

Archaeological and Heritage Impact Assessment

Title: Farm Klipland, Remainder of Erf 14995 Division of Paarl.

Proposal to develop a new residential area on agricultural land, on the urban edge of Paarl, Western Cape. The property is adjacent to the N1 and adjoins the Boland Park, Paarl Sports Stadium.

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Local Authority: Drakenstein Municipality

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Figure 1. Location of the Erf 14995 development adjoining the N1 on the urban edge of Paarl (S 33°44'33.6": E 19°00'10.6". 1:50 000 sheets 3319 CA & 3318 DE)

Executive Summary

A heritage survey of the 17.05 ha of land, Farm Klipland, Remainder of Erf 14995, Division of Paarl, to be developed for residential purposes was undertaken. There are no structures on this cultivated agricultural land apart from a dam and a small pump house. The terrace cobble and boulder gravels are raw materials that were frequently used for stone artefacts and an Acheulian core and biface were recorded but there is no concentration of artefacts that would constitute a significant occurrence. It is concluded that the development will not have a significant impact on heritage resources.

Background Information

The purpose of the development is to provide additional residential accommodation of apartments blocks and individual erven on the urban edge of Paarl.

This report is part of a Basic Assessment EIA process. The property is zoned as agricultural 1 and rezoning is required.



Figure 2. Satellite image of the property, bordering the N1-it is cultivated lands with a dam. The original ground surface has been disturbed by cultivation.

Archaeological Background

The Paarl area is known for occurrences of Acheulian stone artefacts. The gravels of the Berg River and valley slopes were a source of raw materials for Acheulian and later Stone Age artificers. There is also potential for the occurrence of younger Khoekhoe and Colonial remains in this area.

Description of the property

As the name Klipland indicates the property stretches over gravel terraces and is strewn with cobbles and boulders. The agricultural activities have resulted in considerable subsurface disturbance reducing the possibility of finding cultural remains in context.

Methodology

The property was traversed and exposures and surface disturbances were examined for archaeological and palaeontological materials.

Observations and Results

No palaeontological materials were observed on the property. The cobble and boulder gravels are raw materials used for stone artefacts and an Acheulian core and biface were recorded but there is no concentration of artefacts that would constitute a significant occurrence.

Sources of Risk and Statement of Significance

It is unlikely that development will disturb any buried materials as the gravel substrate predates even the very old Acheulian artefacts found on it.

The risks are considered low and the significance is rated as low.

Recommended Mitigations

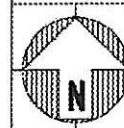
There are no specific recommendations.

A general recommendation is that should any excavations by chance uncover buried palaeontological or archaeological materials including human remains that Heritage Western Cape is notified (Ms Celeste Booth, Heritage Resource Management Services, HWC, Private Bag X9067, Cape Town 8000, Tel:021 483 9743, Fax:021 483 9842, cbooth@pwc.gov.za). Features like burials for example can occur in unpredictable locations.

Fig.3. Development Plan



Subplot	Local Use	Zoning	Units/Density	Area
Flats	Res IV	411	100u/ha	4.3ha
Townhousing	Res III	82	80u/ha	1.69ha
Grouphousing	Res II	22	25u/ha	1.1ha
Single Res	Res I	88	15u/ha	5.8ha
Workers Housing	Res I	70		3.1ha
Landswap				0.75ha
Buffer Area				1.4ha
Waterbody				1.85ha
TOTAL			668	



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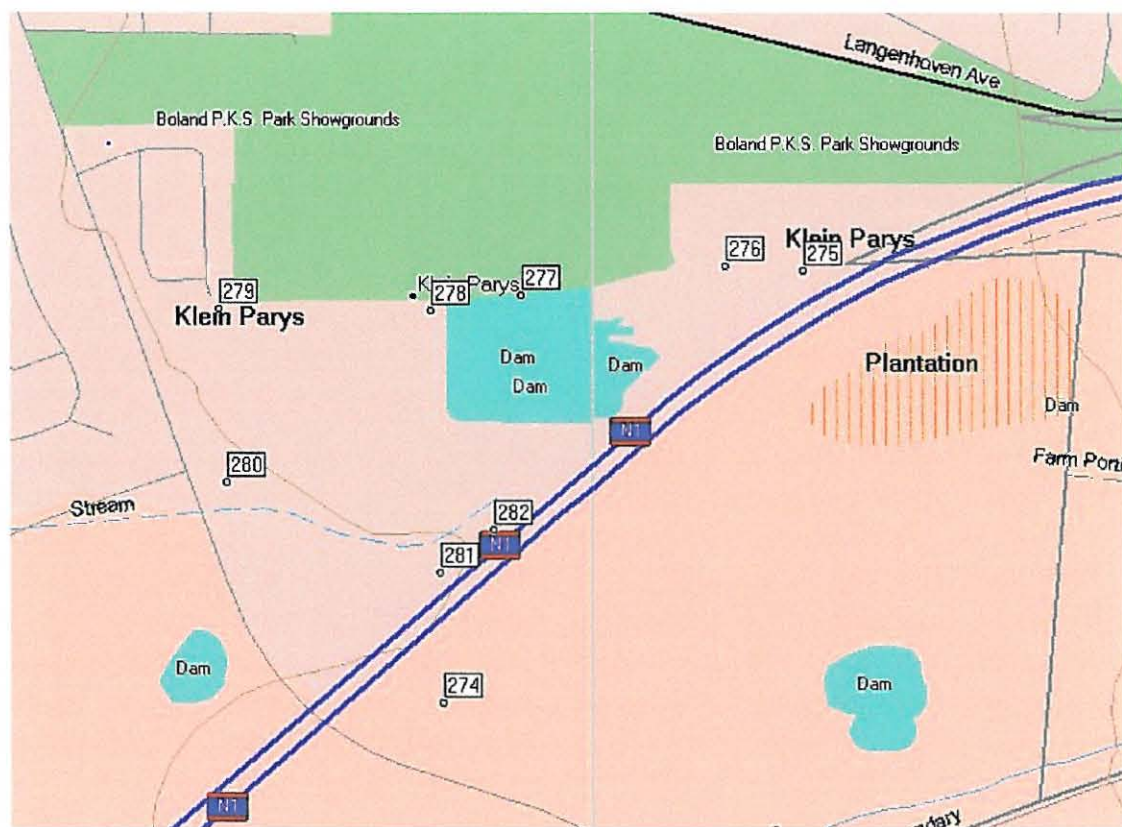


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**SITE DEVELOPMENT PLAN
 REMAINDER ERF 14995, PAARL**

**DRAFT DEVELOPMENT
 PLAN**

DATE/ISSUE	DATE/ISSUE	DATE/ISSUE	DATE/ISSUE
1/1/11	1/1/11	22/04/2008	1:2:500
SHEET NUMBER 11			
12679 - Proposed Subdivision plan			
SHEET NO. 11 OF 11			11
12679 _ DRAFT SDP			1



**Figure 3. GPS plot of waypoints: 275=33°44'33.6"S; 19°00'10.6"E;
 276=33°44'33.4"S; 19°00'06.7"E; 278=33°44'35.3"S; 18°59'51.7"E;
 279=33°44'35.2"S; 18°59'40.9"E; 280=33°44'42.5"S; 18°59'41.3"E;
 281/282=33°44'46.4"S; 18°59'53.0"E (artefacts)**