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Email: metrowind@afriacoast.com


MetroWind
Registered Company No.: 2010/O21238/07

Our Ref: P9103

Your Ref: DEA Reference Number: 12/12/20/1506

6 June 2012

Mariagrazia Galimberti
South African Heritage Resources Agency
111 Harrington Street
PO Box 4637
Cape Town
8000,
South Africa

Attention: Mariagrazia Galimberti

RE: 27 MW METROWIND VAN STADENS WIND FARM, NELSON MANDELA BAY AREA, EASTERN CAPE PROVINCE - APPLICATION FOR A HERITAGE DESTRUCTION PERMIT

Dear Mariagrazia

Herewith please find enclosed the Heritage Destruction Permit Application for the 27 MW MetroWind Van Staden's Wind Farm, Nelson Mandela Bay Area, Eastern Cape Province.

Should you require additional information please do not hesitate to contact me.

Yours faithfully



John McGillivray Pr Eng

Project Director

MetroWind (Pty) Ltd



SOUTH AFRICAN HERITAGE RESOURCES AGENCY
111 HARRINGTON STREET, CAPE TOWN, 8001
PO BOX 4637, CAPE TOWN, 8000
TEL: 021 462 4502 FAX: 021 462 4509

FOR OFFICIAL USE ONLY:

File No.:
Date received:
Date approved:
Applicant:
Site / Object:
Permit No.:

**APPLICATION FOR PERMIT:
ARCHAEOLOGICAL AND PALAEOLOGICAL SITES AND METEORITES**

Please note: Permit Applications expire one year after the date of receipt.

In terms of Section 35 (4) of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) no person may, without a permit issued by the relevant heritage resources authority, destroy, damage, excavate, alter, deface or otherwise disturb any archaeological or palaeontological site or material or any meteorite; or bring onto, or use at an archaeological or palaeontological site any excavation equipment or any equipment that assists in the detection or recovery of metals or archaeological and palaeontological material or objects, or use such equipment for the recovery of meteorites.

Other application forms are available for shipwrecks, or for the export or sale of heritage objects including archaeological and palaeontological material and meteorites, for burial grounds and graves, and for the registration of collections.

Applicants are advised that without full details no permit may be issued.

A. APPLICANT'S DETAILS

1. Name and address of applicant:

Rubicept Pty Ltd

Contact person: Mr John McGillivray

Phone: (W) +27 (41) 505 8000

(Cell) +27(71) 387 1008

Fax: +27 (41) 585 3437

E-mail: john@africoast.com

Identity number of applicant (or passport): 7012235243084

2. Academic qualifications of applicant:

Not applicable

3. Previous relevant experience of applicant:

Not applicable

4. Name and address of a person who can serve as a reference, i.e. a qualified archaeologist, palaeontologist or geologist, as relevant:

Ms Celeste Booth

Department of Archaeology, Albany Museum, Somerset Street, Grahamstown, 6139

Tel: (046) 622 2312

Fax: (046) 622 2398

celeste.booth@ru.ac.za

5. Name and address of the South African scientific institution with which the applicant collaborates:

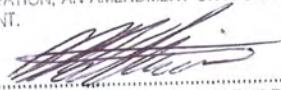
Not applicable

6. Name and address of the South African scientific institution that will curate the material recovered:

Not applicable

SUID-AFRIKAANSE POLISIEDIENS
 COMMUNITY SERVICE CENTRE
 2012 -06- 05
 WALMER
 SOUTH AFRICAN POLICE SERVICE

EK SERTIFISEER DAT HIERDIE DOKUMENT 'N WARE AFDRUK (AFSKRIF) IS VAN DIE OORSPRONKLIKE DOKUMENT. V. IT AN MY VIR WAARNEMING VOORGELE IS. EK SERTIFISEER VERDER D. IT, VOLG. IS MY WAARNEMINGS, DAAR NIE 'N WYSIGING OF VERANDERING OP DIE OORSPRONKLIKE DOKUMENT AANGEBRING IS NIE.
 I CERTIFY THAT THIS DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS PRESENTED TO ME FOR AUTHENTICATION. I FURTHER CERTIFY THAT, FROM MY OBSERVATION, AN AMENDMENT OR A CHANGE WAS NOT MADE TO THE ORIGINAL DOCUMENT.



HANDTEKENING / SIGNATURE

MAGNOMER 7188443-2 RANG RANK 5125
 FORCE NUMBER RANK
 NAAM IN DRUKSKRIF M. WELLMANNS
 NAME IN PRINT

GEREGISTREERDE WOON- EN POSADRES

1. Bewaar die bewys van u GEREGISTREERDE WOON- EN POSADRES in hierdie sakkie.
2. Indien u van adres verander het, of indien besonderhede van u huidige adres, bv. straatnaam en/of -nommer, ens. verander het, moet die vorm KENNISGEWING VAN ADRESVERANDERING, wat in die sakkie agter in die identiteitsdokument is, gebruik word om die verandering aan te meld en moet dit ingedien word by of ge-pos word aan die naaste streek-/distrikkantoor van die DEPARTEMENT VAN BINNELANDSE SAKE.

REGISTERED RESIDENTIAL AND POSTAL ADDRESS

1. Keep the proof of your REGISTERED RESIDENTIAL AND POSTAL ADDRESS in this pocket.
2. If you have changed your address, or, if particulars of your present address, e.g. name of street and/or street number, etc., have been changed, the NOTICE OF CHANGE OF ADDRESS form in the pocket at the back of the identity document must be used to report the change and it must be handed in at or posted to the nearest regional district office of the DEPARTMENT OF HOME AFFAIRS.

1

I. D. No. 701223 5243 08 4



S. A. BURGER/S. A. CITIZEN

VAN/SURNAME

MC GILLIVRAY

VOORNAME/FORENAMES

JOHN KENNETH

GEBORTEDISTRIK OF-LAND/
 DISTRICT OR COUNTRY OF BIRTH

SOUTH AFRICA

GEBORTEDATUM/
 DATE OF BIRTH

1970-12-23

DATUM UITGEREIK
 DATE ISSUED

2001-08-08



UITGEREIK OP GESAG VAN DIE
 DIREKTEUR-GENERAAL:
 BINNELANDSE SAKE

ISSUED BY AUTHORITY OF THE
 DIRECTOR GENERAL:
 HOME AFFAIRS

B. DETAILS OF SITE(S) OR OBJECT(S)

7. Name(s) of site:

The MetroWind van Staden's Wind Farm, located on the remainder of Farm Rietfontein No. 594 located in Van Staden's area, Port Elizabeth, Eastern Cape.

8. Nature of site or object(s) e.g. archaeological, palaeontological, meteorite*: Refer to Appendix A and B

* Please supply a short description of the site, including, type and approximate date on a separate sheet of paper

9. Period, era, age or date of site or object(s) *:

According to Celeste Booth's Phase 1 Archaeology Report, the general area had been occupied from the Middle Stone Age (the past 120 000 years). Shell middens and scatters indicate that Later Stone Age hunter-gatherers were living in the area from at least 6 000 years ago.

10. Geographical situation of site / object MARK POSITION OF SITE ON A PHOTOSTAT OF A 1:10 000 or 1:50 000 MAP:Province: Eastern CapeMagisterial district: Nelson Mandela Bay1: 50 000 Map number : 3325 CC & 3325 CD (or SAN chart)Latitude & Longitude:¹

- Shell Surface Scatter in proposed new access road between Turbine 4 (S04) and Turbine 6 (S06) burrowed out by animals; includes fauna: 33°57'30.30"S; 25°14'54.20"E
- Shell Surface Scatter – in proposed new access road between Turbine 4 (S04) and Turbine 6 (S06): 33°57'30.20"S; 25°14'55.00"E
- Shell Surface Scatters – between Turbine 5 (S05) and Turbine 4 (S04): 33°57'27.20"S; 25°14'46.20"E, 33°57'27.10"S; 25°14'46.20"E, 33°57'32.10"S; 25°14'48.70"E
- Shell Surface Scatter – adjacent to Turbine 7 (S07): 33°57'08.90"S; 25°15'00.40"E

Recording method (GPS, Trig., Other) : GPSFarm Name and No: Remainder of Farm Rietfontein No. 594 / Town : Port ElizabethNearest Town : Port Elizabeth /11. If it is a national or provincial heritage site / object, the number and date of the notice in the *Government Gazette* Not applicable**C. PURPOSE OF APPLICATION**

12. Purpose of and reasons for application*

For the destruction of the above mentioned archaeological sites apriori the commencement of construction activities for the area between Turbines S05, S06 and, S07.

*** PLEASE SUPPLY FULL MOTIVATION OR RESEARCH PROPOSAL**

13. Nature of activity. Please circle the appropriate activities below

Destruction or Damage* for: Analysis / Dating / Restoration / Security / **Other***

Excavation or disturbance*

Alteration*

Removal from original site*

Exhumation and re-interment*

Explore with a metal detector or other equipment**

Other (e.g. removal of graffiti at rock art site)*

Please supply extra details on a separate sheet of paper*: Refer to Appendix 3

14. Period for which permit is required. *Permits are not normally issued for periods longer than three years:*

¹ Turbine S04: 33°57'34.41"S; 25°14'47.18"E

Turbine S05: 33°57'21.90"S; 25°14'45.82"E

Turbine S06: 33°57'26.42"S; 25°15'08.34"E

Turbine S07: 33°57'10.24"S; 25°15'00.94"E

From July 2012 To July 2014

15. Have you consulted the landowner about this project? Yes, refer to Appendix 4

16. Institutional support (as relevant):

I, **Head of**
(South African institution) where the applicant will be based while undertaking this project, hereby state that I support the application.

Signature: Date:

I, **Head of**
(institution) hereby undertake to store in our institution the material and records from this project once completed.

Signature: Date:

I, JOHN MCGILLIVRAY

undertake strictly to observe the terms, conditions, restrictions, regulations and guidelines under which the Council may issue the permit to me.

Signature: [Signature] Place: PORT ELIZABETH
(APPLICANT)

Date:

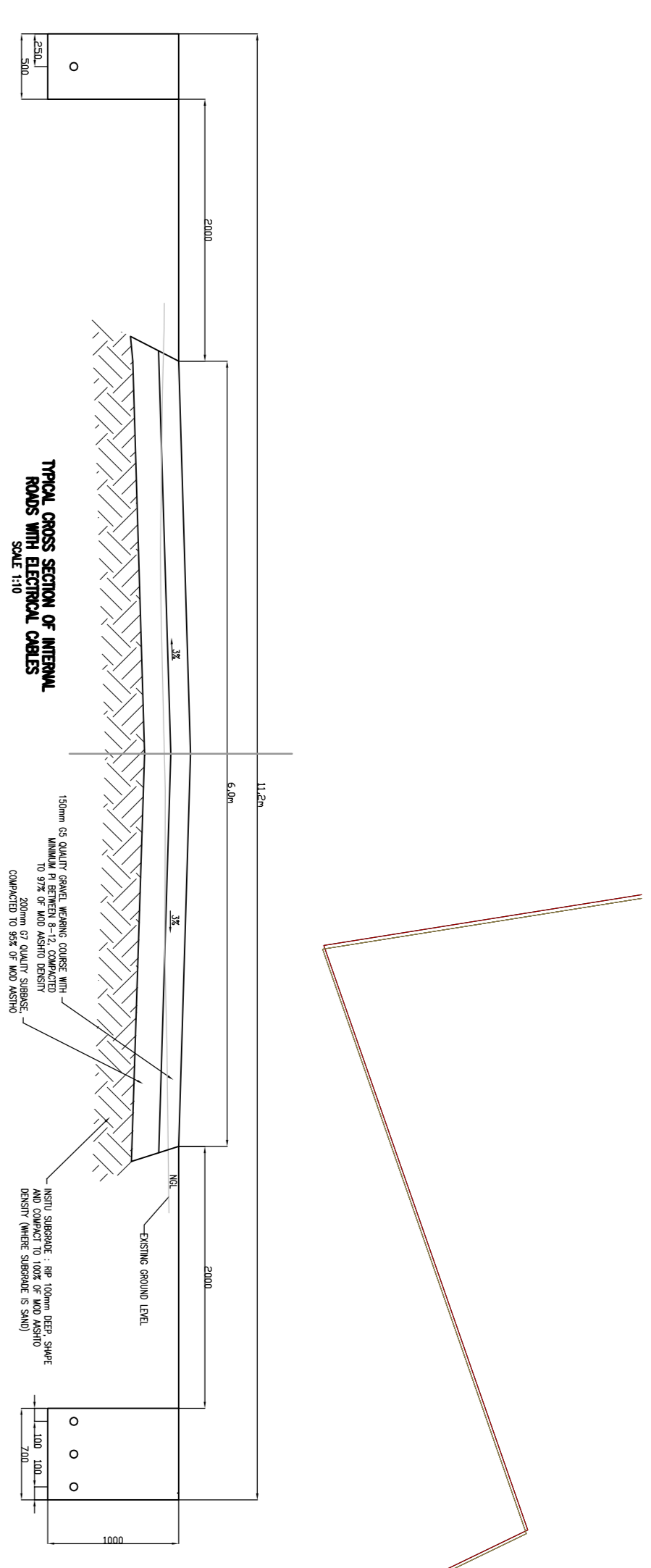
APPENDIX 1: DESCRIPTION OF THE NATURE OF THE HERITAGE OBJECTS

The individual turbine footprints and access roads from the main access road and between Turbines S01-S04, S08 and, S09 contained no archaeological material remains and sites. The area between Turbines S05, S06 and, S07 contains several mainly fragmented and ephemeral marine shell surface scatters (mainly *Donax serra* and to a lesser extent *Turbo sarmanticus*, *Scutellastra spp.* and *Cymbula spp.*) and associated stone artefacts and one incidence of faunal occurrence (possibly small antelope) (see figure below). The area is rated as having a medium cultural significance (Generally Protected B (Field Rating IV B)).

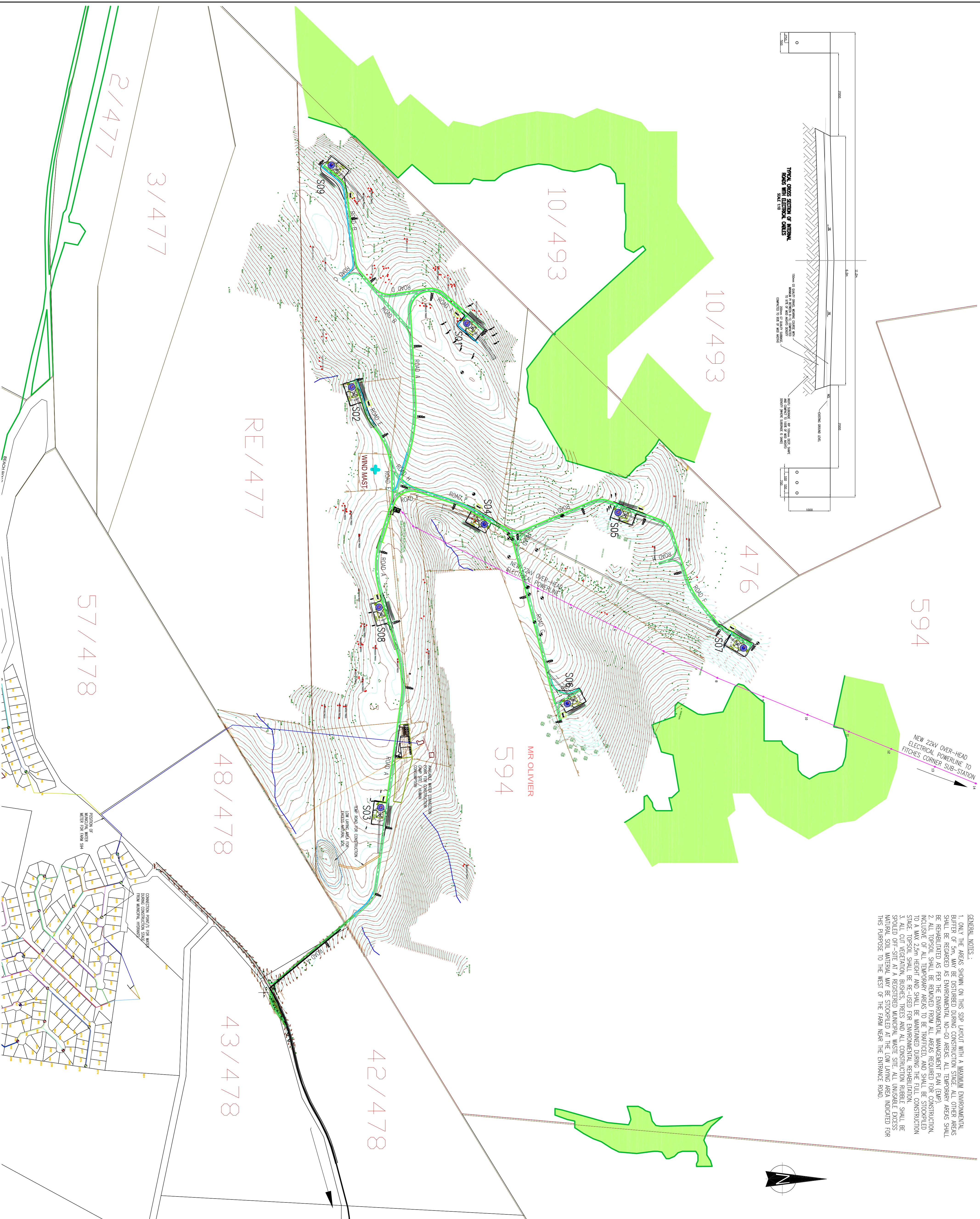


Figure 1: Aerial view of approved Metrowind Wind Farm showing the general GPS co-ordinates (red), features (yellow), archaeological surface shell and stone artefact scatters (blue: shell; orange: stone artefacts) and previous archaeological surface scatters documented (Celeste Booth, January 2012).

APPENDIX 2: PRELIMINARY VAN STADENS WIND FARM LAYOUT PLAN



- GENERAL NOTES:**
1. ONLY THE AREAS SHOWN ON THIS SPP LAYOUT WITH A MAXIMUM ENVIRONMENTAL BUFFER OF 5m, MAY BE DISTURBED DURING CONSTRUCTION STAGE. ALL OTHER AREAS SHALL BE REHABILITATED AS PER THE ENVIRONMENTAL MANAGEMENT PLAN (EMP).
 2. ALL TOPSOIL SHALL BE REMOVED FROM ALL AREAS REQUIRED FOR CONSTRUCTION, INCLUSIVE OF ALL TEMPORARY AREAS TO BE TRAFFICED, AND SHALL BE STOCKPILED TO A MAX 2.5m HEIGHT AND SHALL BE MAINTAINED DURING THE FULL CONSTRUCTION STAGE. TOPSOIL SHALL BE RE-USED FOR ENVIRONMENTAL REHABILITATION.
 3. ALL CUT VEGETATION, BUSHES, TREES AND ALL CONSTRUCTION RUBBLE SHALL BE SPILLED OFF-SITE AT A REGISTERED MONITORIAL WASTE SITE. ALL UNDESIRABLE EXCESS MATERIAL SOIL MATERIAL MAY BE STOCKPILED AT THE LOW LIVING AREA INDICATED FOR THIS PURPOSE TO THE WEST OF THE FARM NEAR THE ENTRANCE ROAD.



- LEGEND:**
- EXISTING CADASTRAL BOUNDARIES
 - EXISTING ROADS
 - MILKWOOD TREES
 - CRITICAL BIODIVERSED AREAS
 - NON-PERENNIAL STREAMS
 - NEW GRANVEL ACCESS ROADS
 - NEW INTERNAL ELECTRICAL CABLES
 - NEW PROPOSED WFG FOOTPRINTS
 - TURBINE PLATFORMS
 - BENCHMARKS AS PEGGED ON SITE
 - HERITAGE SENSITIVE AREAS (FRACTURES SHELLS AND ROCKS)
 - CUT & FILL
 - POSSIBLE AREA FOR TOPSOIL (15x15m)

DRAWING NUMBER CODES

| DISCIPLINE | SUBDIVISION NO. | STATUS |
|-----------------|--------------------|--------------------|
| BP = BENCH | 15 = LAYOUT | FOO = FOR COSTING |
| PA = PATTERNS | X3 = CROSS SECTION | ONL = ONLY |
| EL = ELECTRICAL | DET = DETAILS | REV = REVISION |
| SM = STRUCTURE | SA = APPROXIMATE | CON = CONSTRUCTION |
| BSS = BUILDINGS | ASB = AS BUILT | |
| LN = LINE | | |

REVISIONS

| NO. | BY | REVISION | DATE |
|-----|-----|------------------------------------|---------------|
| 01 | SEB | CONSTRUCTION | 00/18/04/2012 |
| 02 | SS | ADD WATER PIPES AND ELEC POLES O/H | 01/20/04/2012 |
| 03 | SS | | |
| 04 | SS | | |
| 05 | SS | | |
| 06 | SS | | |
| 07 | SS | | |
| 08 | SS | | |

PROJECT MANAGER: DATE: _____

DESIGNED: Stephen Schulte DATE: 08/05/2012

CHECKED: DATE: 08/05/2012

PROJECT DIRECTOR: DATE: _____

AE AERI-COAST ENGINEERS

One, Royal Network Street
Central, Port Elizabeth, 6001
P.O. Box 5194
Mkandakodas
Tel: +27 (41) 506-8000
Fax: +27 (41) 506-3457
aericoast.com

METROWIND (PTY) LTD

PROJECT: 27 MW VAN STAKENS WIND FARM

TITLE: SITE DEVELOPMENT PLAN FOR VAN STAKENS WIND FARM

BRM DRAWING NUMBER: 1556-001-101-002-01 REV B

DRAWING NUMBER: P9103-RD-CA-02

SCALE: 1:5000

PROJECT No. DISCIPLINE: SUB No. DWG No. STATUS REGION

APPENDIX 3: NATURE OF DESTRUCTION

The proposed development includes the construction of nine turbines and associated infrastructure which are to be positioned approximately 250m apart. Each turbine has a footprint of approximately 100m x 40m in extent to allow a turning point for trucks during the construction phase. Access roads, approximately 10m wide, will be constructed to connect the turbines from the main access road. Shell surface scatters, stone artefacts and the faunal occurrence identified in the area between turbines S05, S06 and S07 will be destroyed and/or damaged via construction of internal access roads linking these turbines.

APPENDIX 4: LANDOWNER CONSENT

Olbro Farming Trust
c/o Friedman Scheckter
PO Box 27796
Greenacres
6057
9 May 2012

The Project Director
Metrowind
P O Box 5104
Walmer
6065
Attention: Mr. J. Mc Gillivray

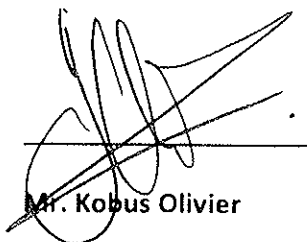
Dear Sir,

METROWIND VAN STADENS WINDFARM DEVELOPMENT: AUTHORITY TO SIGN ALL SUBMISSIONS RELATING TO SITE DEVELOPMENT PLANS AND BUILDING PLANS IN RESPECT OF THE METROWIND VAN STADENS WIND FARM DEVELOPMENT ON ERF 594, VAN STADENS, PORT ELIZABETH.

It is hereby certified that Mr John Mc Gillivray, Project Director for Metrowind, has authority to sign all documents and drawings for submission on behalf of **OLBRO FARMING TRUST** (registration No IT1752/98) relating to the submission of Site Development Plans & Building Plans for the proposed development.

Any queries in this regard may be addresses to the undersigned.

Yours faithfully



Mr. Kobus Olivier

Trustee: Olbro Farming Trust