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Your ref: ROD ID: 610/Case ID 492

2009-10-12

Heritage Western Cape
Private Bag X9067
Cape Town
8001

Attention: Nicholas Wiltshire

RE: DESIGN & IMPLEMENTATION OF THE STORMWATER MASTER PLAN FOR PRINGLE BAY, OVERSTRAND, OVERBERG.

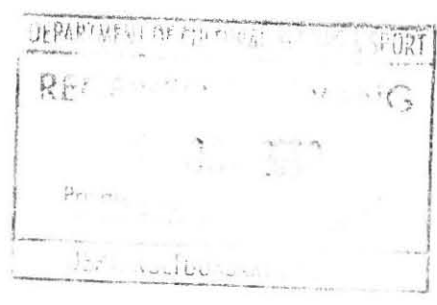
Your letter dated 10 September 2009, refers.

Attached please find the Archaeological Impact Assessment prepared by Pro-Active Archaeology dated 12 October 2009.

We trust that you will find this in order and please do not hesitate to communicate any issues in this regard.

Yours truly

pp. L. Slabbert
PAUL SLABBERT



PHASE 1 ARCHAEOLOGICAL IMPACT
ASSESSMENT FOR PROPOSED MASTER
STORM WATER DRAINAGE SYSTEM
PRINGLE BAY, OVERSTRAND
MUNICIPALITY

For

PHS consulting

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12 October 2009

Prepared by

Proactive Archaeology

EXECUTIVE SUMMARY

PHS Consulting requested a phase 1 archaeological impact assessment of areas of Pringle Bay, Overstrand Municipality, prior to the establishment of a master storm water drainage plan, in fulfillment of the requirements of Section 38 of the National Heritage Resources Act (No 25 of 1999).

No significant heritage resources that require mitigation or permit before development may take place were found. This report provides the necessary mapping, documentation and photographs of the proposed development area. It is recommended that the development of the proposed area go ahead provided that, should any archaeological material be found during development (i.e. clearing of the area of ground cover, excavation activities), the archaeologists should be notified immediately. All work must cease until an archaeologist determines the significance of the finds.

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1. BACKGROUND INFORMATION ON THE PROJECT

PHS Consulting requested a phase 1 archaeological impact assessment of areas of Pringle Bay, Overstrand Municipality, prior to the establishment of a master storm water drainage plan, in fulfillment of the requirements of Section 38 of the National Heritage Resources Act (No 25 of 1999). Until recently most of the storm water drainage infrastructure of Pringle Bay has been ad hoc. The proposal is to formalise the drainage infrastructure in certain key areas, thus mitigating the impact of storm water flooding. Four core areas have been identified (Figure 1), discussed below. These areas were investigated by Pro-Active Archeology.

Legislation and terms of reference

The national legal framework for the protection and management of the cultural environment is the National Heritage Resources Act (NHRA) Act No. 25 of 1999, and also the legal and policy frameworks aimed at the protection of the environment, e.g. the Environment Conservation Act (ECA) (Act No. 73 of 1989) and associated EIA regulations and the National Environmental Management Act (NEMA) (Act No. 107 of 1998). Section 38 of the NHRA requires heritage assessments as a stand-alone or as a specialist component of the EIA process.

2. DESCRIPTION OF THE PROPERTY & METHODOLOGY

The property as recorded on the 1:50 000 3418 BD Hangklip (Figure 2). Pringle Bay can be accessed via the R44 either from Gordon's Bay or Kleinmond.

A foot and windscreen survey of the core areas was undertaken. The survey took place on Wednesday 7 October 2009 for about 5 hours. GPS readings were taken using a Garmin GPS60 (map datum WGS84) with an accuracy of 3 meters. The areas are characterised by marshland and due to recent heavy rainfall most areas were underwater. Dense indigenous vegetation and alien growth also affected visibility. The area is residential and accessibility was hampered by houses.

Core Area 1: Public land near the church, bounded by Pass Road on the west and Highlevel Way to the south. Primarily marshland (Figure 3), it has been proposed that this area be developed into retaining dams. This area extends northward along Central Road. At the Hangklip Road intersection two alternative routes have been proposed. Route 1 turns west into Hangklip Road and then northward into Vals Baai Road. Route 2 continues northward from Central Road before turning

west into Boundary Road, then northward again into Vals Baai Road (Figure 4). Here the route continues northward to Beach Road and drains into the sea (Figure 5). The proposal is to develop canals along the side of the roads to as storm water channels. In the case of severe flooding the roads will serve as overflows, channeling the water away from houses.

Core Area 2: Follows Stream Road from its southern extent (Figure 6) into Buffels Road. It is proposed to develop canals along side the road ways to control storm water drainage before draining the water into the marshland north of Buffels Road (Figure 7)

Core Area 3: This area comprises two discrete sections. The first is a proposed canal along South Road, draining into the sea (Figure 8). The second is a canal to be developed along Point Way, also draining into the sea (Figure 9).

Core Area 4: This area lies on the eastern outskirts of Pringle Bay and comprises parts of Carla, Ceasar, Denise, Edward and Casper Roads. The developers propose a canal system, draining into the marshland north of Casper Road (Figure 10).

3. DESCRIPTION OF THE SITE

In terms of archaeological context, the areas surveyed in Pringle Bay are highly disturbed, either by residential buildings and gardens or road infrastructure. The area surveyed covers the following points: (See also Figure 11)

Waypoint	Point on map	S	E	ASL (m)	Comment	Area
49	1	34°21.126'S	18°49.876'E	18	Common – marshland near church	1
50	2	34°21.109'S	18°49.792'E	20	Common – marshland near church	1
51	3	34°21.109'S	18°49.779'E	20	Common – marshland near church	1
52	4	34°21.108'S	18°49.768'E	16	Common – marshland near church	1
53	5	34°21.103'S	18°49.727'E	20	Common – marshland near church	1
54	6	34°21.181'S	18°50.305'E	35	Top of Stream Rd	2
55	7	34°20.927'S	18°50.026'E	21	Top of Buffels Rd	2
56	8	34°20.915'S	18°50.131'E	20	Stream	2
57	9	34°20.764'S	18°50.147'E	13	Stream	2
58	10	34°20.701'S	18°50.115'E	10	Stream & rebuilt rd	2
59	11	34°20.588'S	18°50.106'E	3	Core area, bottom of Buffels Rd	2
60	12	34°20.601'S	18°50.096'E	6	Core area boundary	2
61	13	34°20.548'S	18°50.101'E	5	marshland	2
62	14	34°20.555'S	18°50.144'E	5	marshland	2
63	15	34°20.584'S	18°50.140'E	6	Bulldozed marshland	2
64	16	34°20.494'S	18°49.877'E	3	Beach	1
65	17	34°20.920'S	18°49.629'E	9	T-junction	1
66	18	34°21.286'S	18°49.039'E	2	Core area – 3	3
67	19	34°20.911'S	18°48.699'E	9	Proposed outlet point	3
68	20	34°21.009'S	18°49.024'E	12	Circle	3
69	21	34°20.848'S	18°49.533'E	3	Proposed outlet point	1
70	22	34°20.809'S	18°49.560'E	3	Proposed outlet point	1
71	23	34°20.860'S	18°50.757'E	45	Top of core area 4	4
72	24	34°20.754'S	18°50.597'E	30	open veld	4
73	25	34°20.712'S	18°50.607'E	27	Marshland – proposed outlet point	4

4. STATEMENT OF SIGNIFICANCE

No sites of archaeological significance were identified. This does not rule out the presence of archaeological remains.

5. FIELD RATING

g) Generally Protected C: this site has been sufficiently recorded. It requires no further recording before destruction (generally Low significance).

6. RECOMMENDATIONS

Should any archaeological material be found during excavation or rehabilitation of the property, the archaeologists should be notified immediately. All work must cease until an archaeologist determined the significance of the finds.

8. FIGURES

Figure 1: Four Core areas identified for development



Figure 2: 1:50 000 3418 BD Hangklip

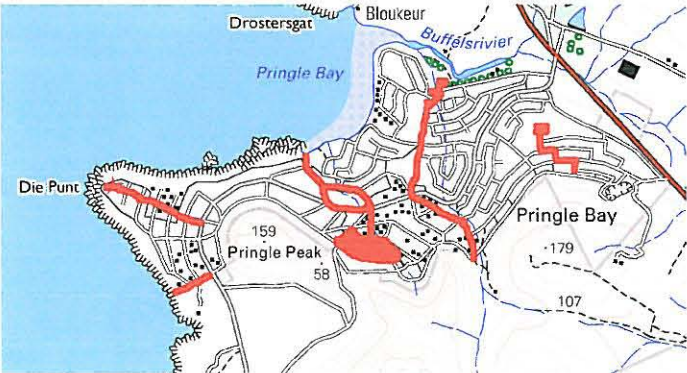


Figure 3: Core Area 1 – Marshland



Figure 4: Core Area 1 – Intersection



Figure 7: Core Area 2: Buffels Road – marshland



Figure 8: Core Area 3: South Road – outlet to sea

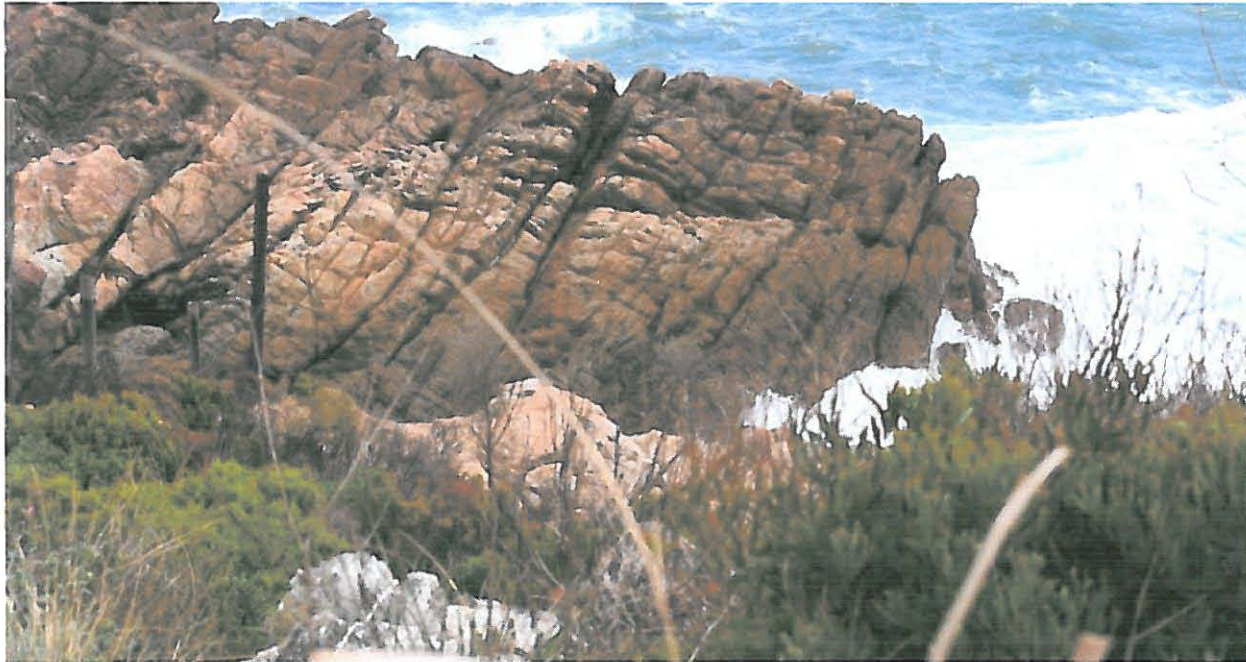


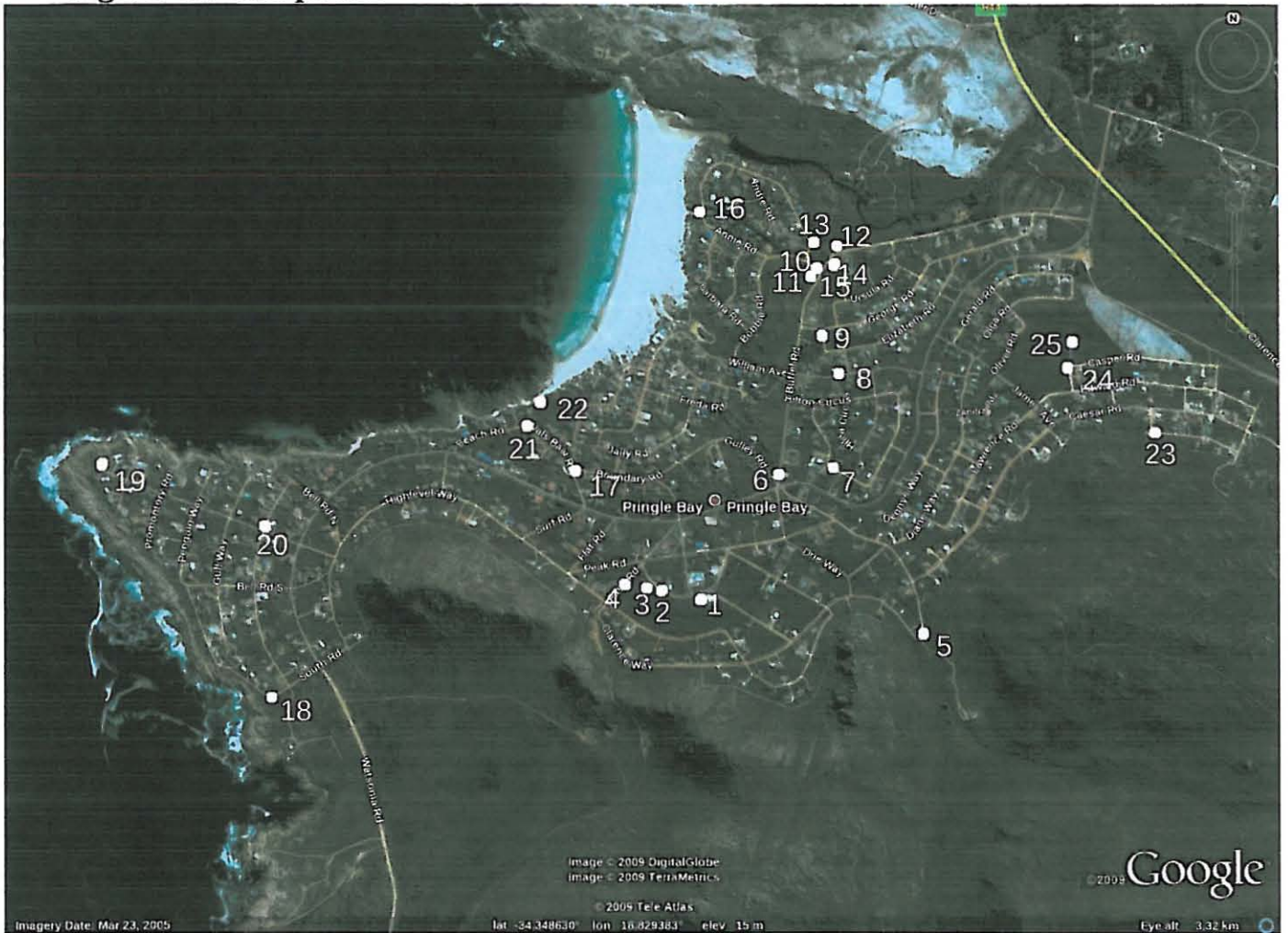
Figure 9: Core Area 3: Point Way – outlet to sea



Figure 10: Core Area 4: marshland



Figure 11: GPS points



APPENDIX: FIELD RATING CRITERIA

(Minimum Standards, Heritage Western Cape, April 2006)

- a) National: This site is considered to be of Grade I significance and should be nominated as such.
- b) Provincial: This site is considered to be of Grade II significance and should be nominated as such.
- c) Local: this site is of Grade IIIA significance. Mitigation as part of the development process is not advised. The site should be retained as a heritage site (High significance).
- d) Local: this site is of Grade IIIB significance. It should be mitigated and (part) should be retained as a heritage site (High significance).
- e) Generally Protected A: this site should be mitigated before destruction (generally High/Medium significance).
- f) Generally Protected B: this site should be recorded before destruction (generally Medium significance).
- g) Generally Protected C: this site has been sufficiently recorded. It requires no further recording before destruction (generally Low significance).