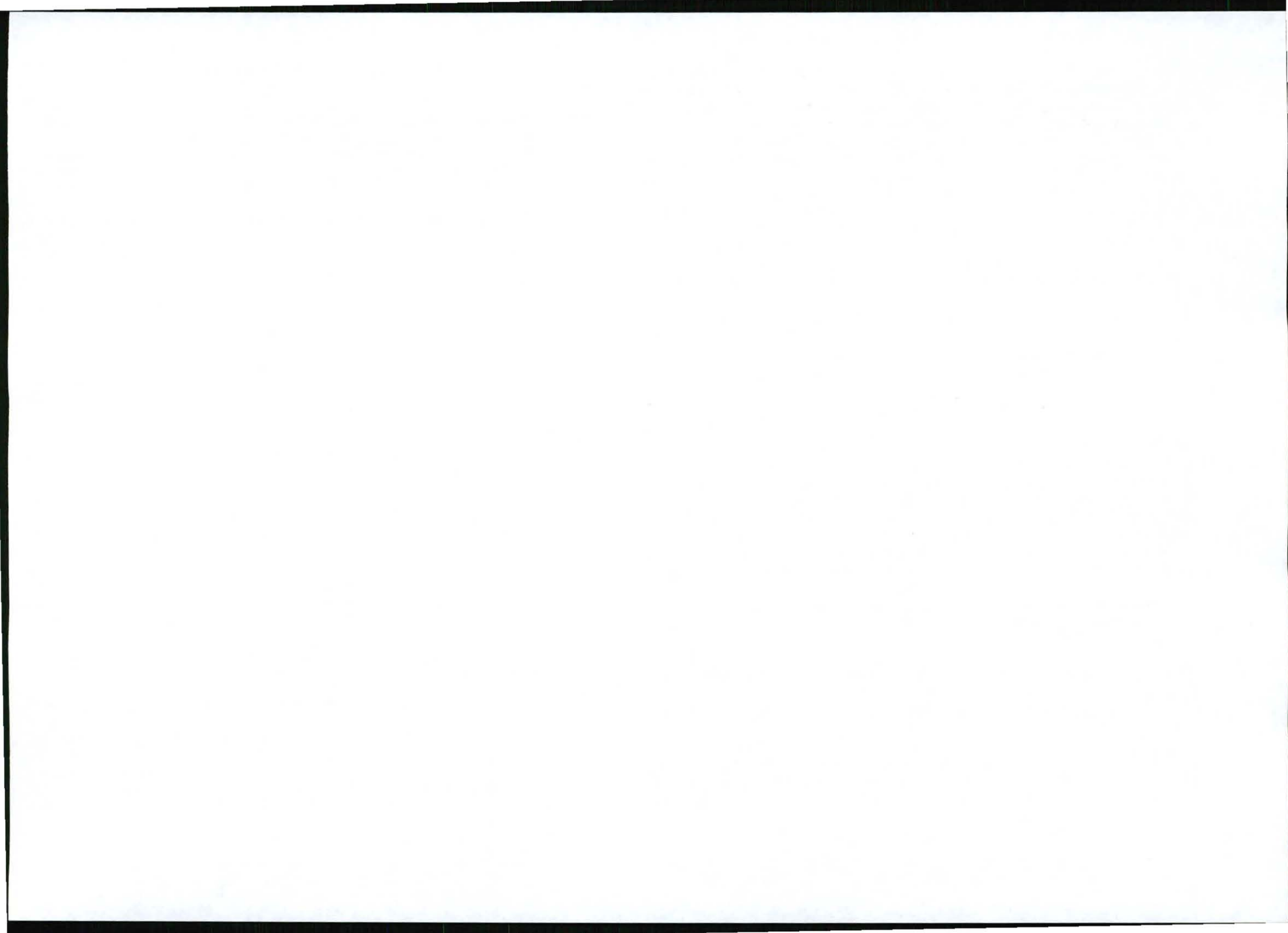
Isisebenzi Esihlola Ezemvelo (Environmental Assessment Practitioner (EAP)):

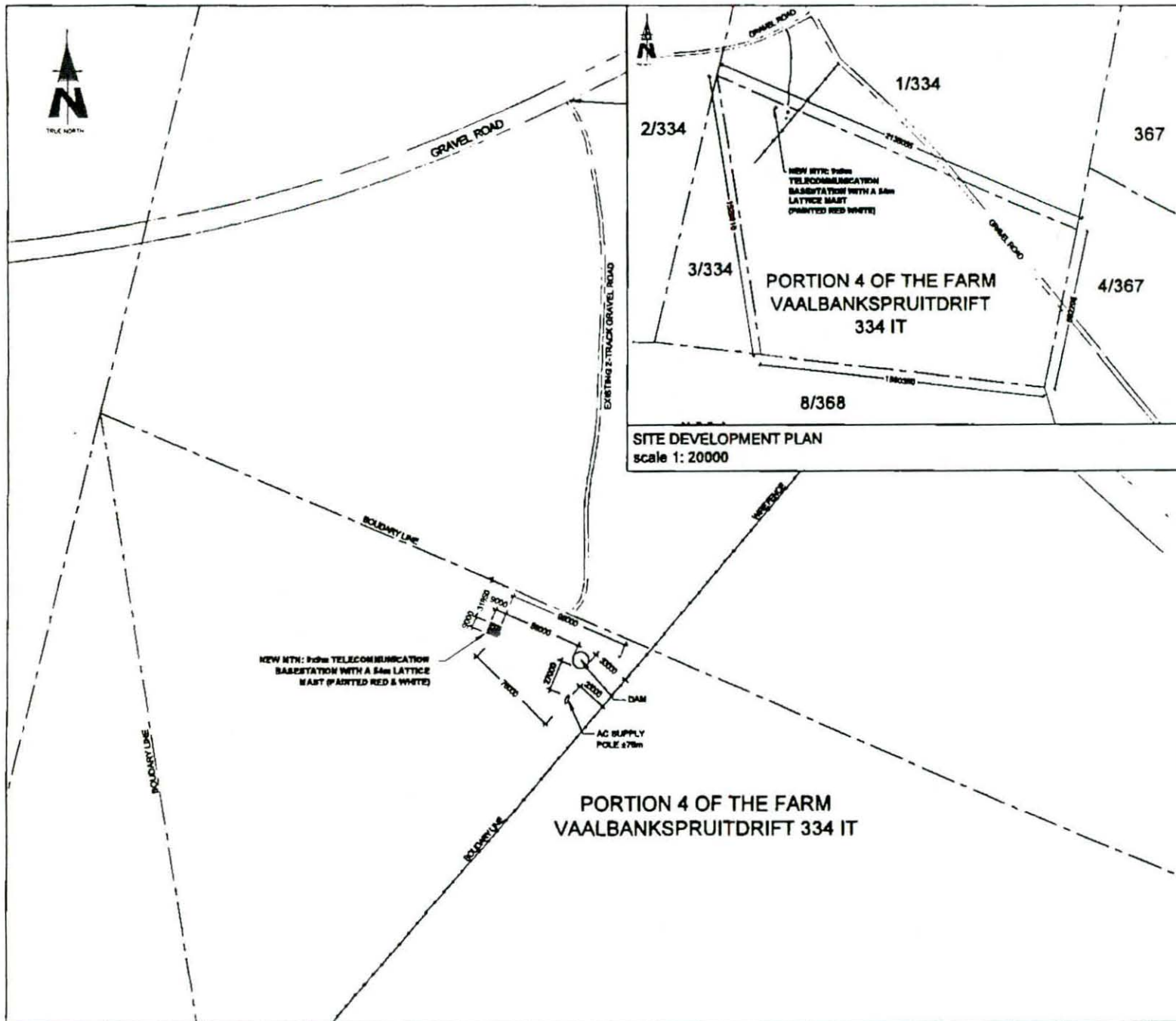
Torbiose Solutions CC., P.O. Box 32017, Totiusdal, 0134
kuqondiswe ku- W Van't Foort
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072,
i-e-meyili: admin@torbiouseolutions.co.za

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





SITE DEVELOPMENT PLAN
scale 1: 20000

PORTION 4 OF THE FARM
VAALBANKSPRUITDRIF 334 IT



1217 Protea Blvd
Roos & Houtekamp
Midrand 2013
Tel: 011 798 5400
Fax: 011 798 5299
Postal Suite 148
Pretoria 018
North Park

SITE NAME

VAALBANKSPRUITDRIF

BASE STATION NUMBER

T0248

REV	DATE	BY	DESCRIPTION
A	22/11/2011	MY	FIRST ISSUE

NOTES

DRAWN: ARNOLD BETHARD

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION

PORTION 4 OF THE FARM VAALBANKSPRUITDRIF 334 IT

COORDINATES

LAT 29° 53' 06.20" S

LONG 30° 01' 40.50" E

PROJECT

NEW 900m TELECOMMUNICATION BASESTATION WITH A 34m LATTICE MAST FOR MTN (PTY) LTD

ADDRESS

VAALBANKSPRUITDRIF,

FAMILIE HOEK ROAD,

AMERSFOORT,

MPUMALANGA

INFRASTRUCTURE PLANNING SERVICES



114 Hutton Road
Midrand 2013
P.O. Box 12011
Tel: +27 (11) 804 1200
Fax: +27 (11) 804 1972
www@infrastructure.co.za
Tel: +27 (11) 804 1972
Tel: +27 (11) 804 1972

RFQ NO.

148744

PROJECT NUMBER

116863

DIMENSIONS 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 900m SITE INFRASTRUCTURE SPECIFICATION 800/1001

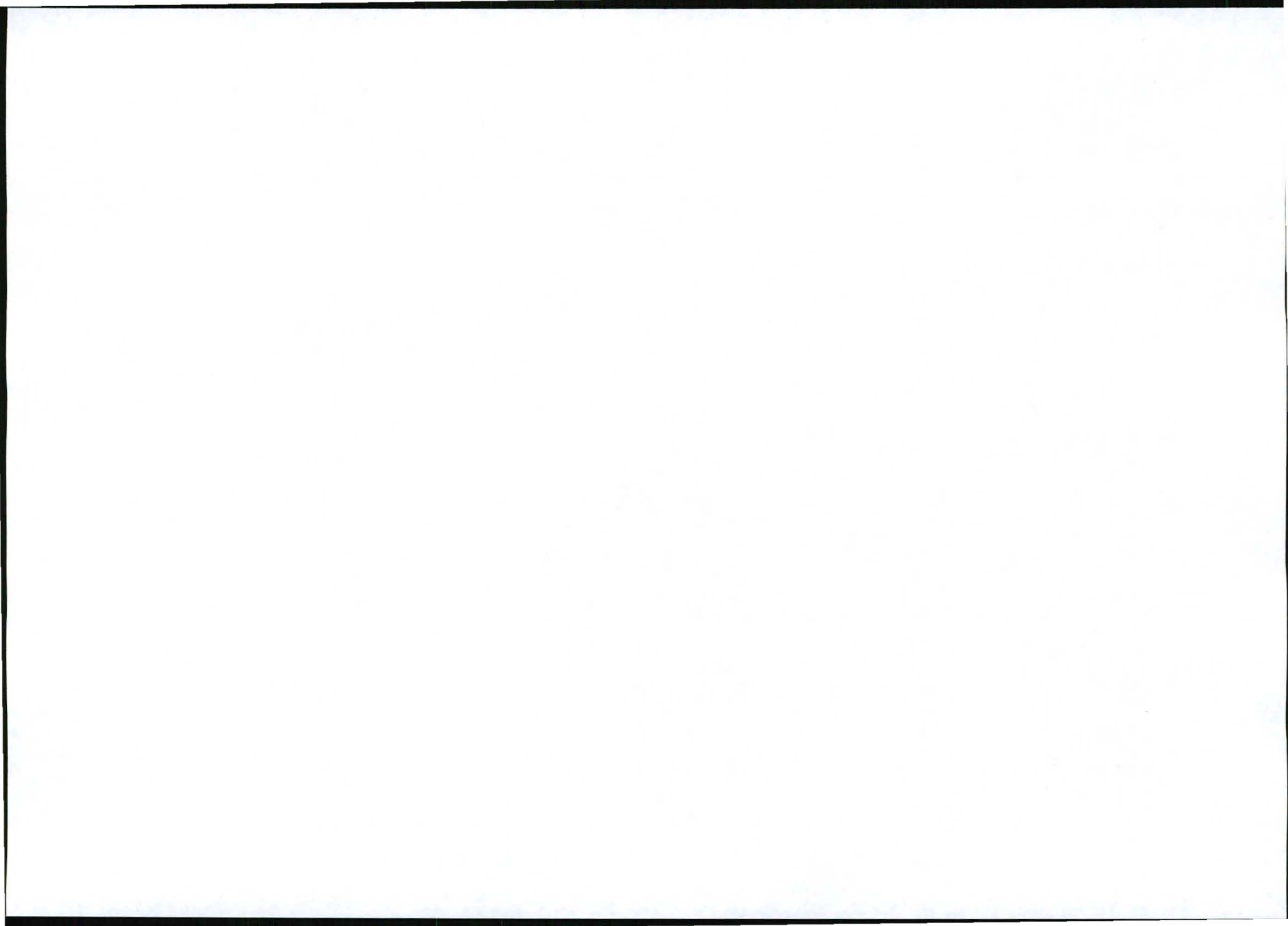
ISSUE 1 REVISION 8 NOVEMBER 2007

DRAWN: MELISSA YOUNG DATE: 22/11/2011

SCALE: 1:20000 REF. NO: 81270248

SITE DEVELOPMENT PLAN

SHEET 3 OF 8



MTN

1277 Phosphate Street
 Suite 20, Montclair, New Jersey 07042
 Phone: 973-242-7000
 Fax: 973-242-7000
 Email: info@mtncorp.com

Vaalbankkspuurdrif
 SITE NAME

T9248
 BASE STATION NUMBER

REV	DATE	BY	DESCRIPTION
A	22/11/2015	MY	PRINT ISSUE

NOTE:
 OWNER APPROVED REVISION

STRICTLY COMPANY CONFIDENTIAL

PROJECT DESCRIPTION: PORTION 4 OF THE FARM VAALBANKKSPURDRIF 334 FT

COORDINATES:
 LAT 29° 57' 00.20" S
 LONG 30° 31' 40.50" E

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

ADDRESS:
 VAALBANK LEROUX DIST.
 VANLE HOEK ROAD,
 AARSTRUIT
 NORTHERN CAPE
 REPUBLIC OF SOUTH AFRICA

INFRASTRUCTURE PLANNING SERVICES
IPS

17 O'Connell Road
 Sandton
 Johannesburg
 South Africa
 Tel: +27 (0) 11 784 1944
 Fax: +27 (0) 11 784 9973
 Email: info@ips.co.za
 Website: www.ips.co.za

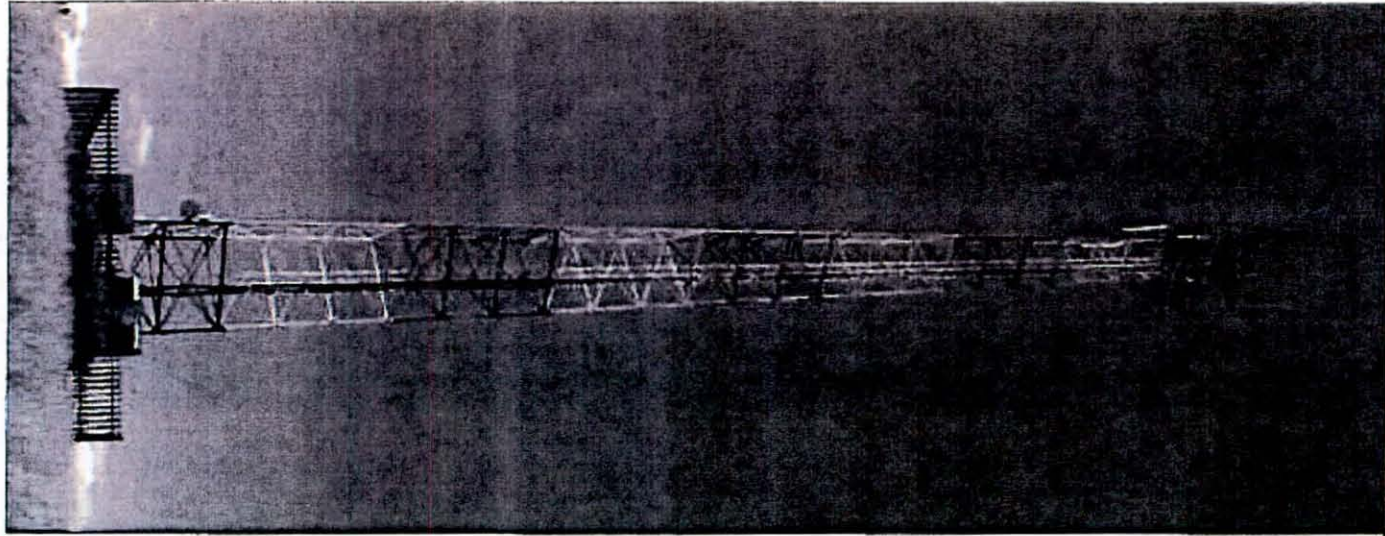
PROJECT NUMBER: 118833

DESIGNER MUST NOT BE HELD RESPONSIBLE FOR ANY CONSEQUENCES TO BE INCURRED AS A RESULT OF ANY CHANGES TO BE MADE TO THIS DRAWING OR ANY INFORMATION CONTAINED THEREIN. ALL WORK TO BE PERFORMED ACCORDING TO THE RULES AND REGULATIONS OF THE SOUTH AFRICAN SOCIETY OF ENGINEERS (S.A.S.E.)

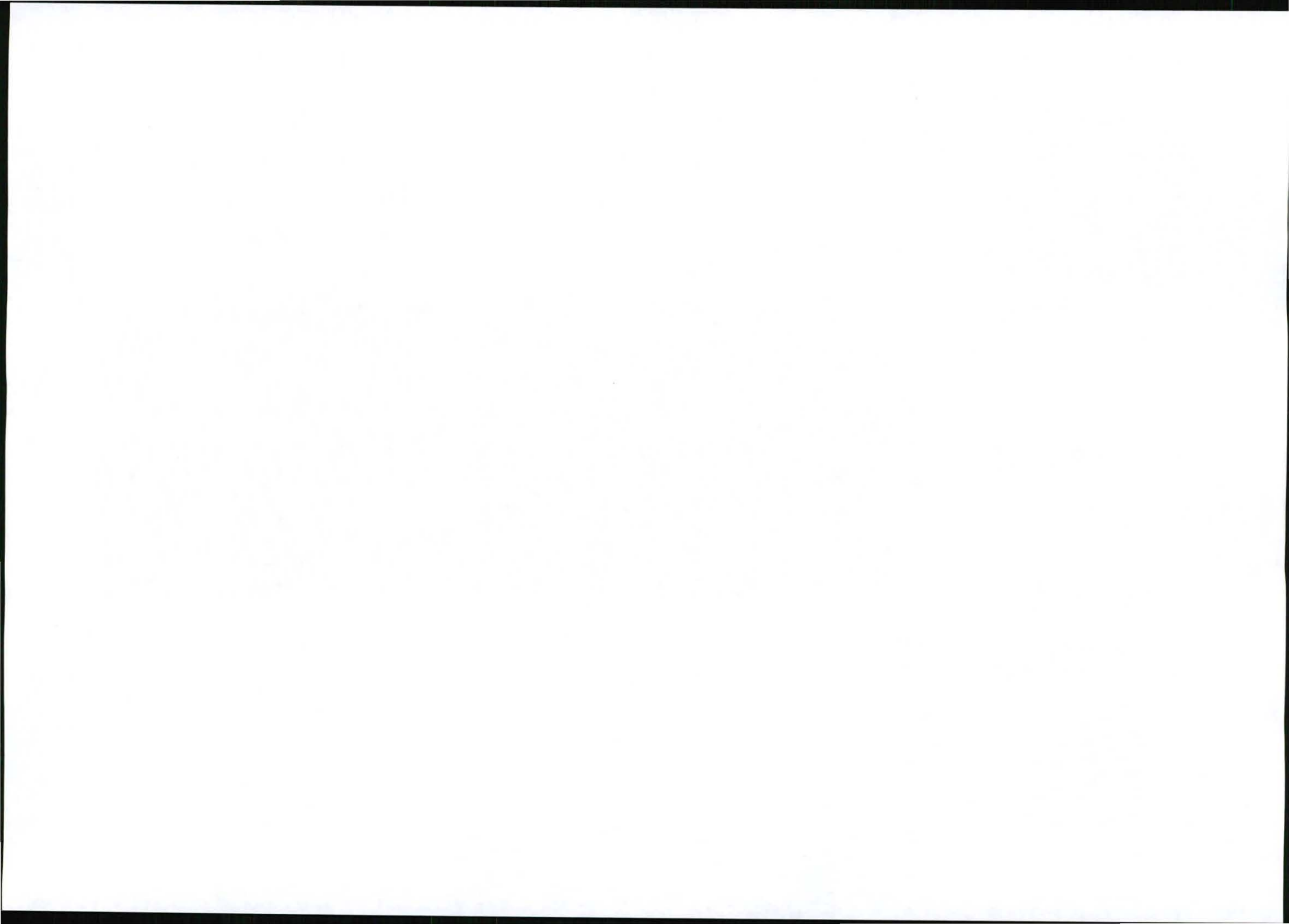
DATE: 22/11/2015
 DRAWN: MELISSA YOUNG
 REF: NO: 8378248

SCALE: NTS
 FACILITY ILLUSTRATION

SHEET 8 OF 9



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



Our Reference:
T9246 // 17/2/3/GS - 70

Your Reference:

2 February 2012

Owner Portion 4 of the Farm Vlakfontein 367 IT
Reinhardt Arnoldi Familietrust
P O Box 61
Woodlands
0072



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@torbiousesolutions.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 (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 4 of the Farm Vaalbankspruitdrift 344 IT**

Attached hereto find:

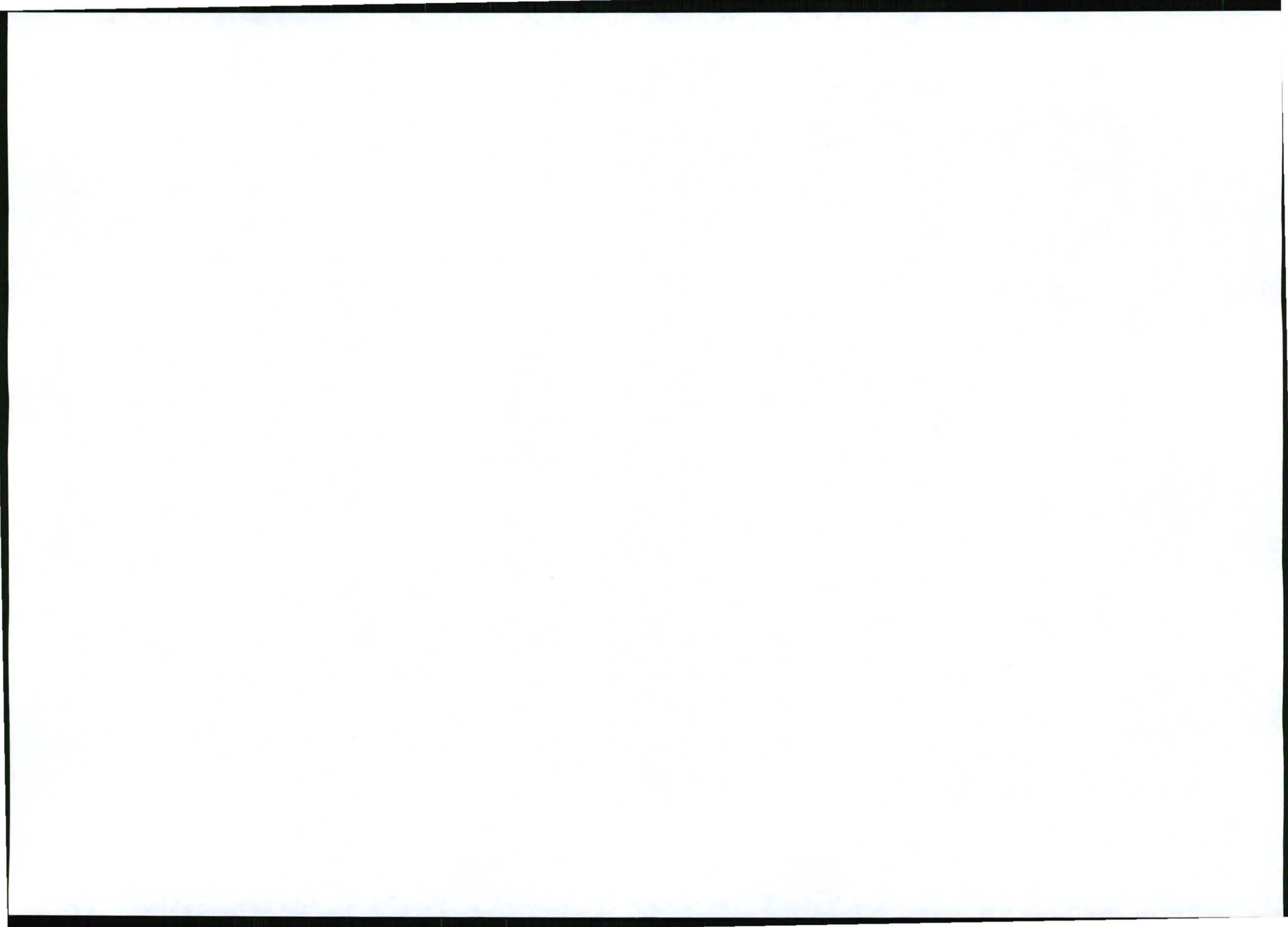
1. Public Participation notice
2. Site Development plan
3. Facility Illustration

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

Yours faithfully

A handwritten signature in black ink, appearing to read 'WA Van't Foort', is written over a horizontal line.

WA VAN'T FOORT
For: Torbiouse Solutions CC



Our Reference:
T9246 // 17/2/3/GS - 70

Your Reference:

2 February 2012

Owner Portion 6 of the Farm Knelpoort 368 IT
Jan Van Niekerk Trust



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@torbiousesolutions.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 (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 4 of the Farm Vaalbankspruitdrift 344 IT**

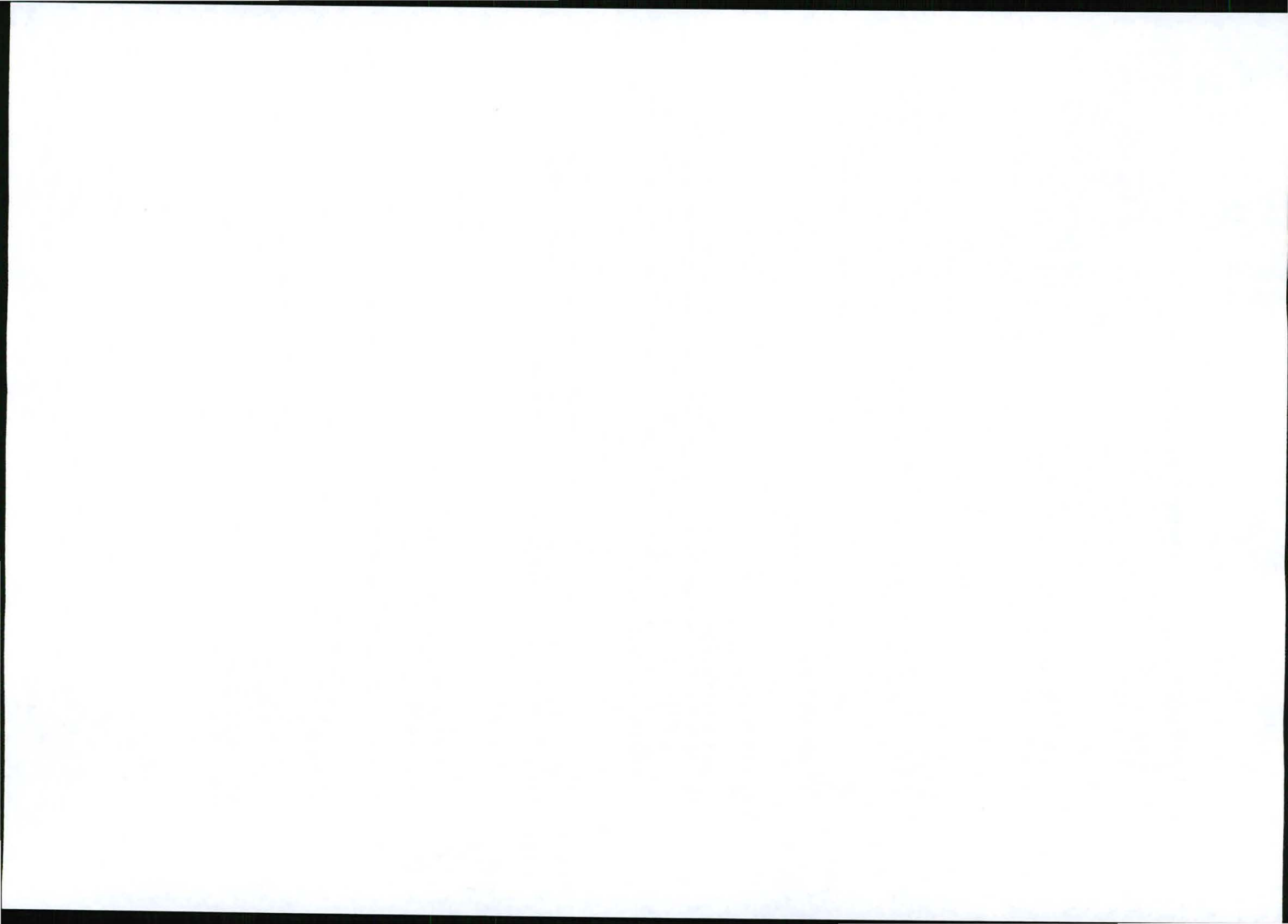
Attached hereto find:

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

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

Yours faithfully


WA VAN'T FOORT
For: Torbiouse Solutions CC



Our Reference:
T9246 / / 17/2/3/GS - 70

Your Reference:

2 February 2012

Owner Remaining Extent of the Farm Vlakfontein 367 IT
Deone Familie Trust



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 (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 4 of the Farm Vaalbankspruitdrift 344 IT**

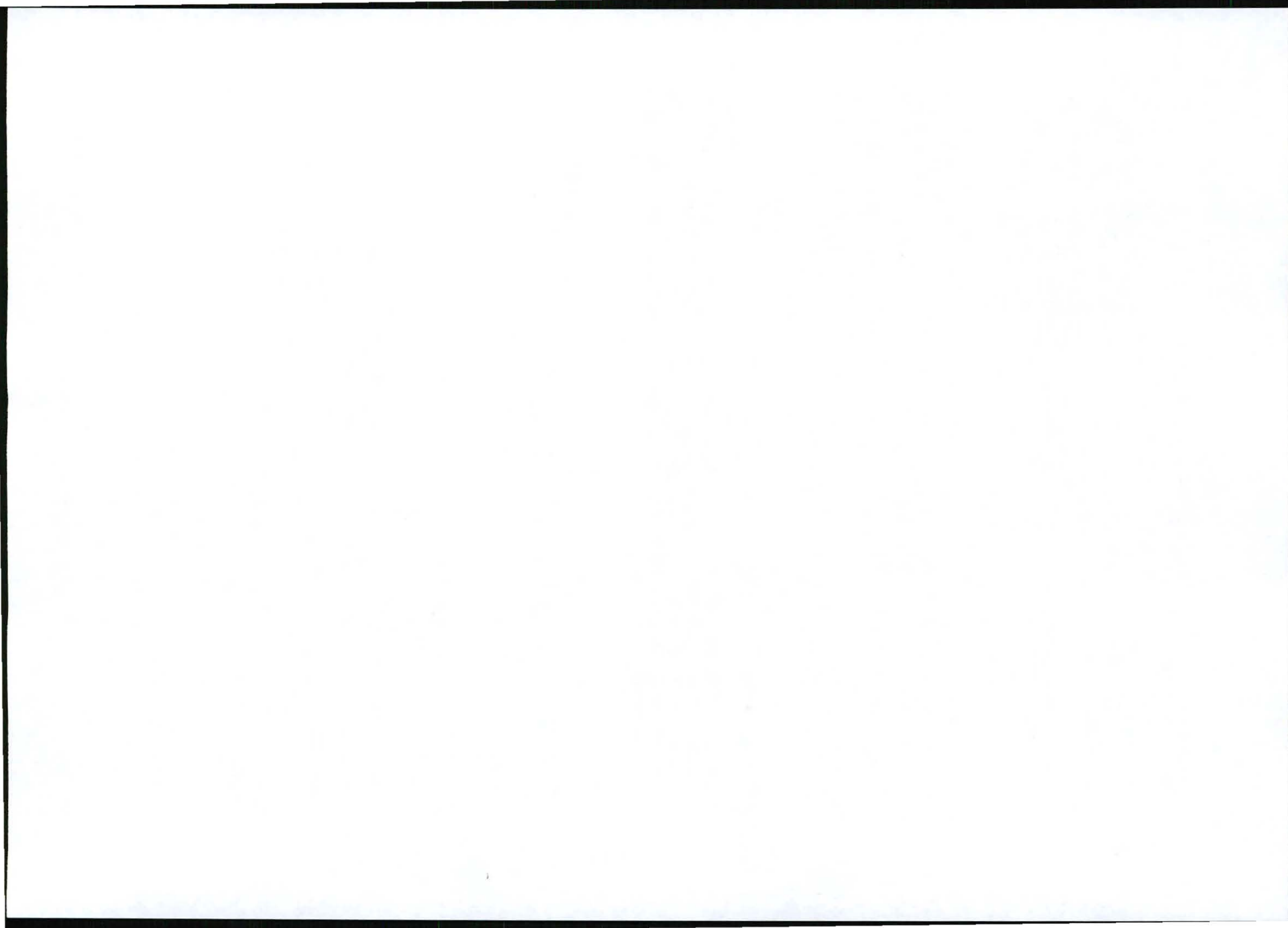
Attached hereto find:

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

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

Yours faithfully

WA VAN'T FOORT
For: Torbious Solutions CC



Our Reference:
T9246 // 17/2/3/GS - 70

Your Reference:

2 February 2012

**Owner Remaining Extent of Portion 1 and Portion 3
of the Farm Vaalbankspruitdrift 334 IT**
Mr Bernard Arnoldi
P O Box 61
Woodlands
0072



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@torbiousesolutions.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 (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 4 of the Farm Vaalbankspruitdrift 344 IT**

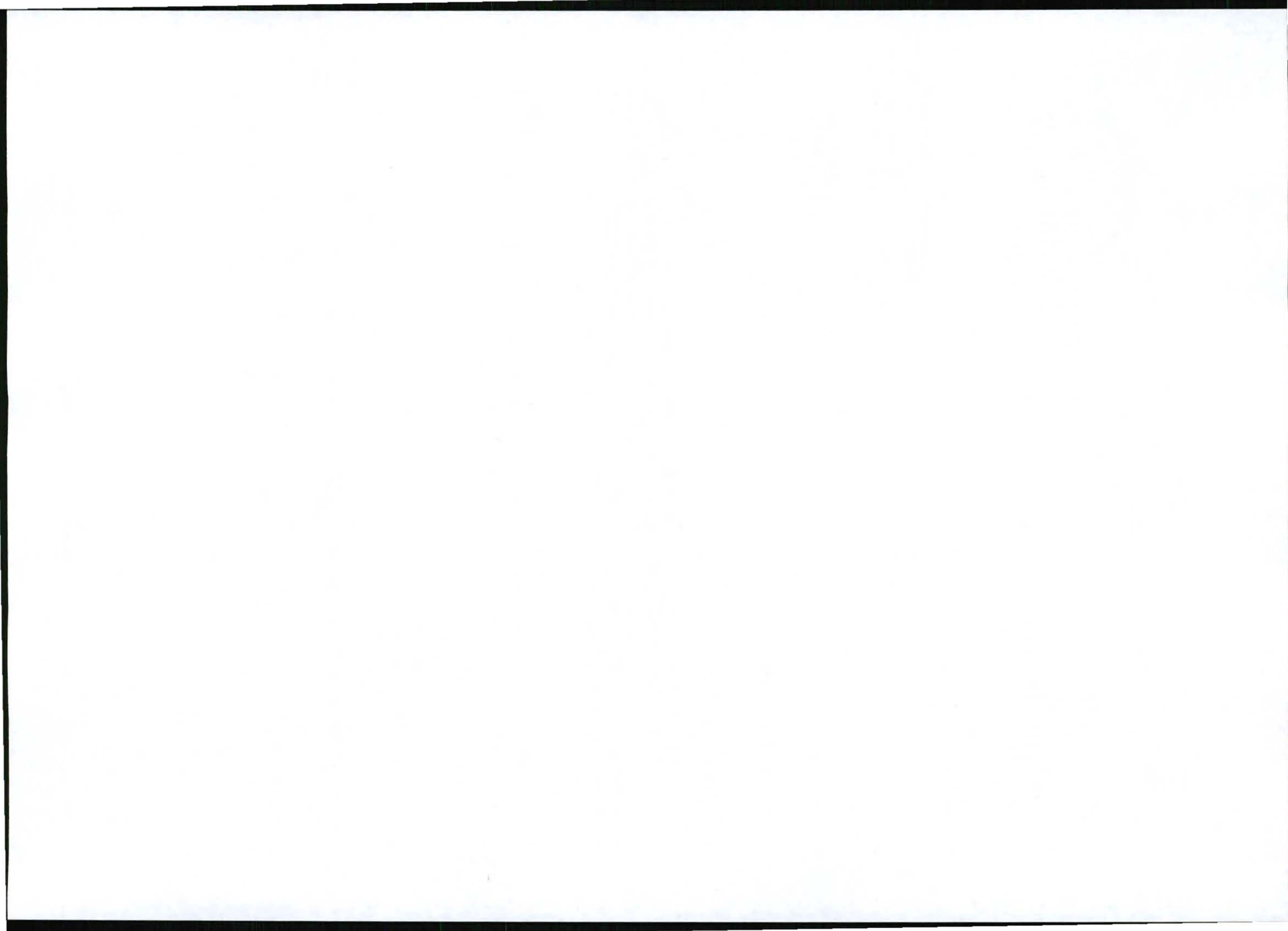
Attached hereto find:

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

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

Yours faithfully


WA VAN'T FOORT
For: Torbiouse Solutions CC



Our Reference:
T9246 / / 17/2/3/GS - 70

Your Reference:

2 February 2012

**Owner Remaining Extent of Portion 2 of the Farm
Vaalbankspruitdrift 334 IT**
Ms B J Kemp
P O Box 486
Morgenzon
2315



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 (ee) IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION BASE STATION ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

We are acting on behalf of MTN (Pty) Ltd in order to apply to the Mpumalanga Department of Economic Development, Environment and Tourism to establish a telecommunication base station on **Portion 4 of the Farm Vaalbankspruitdrift 344 IT**

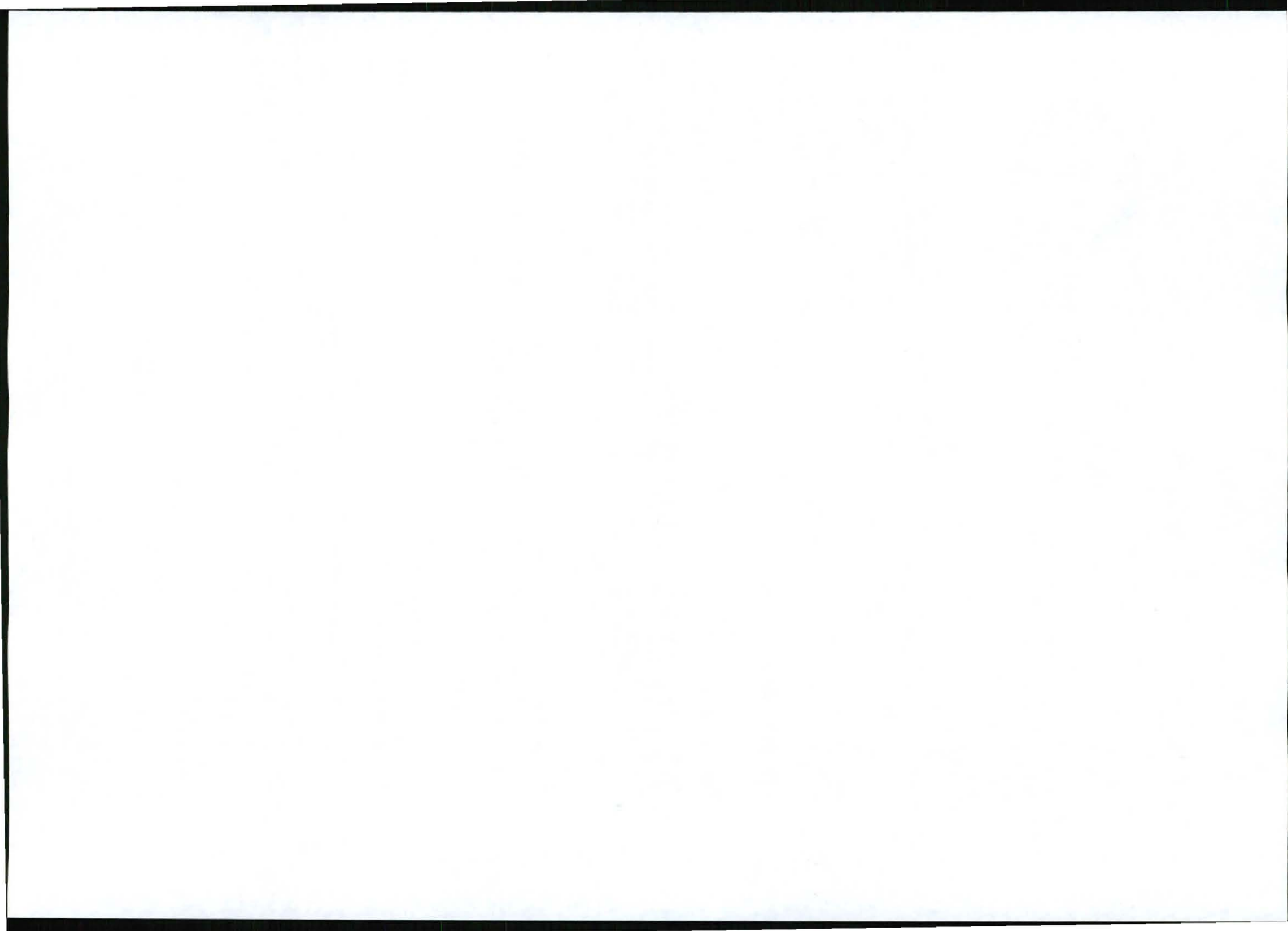
Attached hereto find:

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

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

Yours faithfully

WA VAN'T FOORT
For: Torbious Solutions CC



PUBLIC PARTICIPATION PROCESS

REFERENCE NUMBER: 17/2/3/GS-70

Regulation 546 activity 3 (a) & (b) : (a) ii (ee) : Establishment of an enclosed telecommunication base station with a 54m mast for MTN (Pty) Ltd: T9246
Vaalbankspruitdrif

Location: Portion 4 of the farm Vaalbankspruitdrift 334 IT

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

Alternative 1: Latitude: 26° 53' 06.20"S Longitude: 30° 01' 40.50" E
Lattice type mast painted red and white

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

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

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

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

Environmental Assessment Practitioner (EAP):
Torblouse Solutions CC.
P.O. Box 32017, Totiusdal, 0134
Attention: : W Van't Foort
Telephone: (012) 804 1504/6; Facsimile: (012) 804 7072
E-mail: admin@torblousesolutions.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-70

Umyalelo womthetho 546 umsebenzi 3 (a) & (b) : (a) ii (ee) : Isakhiwo esiyisizinda sezokuxhumana ngocingo esivalekile se-MTN (Pty) Ltd ene-mast engama-54m kanye nendawo (nezindawo) yokubeka impahla: T9246
Vaalbankspruitdrif

Indawo: Portion 4 of the farm Vaalbankspruitdrift 334 IT

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

Esihlukile 1: Ububanzi: 26° 53' 06.20"S Ubude: 30° 01' 40.50" E
Induku ye -lattice ependwe ngokubomvu nokumhlophe

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

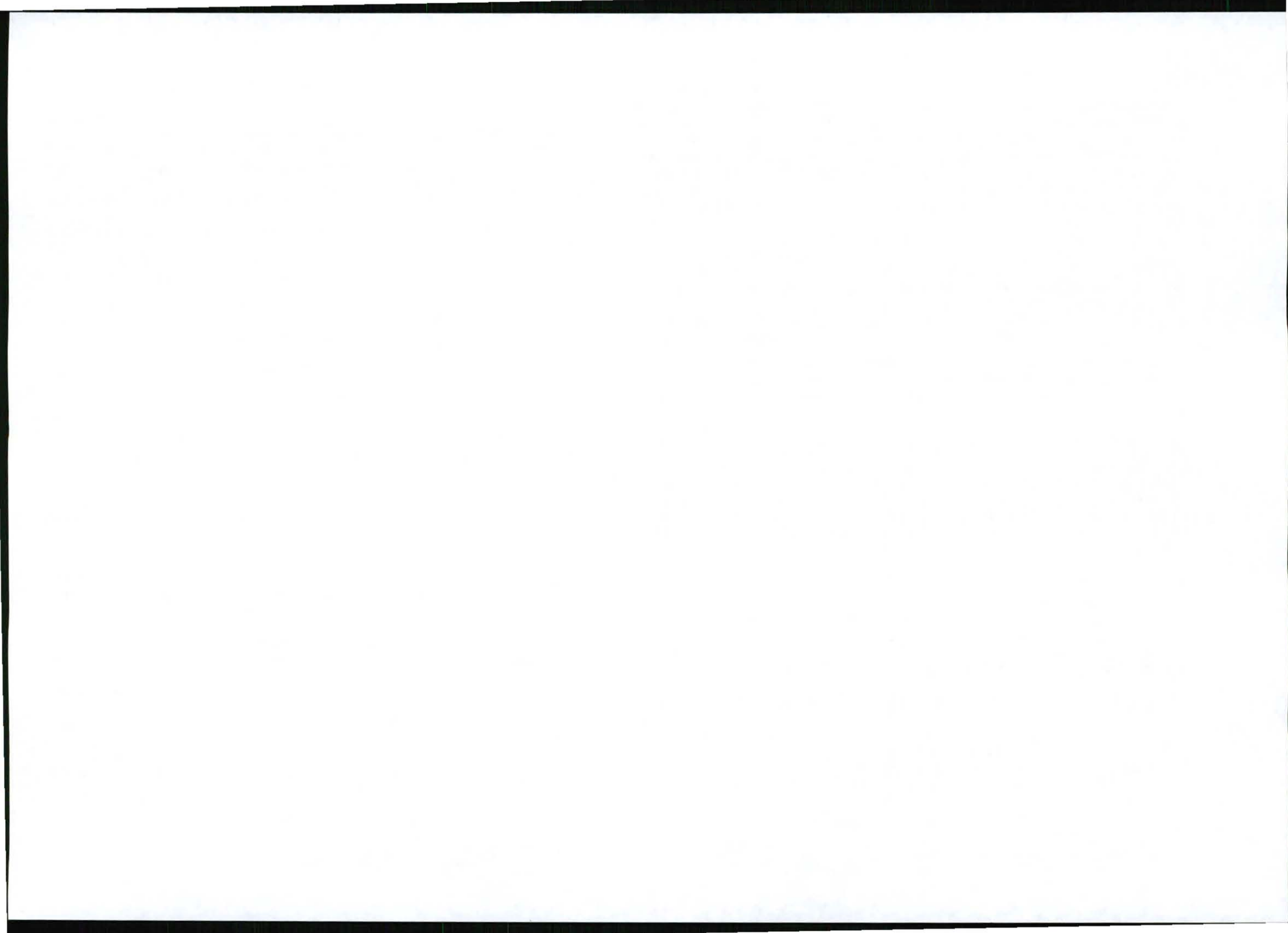
Umenzi wesicelo uhlose futhi ukwenza isicelo kuMnyango Wezolimo waseMpumalanga, Ukulondolozwa Kwamagugu Nezemvelo ukuze akhululwe ngokwemibandela yomthetho 50(1) weMithetho Yokuhlola Kokuthinteka Kwemvelo ka-2010 (R543) ukuze ahlole ezinye izindlela zokuqhubeka nomsebenzi ohleliwe.

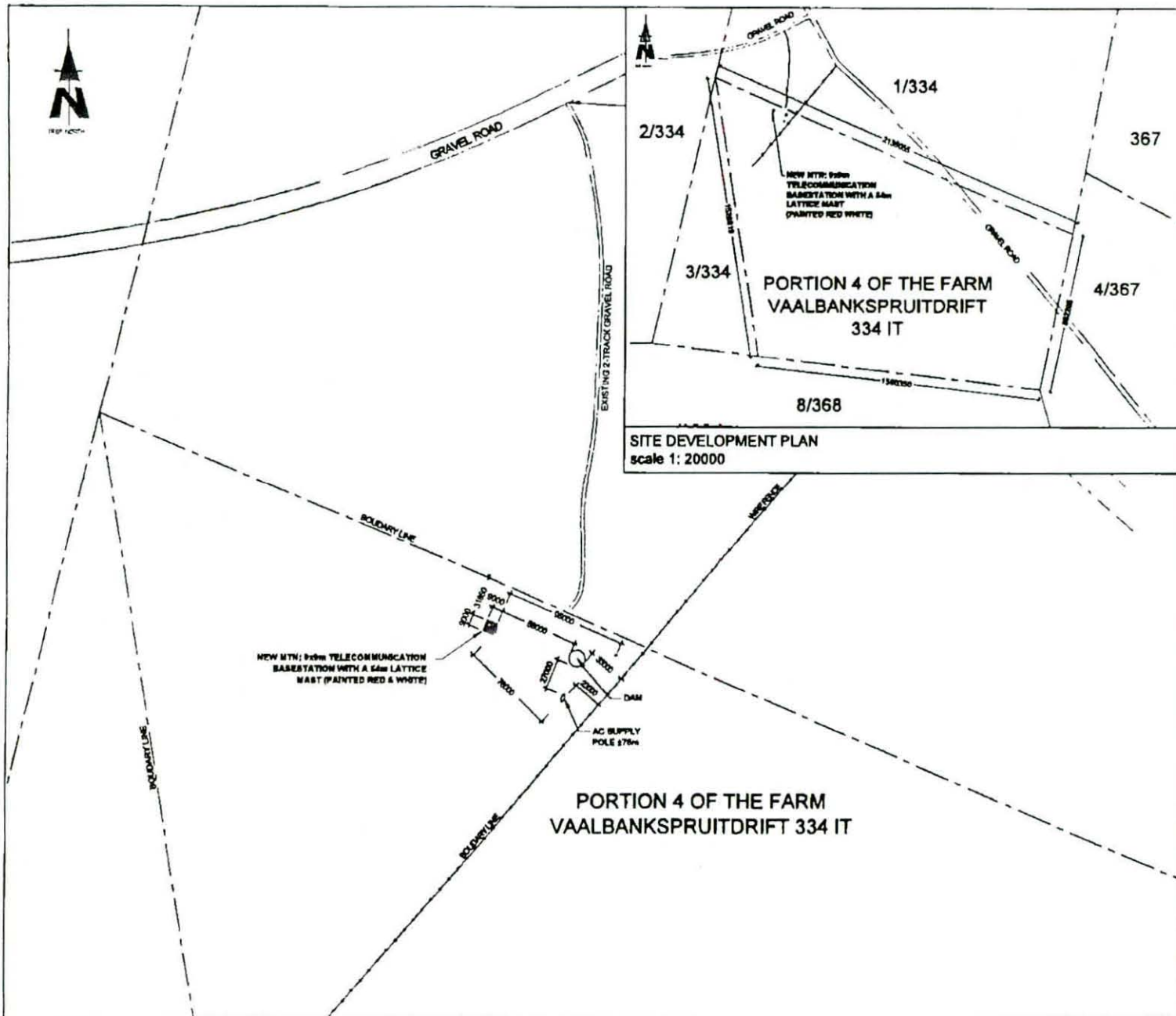
Umuntu ofaka isicelo:
MTN (Pty) Ltd, P.O. Box 4559, Northcliff, 2115.

Isisebenzi Esihlola Ezemvelo (Environmental Assessment Practitioner (EAP)):
Torblouse Solutions CC., P.O. Box 32017, Totiusdal, 0134
kuqondiswe ku- W Van't Foort
Ucingo: (012) 804 1504/6, Ifeksi: (012) 804 7072,
i-e-meyili: admin@torblousesolutions.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 zokubhantsha futhi basho nenombolo yereferensi yomsebenzi, ku-EAP ezinsukwini zekhalenda ezingama-30 kusukela ekushicilelweni kwalesi saziso.

Usuku lokushicilelwa kweSaziso: 2 February 2012





1207 Pretoria Street
 Block B, Mafikeng Centre
 Mafikeng, 0801
 Tel: +27 (0)51 827 8200
 Fax: +27 (0)51 547 8314
 Project Suite 140
 Private Bag 2718
 Mafikeng

SITE NAME
VAALBANKSPRUITDRIF

BASE STATION NUMBER
T0248

REV	DATE	BY	DESCRIPTION
A	22/11/2011	MY	FIRST ISSUE

NOTES
 CHECK WITH MPUNALANGA

SITE DEVELOPMENT PLAN
 scale 1: 20000

STRICTLY COMPANY CONFIDENTIAL

PROPERTY DESCRIPTION
 PORTION 4 OF THE FARM VAALBANKSPRUITDRIF 334 IT

COORDINATES
 LAT 26° 53' 08.20" S
 LONG 30° 01' 40 50" E

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

ADDRESS
 VAALBANKSPRUITDRIF
 FAMILIE HOEK ROAD,
 AMERSFOORT,
 MPUNALANGA

INFRASTRUCTURE PLANNING SERVICES

414 Ruder Road
 Mafikeng
 0801
 Tel: +27 (0)51 854 1868
 Fax: +27 (0)51 854 7972
 info@infoplan.co.za
 P O Box 2707
 Mafikeng
 0801

RFO NO.
148744

PROJECT NUMBER
115803

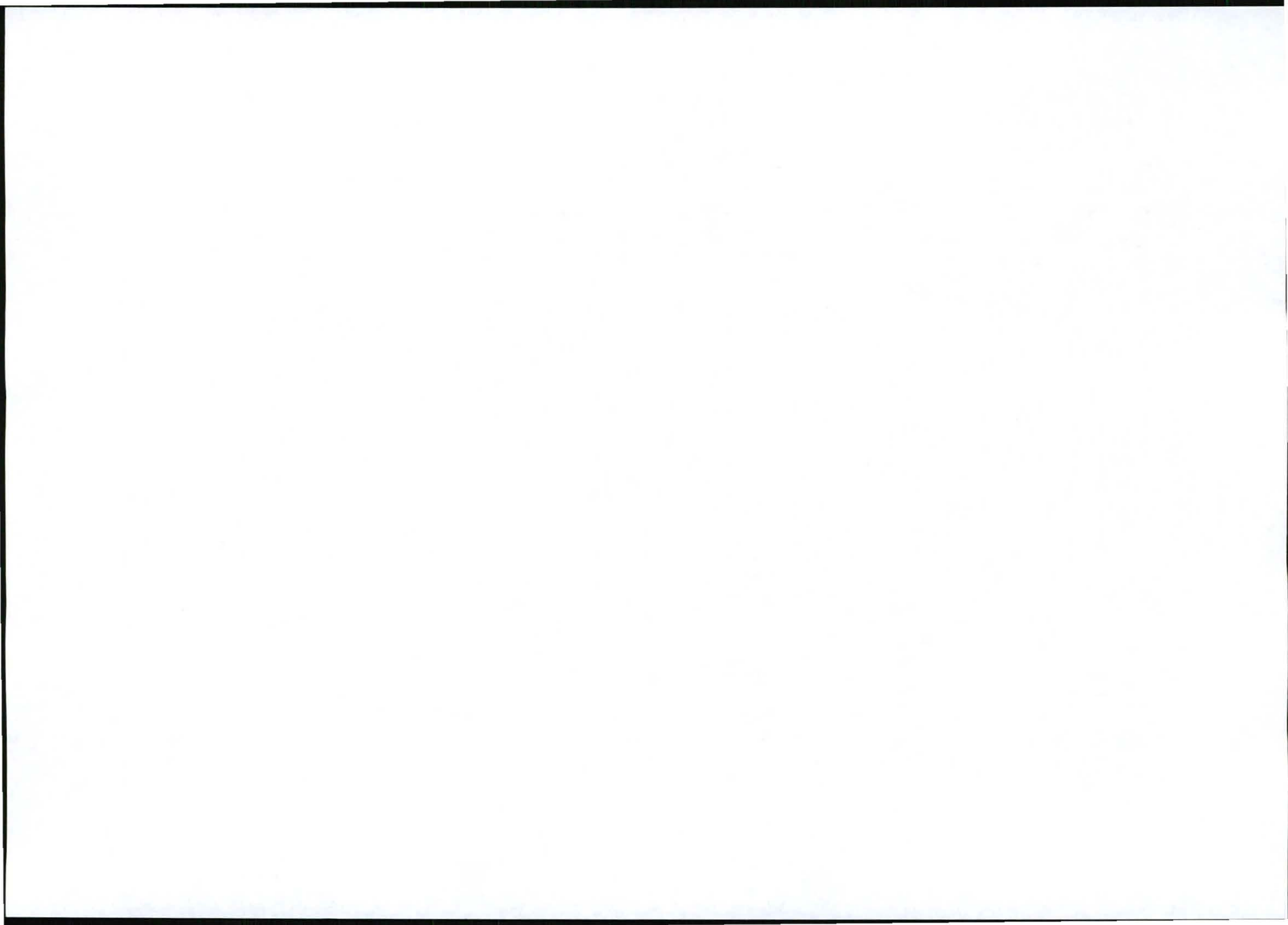
DRAWINGS MUST NOT BE SCALED. ONLY DIMENSIONS TO BE USED. CHECKINGS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF WORK.

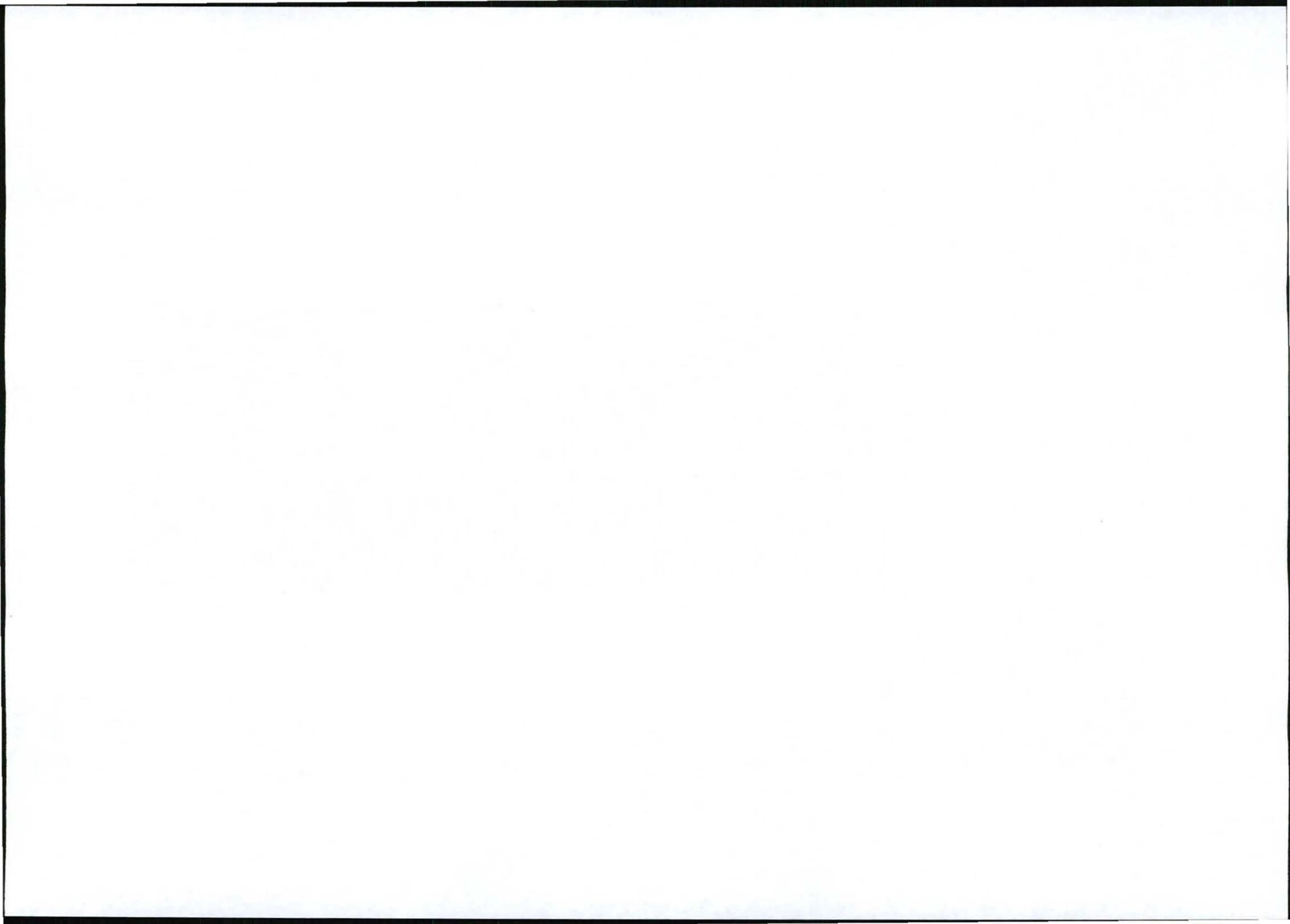
ALL WORK TO BE PERFORMED ACCORDING TO MTN SITE INFRASTRUCTURE SPECIFICATION RFP/1801 (MAY 08) REVISION 8 NOVEMBER 2007

DRAWN: MELISSA YOUNG **DATE:** 22/11/2011

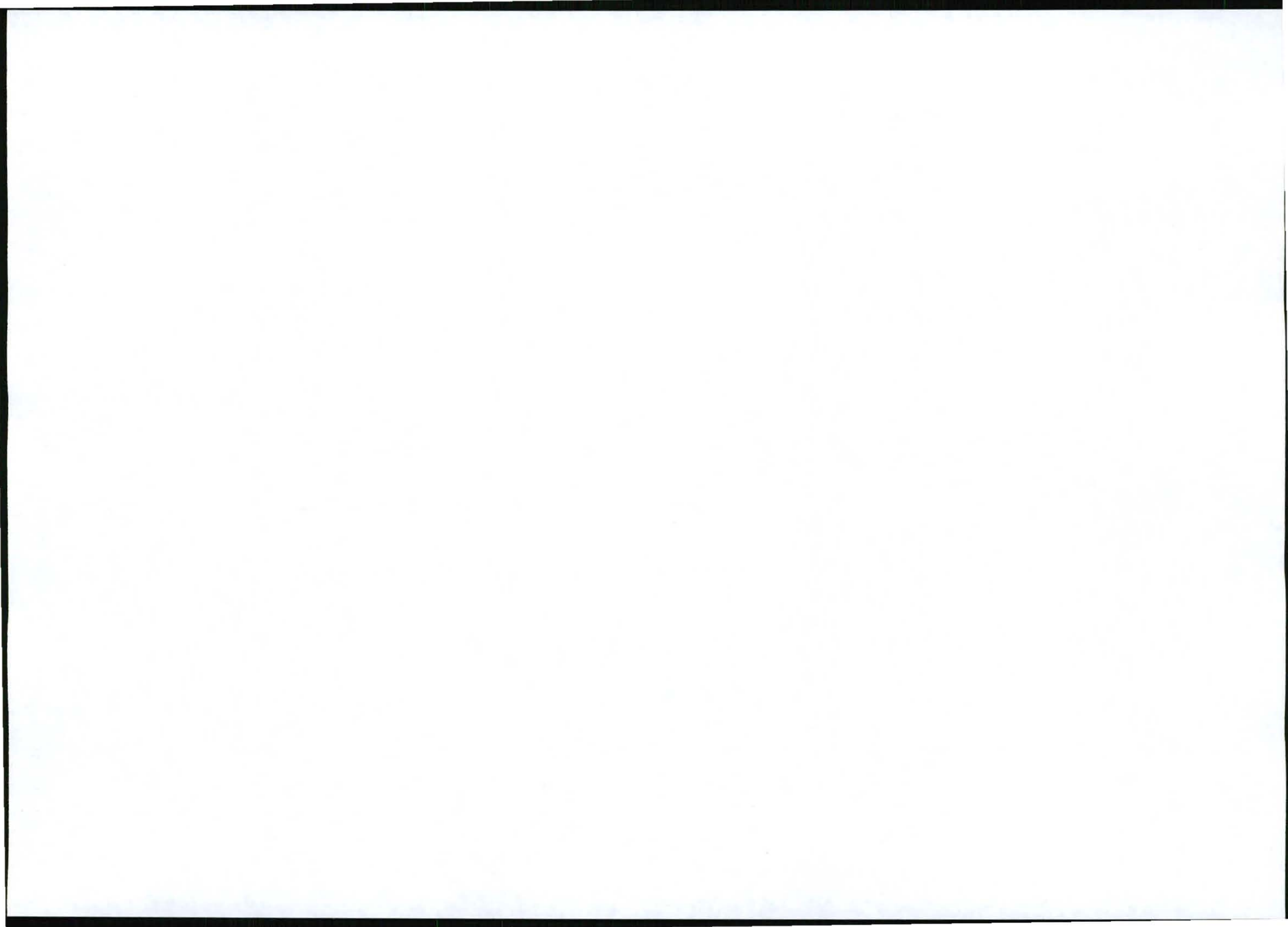
SCALE: 1:2000 **REF. NO.:** 812/0248

SITE DEVELOPMENT PLAN
SHEET 3 OF 8





G3 – Civil Aviation Approval



SOUTH AFRICAN



**CIVIL AVIATION
AUTHORITY**

Physical Address:
Rheya Lokundza
Treur Close
Waterfall Park
Bekker Street
Midrand

Postal Address:
Private Bag X 73
Halfway House
1685

Telephone Number:
+27 11 545 1000

Fax Number:
+27 11 545 1465

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

Website address:
www.caa.co.za

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

23 April 2007

Turbioise Solutions
P O Box 32017
Totiosdal
0134

To: Mr Wim Anholts

Communication structure,

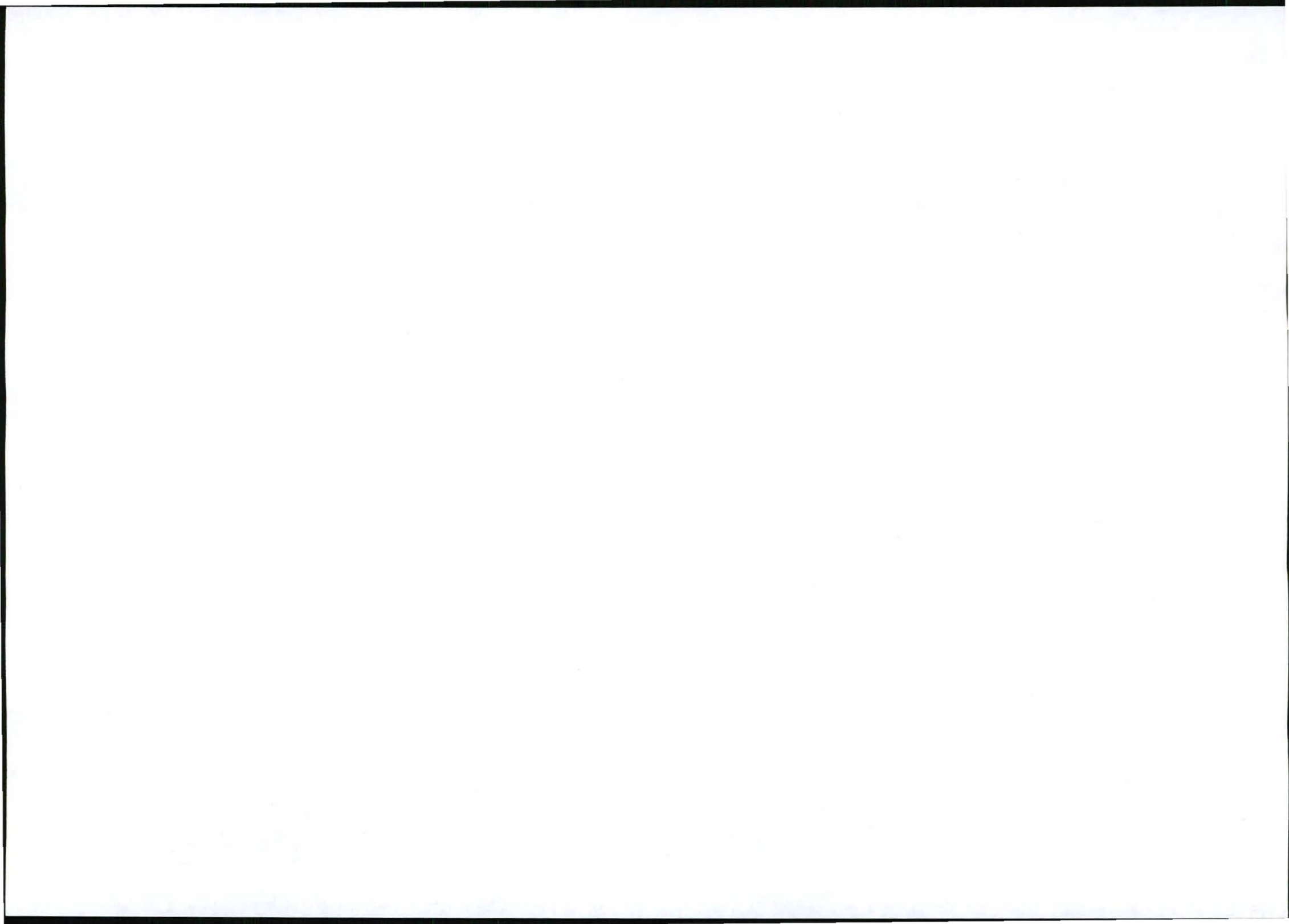
Day and night markings apply to all structures exceeding 45m above the ground in South Africa by default (refer SA-CAR Part 139.01.33),

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

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

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

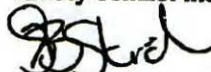
Board Members: Mr D Moorosi (Chairman), Mr J Morrison, Ms M Megasa, Ms B Mohlala, Maj Gen T Ntsibande, Mr Z Myeza (CEO)



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.

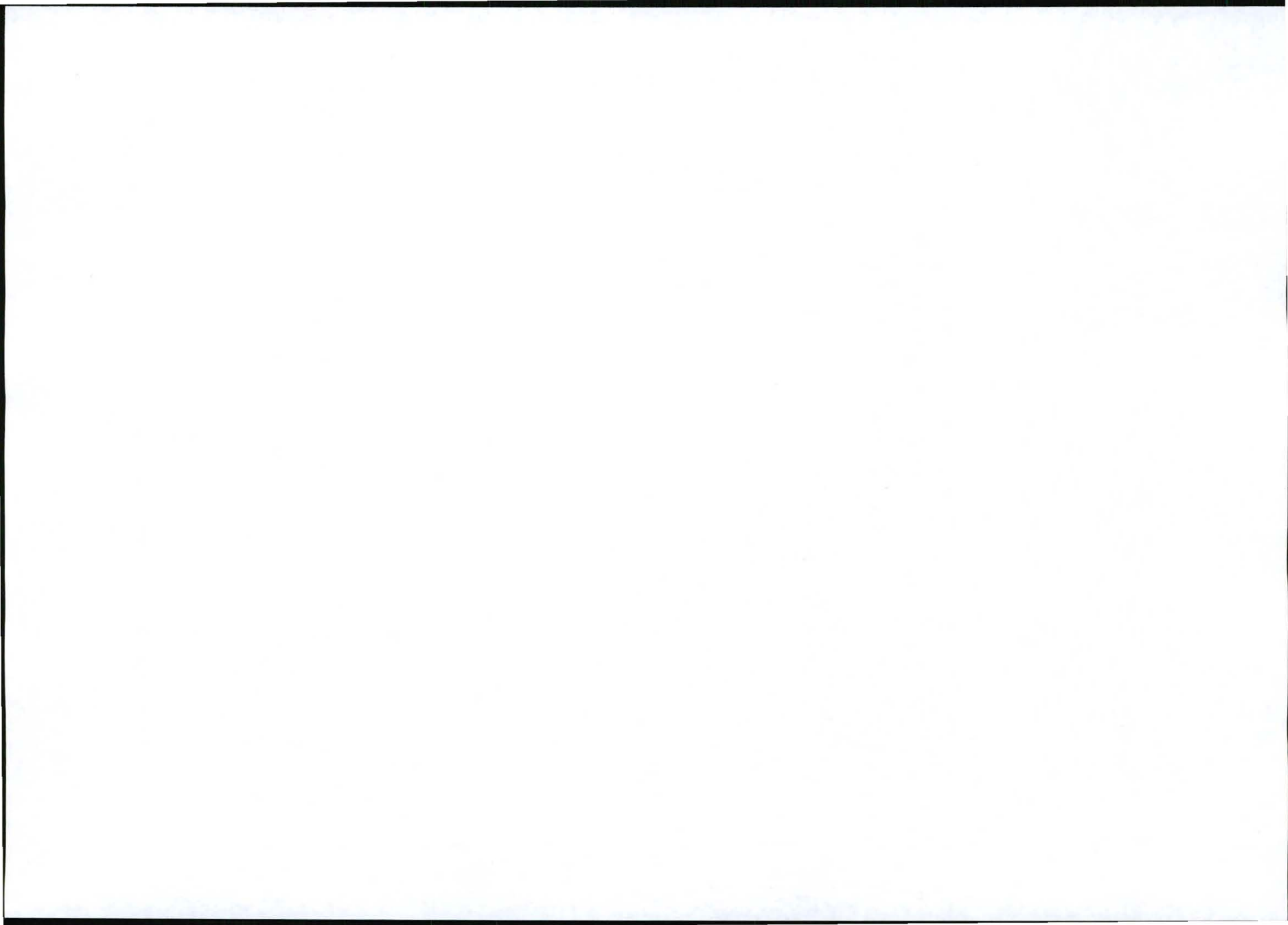
Kindly contact the writer if more information is required.



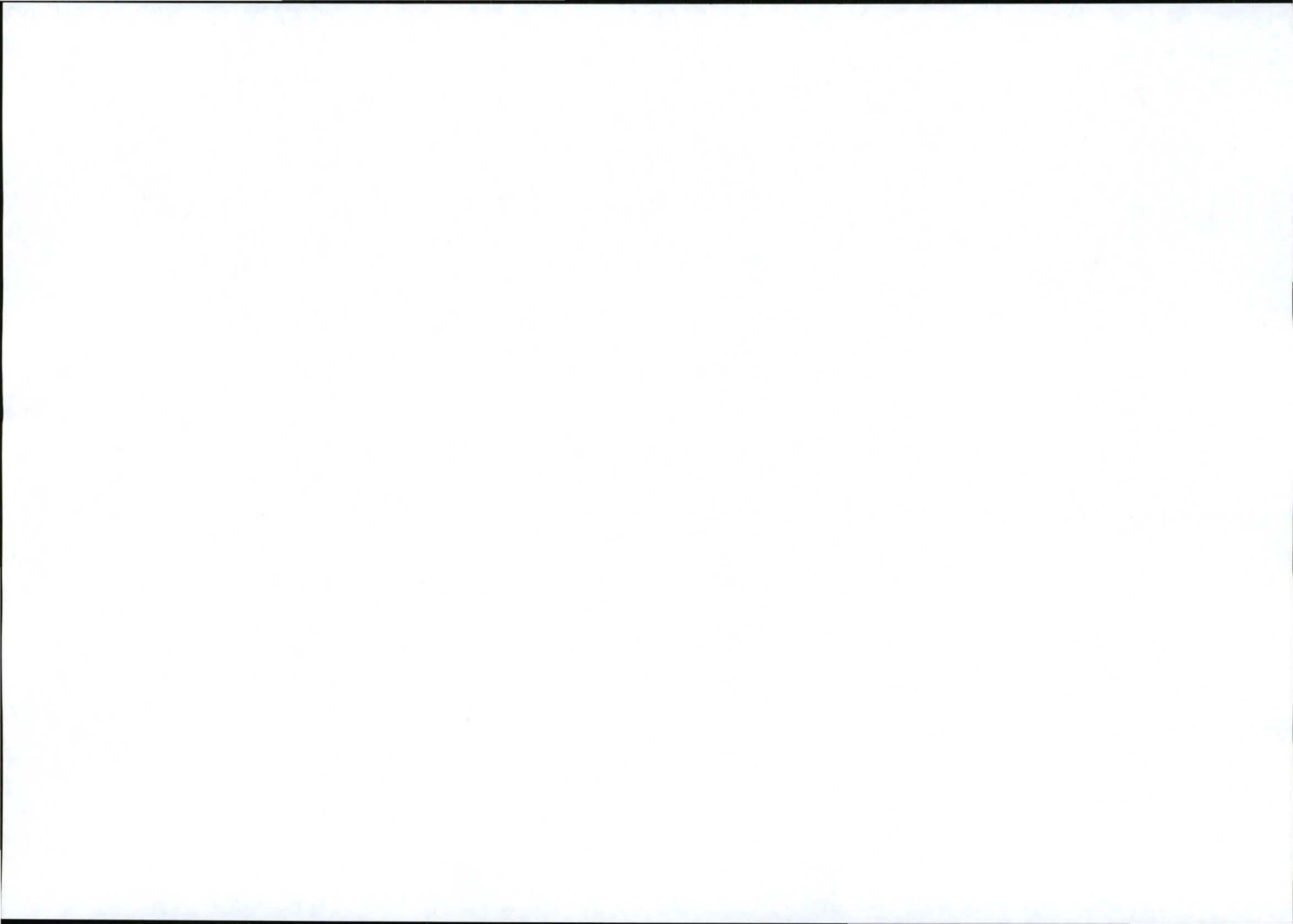
Lizell Stroh

AERODROME SAFETY OVERSIGHT

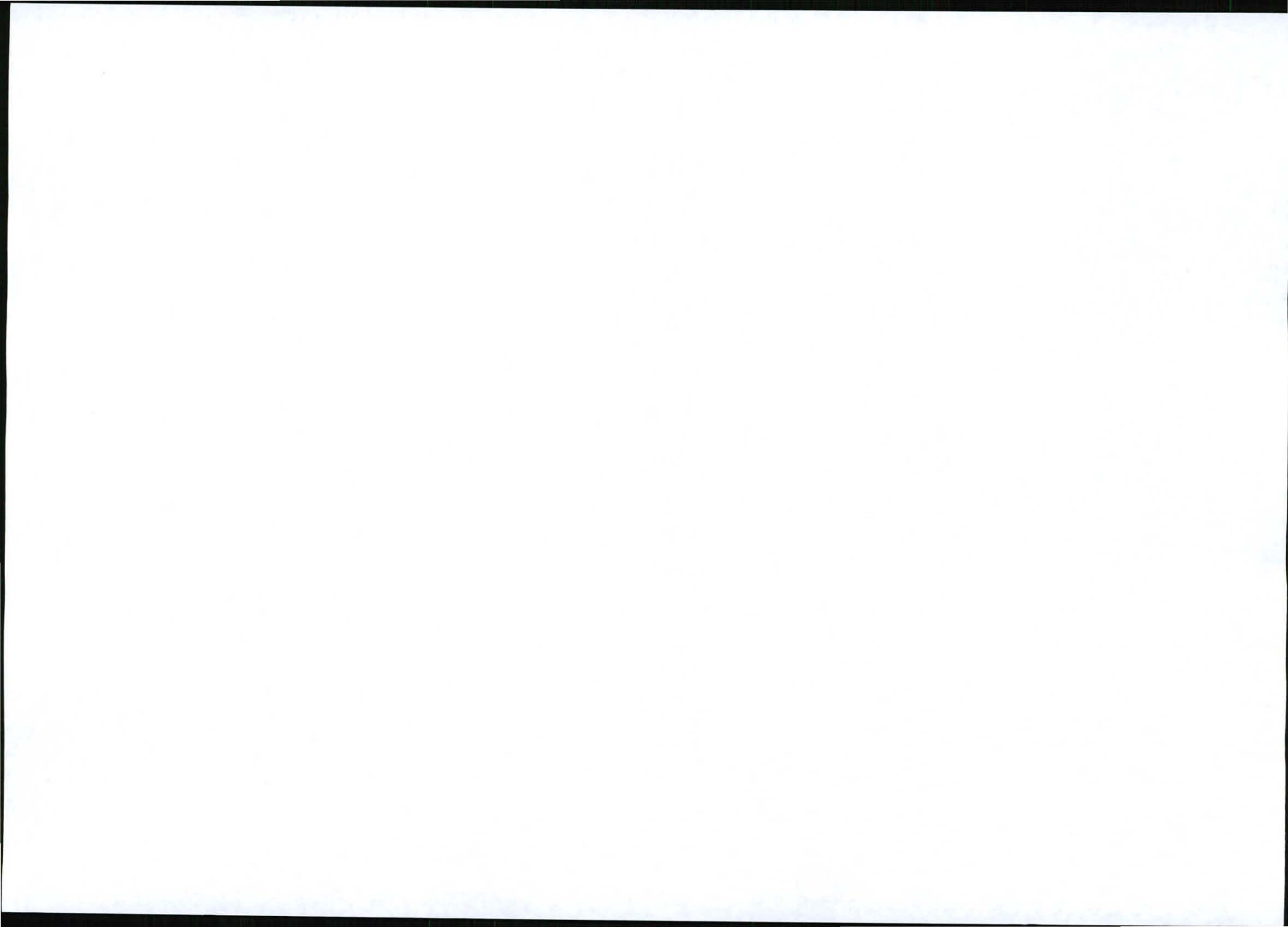
Board Members: Mr D Moorosi (Chairman), Mr J Morrison, Ms M Magasa, Ms B Mohlala, Maj Gen T Ntsibande, Mr Z Myeza (CEO)



G4 – Proof of Newspaper Ad



G5 – Motivation for Exemption of assessing alternatives



Our Reference:
T9246 Vaalbankspruitdrif

Your Reference:
17/2/3/GS-70

T 9246

24 May 2012

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



Reg. No. 2001/080535/23

PO Box 32017, Totiusdal, 0134

414 Rustic Road
Silvertondale, 0184
Pretoria

Tel: (012) 804 1504/ 6

Fax: (012) 804 7072

e-mail: admin@torbiouseolutions.co.za

Attention: **Surgeon Marebane**
Fax No: 072 814 5409
E-mail: stmarebane@mpg.gov.za

Dear Sir,

MOTIVATION FOR EXEMPTION FROM ASSESSING ALTERNATIVES IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 IN REGULATION 546: ESTABLISHMENT OF A MTN (PTY) LTD TELECOMMUNICATION MAST ON PORTION 4 OF THE FARM VAALBANKSPRUITDRIFT 334 IT.

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

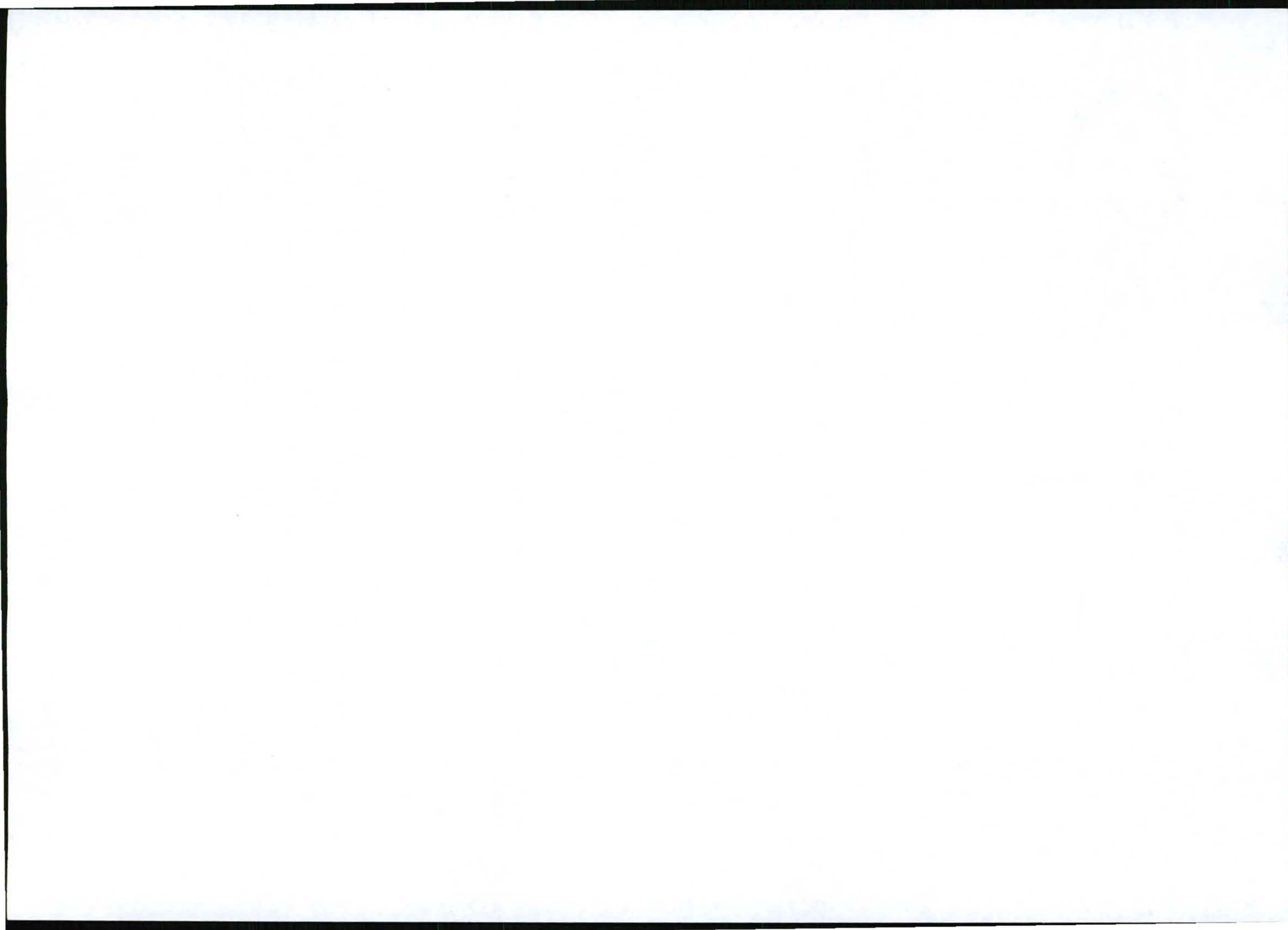
Motivation:

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

The Portion 4 of the farm Vaalbankspruitdrift 334 IT, where the establishment is proposed was identified by the radio planners of MTN as the best position to place the mast to reach the transmission coverage on the MTN network. The site is on a farm with disturbed grassland. Environmental impact at this site and on this property will be limited to the visual aspect, as well as the grass that need to be removed from the 81m² footprint area. The development is planned open grassland where no large trees or any endangered plants will need to be removed. The neighbouring properties were not regarded as feasible site alternatives due to more limitations on the network coverage, as well as possible increased impact on the site footprint area where more indigenous vegetation would have to be removed. The environmental impact on the footprint area would most probably be of much higher significance if the site was moved to another locality within a certain radius from the proposed site.

(b) The type of activity to be undertaken:

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



(c) The design or layout of the activity:

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

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

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

(e) The operational aspects of the activity:

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

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

Kind Regards,



Wilbert van't Foort

For: Torbious Solutions cc

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT