

**AGENDA of the
Portfolio Committee : Infrastructure & Planning
20 March 2018
(Also the agenda for the Mayoral Committee Meeting 28 March 2018)**

**5.
HERMANUS: MOUNT PLEASANT INTEGRATED RESIDENTIAL DEVELOPMENT:
TECHNICAL CLOSE OUT REPORT**

17/5/5/2/17

A Jacobs

(028) 313 5075

Hermanus Administration

16 February 2018

1. Executive Summary

This report serves to inform Council that the Mount Pleasant low-income housing project in Mount Pleasant, Hermanus, consisting of the servicing of 200 sites and construction of 172 subsidised houses on the serviced erven, has been completed and that hand overs to the beneficiaries have been concluded successfully.

2. Service Delivery and Budget Implementation Plan - IGNITE

Directorate: Infrastructure & Planning

3. Compliance with Strategic Priorities

Provision of democratic, accountable and ethical governance

Provision and maintenance of municipal services

Creation and maintenance of a safe and healthy environment

The encouragement of structured community participation in the matters of the municipality

Promotion of tourism, economic and social development

4. Delegated Authority

None

5. Legal Requirements

Constitution of the Republic of South Africa, 1996

Housing Act, 1997 (Act 107 of 1997)

National Housing Code, 2009

Local Government: Municipal Finance Management Act, 2003 (Act 56 of 2003)

Local Government: Municipal Systems Act, 2000 (Act 32 of 2000)

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6. Background/Discussion/Evaluation/Conclusion

Conditional approval for the installation of civil services for the Mount Pleasant project which comprised of 200 sites (172 low-income erven and 22 affordable housing erven), releasing only funding for pre-planning studies, was received from the Department of Human Settlements (DoHS) during February 2013 and planning approval (LUPO) was received from Council during May 2014. Copies are attached as Annexures A & B, respectively.

The formal Resolution enabling the commencement of installation of civil services was received from DoHS during October 2014 and a copy is attached as Annexure C. A Site Availability Agreement was entered into between the Implementing Agent (Motlekar Overstrand) and the Municipality during November 2014 for the installation of civil services. Practical completion of the civil services was obtained on 30 June 2015.

An application for the construction of 172 top structures was submitted to DoHS during February 2015 and approval for 172 top structures was received during August 2015. A copy of the Resolution is attached as Annexure D.

A Top Structure construction agreement was entered into between the Motlekar Overstrand and the Municipality during September 2015 and construction of the top structures was completed during June 2016. All houses have been handed over to the beneficiaries. Registration of Title Deeds is now in process.

The project has now been completed, only the registrations and transfers are still in progress. A copy of the final Close Out Report, is attached as Annexure E, for your perusal.

7. Financial Implications

Funding approval for the project was received from the Department of Human Settlements and can be summarised as follow:

Services:	R10 427 768.00
172 Top Structures:	<u>R20 871 021.00</u>
Total Project Cost:	<u>R31 298 789.00</u>

Copies of the Resolutions are attached as Annexures C & D, respectively.

8. Staff Implications

None

**AGENDA of the
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9. Comments from other Departments, Divisions and Administrations

Community Services Directorate: Housing Manager: Mr Frankie Frans

“Beneficiary Administration

On 26 August 2015 Council approved a “Housing Selection Policy for Beneficiaries in Ownership-based Project” as prescribed by the Provincial Department of Human Settlements (DoHS) in terms of Circular 10/2015. The mentioned circular outlined the selection of beneficiaries based on the following criteria:

- The 90/10 rule which means that 90% of the housing opportunities of the project component be reserved for applicants resident in the catchment area and 10% reserved for applicants across the other catchment areas, such as Hawston, Zwelihle, etc.;*
- Selection according to the registration date of the households;*
- Selection of households affected by disabilities (5% quota);*
- Selection according to the age of an adult above 60 years old in the core of the household (15% quota); and*
- Selection of households according to registration of farmworkers (5% quota).*

The first handovers of the BNG houses took place on 15 April 2015 and the last during March 2017.”

10. Annexures

- Annexure A: Conditional Approval
- Annexure B: Council LUPO approval
- Annexure C: Final DoHS Services Resolution
- Annexure D: Top Structure Resolution
- Annexure E: Final Close Out Report

RECOMMENDATION TO THE COUNCIL:

that it **be noted** that the Mount Pleasant Integrated Residential Development project in Mount Pleasant, Hermanus, consisting of 172 subsidised houses and 22 serviced sites, has been completed and that the houses have been handed over to the beneficiaries.

RESPONSIBLE OFFICIAL :	A JACOBS
TARGET DATE FOR IMPLEMENTATION :	28 MARCH 2018
TARGET DATE TO INFORM APPLICANT:	N/A
TARGET DATE TO INFORM OBJECTOR:	N/A

**AGENDA of the
Portfolio Committee : Infrastructure & Planning
20 March 2018
(Also the agenda for the Mayoral Committee Meeting : 28 March 2018)**

**5.
HERMANUS: MOUNT PLEASANT INTEGRATED RESIDENTIAL DEVELOPMENT:
TECHNICAL CLOSE OUT REPORT**

17/5/5/2/17

A Jacobs

(028) 313 5075

Hermanus Administration

16 February 2018

**THIS MATTER SERVED BEFORE THE JOINT PORTFOLIO COMMITTEE ON
20 MARCH 2018, WHICH COMMITTEE RECOMMENDED AS FOLLOWS:**

RECOMMENDATION TO THE COUNCIL:

that it **be noted** that the Mount Pleasant Integrated Residential Development project in Mount Pleasant, Hermanus, consisting of 172 subsidised houses and 22 serviced sites, has been completed and that the houses have been handed over to the beneficiaries.

RESPONSIBLE OFFICIAL :

A JACOBS

TARGET DATE FOR IMPLEMENTATION :

28 MARCH 2018

TARGET DATE TO INFORM APPLICANT:

N/A

TARGET DATE TO INFORM OBJECTOR:

N/A

SUPPORTED/SUPPORTED AS AMENDED
 NOT SUPPORTED/REFERRED BACK/
 WITHDRAWN/DEFERRED/NOTED
 ITEM NO. 5.2.9
 MEETING: 4TH
 DEPARTMENTAL PROJECT ASSESSMENT COMMITTEE
 DATE: 16 APRIL 2013

~~CONFIRMED/CONFIRMED AS AMENDED/
 REFERRED BACK/WITHDRAWN/
 DEFERRED/NOTED~~


 ACTING: HEAD OF DEPARTMENT: HUMAN SETTLEMENTS
 MR R RUGHUBAR
 DATE: 30 MAY 2013

13/122. THE ACTING HEAD OF DEPARTMENT: HUMAN SETTLEMENTS CONFIRMS THE APPROVAL OF 23 MAY 2013 FOR OVERSTRAND MUNICIPALITY: MOUNT PLEASANT EXTENSION 2 IRDP HOUSING PROJECT: 301 SITES: APPLICATION FOR (i) PLANNING APPROVAL (ii) TRANCHE PAYMENT 1.1 IN TERMS OF THE INTEGRATED RESIDENTIAL DEVELOPMENT PROGRAMME (IRDP). REF.NO. 16/1/1/2047/3098

Resolved that approval be granted for :

- (a) The Mount Pleasant Extension 2 Housing application, consisting of 301 sites in terms of the Integrated Residential Development Programme (IRDP) in the subsidy amount of R 342 538.00 (based on interim 2013/2014 subsidy quantum);
- (b) The release of Tranche Payment 1.1 in the amount of R 342 538.00
- (c) The Developer to submit a Phase 1 Geo-technical Report in accordance with the new Chapter 3 of the National Housing Code, carried out by a competent person to assess the site for development and to determine the extent of additional subsidy variation, if any;
- (d) The Developer to submit a proper motivation and breakdown of costs to substantiate an application for an additional Geo-technical variation;
- (e) The Developer to comply with all relevant Environmental and Town Planning Legislation and to ensure that all relevant environmental authorisations are obtained prior to construction;
- (f) The Developer to provide details regarding the Expanded Public Works Programme (EPWP) compliance in respect of the installation of services and the construction of the top structures and the project to comply with EPWP reporting and implementation requirements as determined by the policy, which will be included in the contract amount; and



Navrae:
Enquiries: H Olivier (Town Planner)

Leëverwysing:
File Reference: Erf 243 (Site A & B) HMP (2441)

Datum:
Date: 8 May 2014

TOWN PLANNING / STADSBEPLANNING
HERMANUS

Messrs Urban Dynamics Western Cape
PO Box 2445
BELLVILLE
7535

REGISTERED MAIL

Dear Sirs

PORTIONS OF ERF 243, MOUNT PLEASANT, HERMANUS, OVERSTRAND MUNICIPAL AREA : PROPOSED AMENDMENT OF OVERSTRAND MUNICIPAL WIDE SPATIAL DEVELOPMENT FRAMEWORK, REZONINGS, SUBDIVISIONS AND DEPARTURES FOR HOUSING PROJECTS

With reference to your application regarding the above dated 18 October 2013 it is hereby confirmed that the matter was considered by the Mayoral Committee during a meeting held on 30 April 2014, and that it was resolved as follows:

RESOLVED:

- A** that the recommendation for the application (Site A) involving a portion of Erf 243, Hermanus (next to Mount Pleasant cemetery) is as follows:
1. that in terms of Sections 25 of the Land Use Planning Ordinance, 1985 (Ordinance 15 of 1985) the subdivision of Erf 243, Hermanus to create a new site (Site A) of approximately 4,07 ha and a Remainder, be approved; and
 2. that in terms of Section 16 and 25 of the Land Use Planning Ordinance, 1985 (Ordinance 15 of 1985) the rezoning of the above-mentioned portion of Erf 243, Hermanus (approximately 4,07 ha) to subdivisional area, and the subdivision thereof into 172 Residential Zone I erven, 3 Open Space Zone II (public open spaces) portions, 1 Business Zone II erf and 2 Transport Zone II (public road) portions, be approved.
- B** that the recommendation for the application (Site B) involving a Portion of Erf 243, Hermanus (next to Mount Pleasant Sports Grounds), is as follows:
1. that in terms of Section 16 and 25 of the Land Use Planning Ordinance, 1985 (Ordinance 15 of 1985) the rezoning of a portion of Erf 243, Hermanus (approximately 0,74 ha), which was created out of a previous subdivisional approval, to subdivisional area and the subdivision thereof to create 22 Residential Zone I erven, 2 Open Space Zone II (public open space) portions and 2 Transport II (public road) portions, be approved.

- C** that the approvals in A and B above, be subject to the following conditions:
1. (a) that all the conditions imposed by the Heritage Western Cape in their letter dated 30 November 2013, be complied with;
 - (b) that all the conditions imposed by Eskom in their letter dated 22 November 2013, be complied with;
 - (c) that all the conditions imposed by Telkom in their letter dated 13 December 2013, be complied with;
 - (d) that all the conditions in the Municipal Services Report, be complied with;
 - (e) that all the conditions of the Department of Transport in their letter dated 31 January 2014) be complied with;
 - (f) that this approval does not absolve the applicant from compliance with any other relevant legislation;
 - (g) that all other development parameters as prescribed in the relevant Zoning Scheme be complied with;
 - (h) that a boundary wall of minimum 1,8m in height be constructed between the residential development and the business site on Site A, and also between the residential development and Schulphoek Road;
 - (i) that boundary walls be constructed for all residential erven and washing lines be provided for such erven on Site A and B, to the satisfaction of the Senior Manager: Town Planning; and
 - (j) that a layout plan be submitted showing the placement of the units and unit type (single or double storey) of the new residential units, prior to the building plan submission phase.
- D** that in terms of Section 15 of the Land Use Planning Ordinance, 1985 (Ordinance 15 of 1985) the application for the relaxation of the 4m street building lines to 2m and the relaxation of the 2m lateral building lines to 0m on new residential erven as mentioned in A and B above, to accommodate semi-detached dwellings on such residential erven, be approved.

RECOMMENDATION TO THE COUNCIL:

that the application for the amendment of the Overstrand Municipal Wide Spatial Development Framework, 2006 to change the reservation of a portion of Erf 243, Hermanus from residential to commercial, be approved."

The abovementioned recommendation to Council was also tabled and adopted by Council on 30 April 2014.

Your attention is drawn to your right of appeal to the Overstrand Municipality in terms of Section 62 of the Act on Local Government: Municipal Systems Act, 2000 (Act 32 of 2000) within 21 days of date of registration of this letter. It needs to be noted, however, that the Council has resolved that all appeals in terms of Section 62 of the Local Government: Municipal Systems Act, 2000 (Act 32 of 2000) must be accompanied with a deposit of R2120.00, which deposit is refundable in total should the appeal be upheld.

Yours faithfully



PP **G MÜLLER**

DIRECTOR: INFRASTRUCTURE & PLANNING

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Our Ref: HM/OVERBERG/IOVERSTRAND/HERMANUS/MOUNT PLEASANT

Enquiries: Guy Thomas
 Tel: 021 483 9685
 Email: guy.thomas@westerncape.gov.za

Date: 20 November 2013
 Case No: 131001GT04
 Auto IDs: 2390 - 2709



RESPONSE TO NOTIFICATION OF INTENT TO DEVELOP
 In terms of section 38(8) of the National Heritage Resources Act (Act 25 of 1999)
 and the Western Cape Provincial Gazette 6061, Notice 298 of 2003

Attention: Mr Charl Cilliers
 Withers Environmental Consultants
 PO Box 6118
 Uniedal
 7612

CASE NUMBER: 131001GT04
NID PROPOSED MOUNT PLEASANT HOUSING DEVELOPMENTS ON REMAINDER OF ERF 243, OVERSTRAND MUNICIPAL DISTRICT, HERMANUS WESTERN CAPE.

The matter above has reference.

Your NID dated 27 September 2013 was tabled and the following was discussed:

1. The development is intended to occur on two sites.
2. The Sports Field site is 7383m² and the Cemetery Site is 40700m².
3. The sites will be rezoned.
4. The proposed buildings will be primarily single and double storey dwellings.
5. The Cemetery Site will have around 115 single storey units, and 57 double storey units.
6. The Sports Field site will have around 22 units.

Decision:

1. You are hereby notified that, since there is no reason to believe that the proposed development will impact on heritage resources, further processes under Section 38 of the National Heritage Resources Act (Act 25 of 1999) do not apply.

Terms and Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for the proposed work.
2. If any heritage resources, including archaeological material, palaeontological material, graves or human remains, are encountered work must cease and they must be reported to Heritage Western Cape immediately.
3. Heritage Western Cape reserves the right to request additional information as required.

Should you have any further queries, please contact the official above and quote the case number above.

Yours faithfully

Andrew B Hall
 Chief Executive Officer
 Heritage Western Cape





TP

OVERSTRAND MUNICIPALITY
P.O. Box 20
HERMANUS
7200

Date:
22.11.2013

Enquiries:
Mr Shaun Swanepoel
Tel: 021 980 3913
Fax: 021 980 3053

HERMANUS ADMINISTRATION

Attention: S. Müller

OVERSTRAND MUNICIPALITY – PORTIONS OF ERF 243, HERMANUS (AREAS A AND B MOUNT PLEASANT): OVERSTRAND MUNICIPALITY AREA: PROPOSED AMENDMENT OF THE OVERSTRAND MUNICIPAL WIDE SPATIAL DEVELOPMENT FRAMEWORK, REZONINGS, SUBDIVISIONS AND DEPARTURES FOR HOUSING PROJECTS.
YOUR REF: PTN OF ERF 243 HERF (244) (2441)
OUR REF: 02024/13

I refer to your letter dated 19 November 2013 we would like to comment as follows.

Eskom has no objection to the proposal provided that the following requests are adhere to:

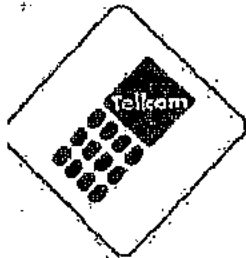
1. Should it be necessary to relocate / lower any of the existing Eskom services for possible future needs of applicant at least 3 months notice in writing is required and the cost will be entirely for the account of the Developer.
2. Eskom's right on the properties not to be affected.

Yours faithfully

SHAUN SWANEPOEL
LAND DEVELOPMENT (BRACKENFELL)

FILE NO:	ERF 243
SCAN NO:	
COLLABORATOR NO:	567494





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Network Infrastructure Provisioning

Telkom SA SOC Limited
10 Jan Smuts Drive
Pinelands 7404

Tel: +27 (21) 414-5614
Fax: +27 (086) 021 414-5614
E-mail: Peterson2@telkom.co.za
Enquiries: #hiam Peters

Our Ref: WHMN8420/13
Your Ref: Ptn. of erf 243 Her (2441)

TP

13 December 2013

Attention: Mr H Olivier

OVERSTRAND MUNICIPALITY
TOWN PLANNING
P O BOX 20
HERMANUS
7200

FILE NO:	<i>Ptn of erf 243</i>
SCAN NO:	
COLLABORATOR NO:	<i>576676</i>

Dear Sir / Madam

RE: TELKOM WAYLEAVE: PTN OF ERF 243, HERMANUS AREAS A AND B MOUNT PLEASANT

With reference to your letter dated 14 November 2013.

I hereby inform you that Telkom approves the proposed work indicated on your drawing in principle. This approval is valid for 12 months only, after which reapplication must be made if the work has not been completed.

Any changes or deviations from the original planning during or prior to construction must immediately be communicated to this office.

Approval is granted, subject to the following conditions.

It would appear that Telkom SA LTD Infrastructure will not be affected. However, care should still be taken should it be evident that there is in fact Telkom network present on the actual sites.

Please notify this office immediately if you locate any Telkom plant that was not indicated.

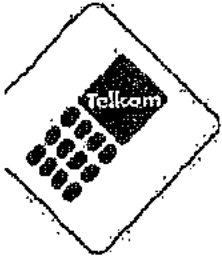
Please contact our representative FRECK SWART at telephone number 028-5141199/ 081 3637815 at least 48 hours prior of commencement on construction work.

It would be appreciated if this office can be notified within 30 days of completion of the construction work. Confirmation is required on completion of construction as per agreed requirements.

TP

13 DEC 2013

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Should Telkom SA infrastructure be damaged while work is undertaken, kindly contact our representative immediately.

All Telkom SA LTD rights remain reserved.

Yours faithfully

for
Operations Manager
Wayleave Management: Western Region

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**COMMENTS FROM THE ENGINEERING SERVICES DEPARTMENT FOR:
APPLICATION FOR THE PROPOSED AMENDMENT OF THE
OVERSTRAND WIDE SPATIAL DEVELOPMENT FRAMEWORK,
REZONINGS, SUBDIVISIONS AND DEPARTURES, AREA A & B, MOUNT
PLEASANT**

Water	:	According to GIS report
Sewer	:	According to GIS report
Roads and traffic	:	According to TIA
Stormwater (SW)	:	See conditions 9, 10 & 11
Electricity	:	In order

Conditions:

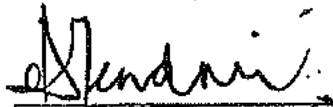
1. that the developer (Overstrand Municipality) at his cost constructs the internal municipal civil and electrical services for the development as well as any link or bulk municipal services that need to be provided;
2. that servitudes for municipal services be registered in respect of all main services to be taken over by the developer and all existing municipal services concerned, crossing private property;
3. that a plan of all existing services be submitted to the Director: Infrastructure and Planning, by the developer and that any of the services that need to be relocated, be done by the developer at his cost to the satisfaction of the Director: Infrastructure and Planning:
 - 3.1 way-leaves must be obtained from the Operational Manager;
 - 3.2 such way-leaves to be obtained prior to any excavation on public property or property where existing services are located;
4. that plans of all the internal municipal civil and electrical (high and low voltage supply) services and such link services as required by the Director: Infrastructure and Planning, prepared by an ECSA registered professional engineer/technologist, be submitted to the Director: Infrastructure and Planning for his prior approval;
5. the "Guidelines for the Provision of Engineering Services in Residential Townships" (Blue Book), SABS 1200 specifications and the Design and Construction Standards for civil and electrical services of the Council to be used as the standard design and construction criteria with which such plans must comply;
6. the Director: Infrastructure and Planning to be notified in writing of all deviations from the Standard Design and Construction Criteria when plans are submitted for his approval and such deviations to be

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- separately approved in writing by the Director: Infrastructure and Planning;
7. the successful completion of such works to be supervised and certified by an independent professional civil engineer/technologist i.e. a professional civil engineer/technologist who has no direct financial interest in the development, other than payment as standard professional fees for the work concerned; and
 8. such independent professional civil engineer/technologist to furnish the Director: Infrastructure and Planning with satisfactory proof of his professional indemnity insurance to an amount which shall not be less than that required by the SAACE and which insurance shall be valid for the relevant contract and maintenance period;
 9. that a stormwater management plan, which may include attenuation facilities to ensure that the pre-development run-off is not exceeded and that erosion and pollution is minimised, be submitted to the Director: Infrastructure and Planning for approval and that the approved management plan be implemented by the developer at his cost to the satisfaction of the Director: Infrastructure and Planning;
 10. that the above stormwater management plan include the following:
 - 10.1 pre-development run-off from the catchment area;
 - 10.2 post-development run-off from catchment area;
 - 10.3 existing stormwater reticulation system and the capacity thereof;
 - 10.4 connection of internal stormwater reticulation system;
 - 10.5 overland escape routes.
 11. that the connection to the stormwater reticulation system if any, be provided according to the stormwater management plan;
 12. that a Certificate of Completion together with as-built services plans be provided by the independent professional engineer/technologist to the Overstrand Municipality. As-built plans to be on quality paper, together with a DXF file thereof;
 13. that the Implementing Agent apply for a temporary water connection on the prescribed application form, at Overstrand Municipality's Finance Department, before commencement of construction;

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- 14. that the connection to the main water line only be done by the Operational Department, after payment of the connection fee, by the developer;
- 15. that damage to the existing roads, used as routes for access to the development, for the provision of services, be repaired by the developer.



DENNIS HENDRIKS
SENIOR MANAGER:
ENGINEERING SERVICES

17/12/2013

DATE





ROAD NETWORK MANAGEMENT
 Email: Grace.Swanepoel@westerncape.gov.za
 Tel: +27 21 483 4669 Fax: +27 21 483 2166
 Rm 335, 9 Dorp Street, Cape Town, 8001
 PO Box 2603, Cape Town, 8000

REFERENCE: 13/3/5/1-21/138 (Job 20515)
 ENQUIRIES: Ms GD Swanepoel
 DATE: 31 January 2014

The Municipal Manager
 Overstrand Municipality
 Hermanus Administration
 PO Box 20
 HERMANUS
 7200

Attention: Mr H Olivier

Dear Sir

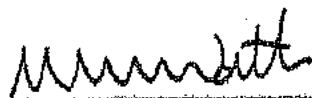
**PORTIONS OF ERF 243, HERMANUS (AREAS A AND B MOUNT PLEASANT) MOUNT PLEASANT:
 OVERSTRAND MUNICIPAL AREA: PROPOSED AMENDMENT OF THE OVERSTRAND MUNICIPAL
 WIDE SPATIAL DEVELOPMENT FRAMEWORK, REZONING, SUBDIVISIONS AND DEPARTURES FOR
 HOUSING PROJECTS**

1. The following refer:-
 - 1.1 Your letter dated 14 November 2013 with reference Pfn of Erf 243 Her (2441) and
 - 1.2 This Branch's letter dated 26 April 2013 with reference 13/3/5/1-21/138 (Job 20515).
2. Portion of Erf 243 is located adjacent to TR28/1 (R43) and currently takes access from a side road, Matva Street.
3. This application is for the following:-
 - 3.1 Subdivision of Erf 243 to create a new land unit, Area A (4.07ha) and Remainder
 - 3.2 Rezoning of Area A to Subdivisional Area
 - 3.3 Subdivision of Area A into:-

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- 172 Residential Zone I erven
 - 3 Open Space Zone I (Public Open Space) portions
 - 1 Business Zone II erf
 - 2 Transport Zone II (Public Road) portions
- 3.4 Rezoning of Area B (±0.74ha) to Subdivisional Area (previously subdivision application)
- 3.5 Subdivision of Area B into:-
- 22 Residential Zone I erven
 - 2 Open Space Zone I (Public Open Space) portions
 - 2 Transport Zone II (Public Road) portions
4. This Branch has provided comment on the previous application (See letter dated 26 April 2013), which offered no objection subject to certain conditions.
5. This Branch therefore offers no objection to the amendment application in terms of the Land Use Planning Ordinance, Ordinance 15 of 1985, provided the conditions as set out in this Branch's letter dated 26 April 2013 are met.

Yours faithfully



ML WATTERS
For EXECUTIVE MANAGER: ROAD & TRANSPORT MANAGEMENT

ENDORSEMENTS

1. Overstrand Municipality

Attention: Mr H Olivier (e-mail: holivier@overstrand.gov.za)

2. Mr ML Watters (e-mail)

3. Mr B du Preez (e-mail)

4. Mr F Fakler (e-mail)

5. Planning Section

6. Quads (Room 3-35)
-

~~SUPPORTED/SUPPORTED AS AMENDED~~
~~NOT-SUPPORTED/REFERRED-BACK/~~
~~WITHDRAWN/DEFERRED/NOTED~~

ITEM NO. 4.3.6

MEETING: 13TH

DEPARTMENTAL PROJECT ASSESSMENT COMMITTEE

DATE: 07 OCTOBER 2014

~~CONFIRMED/CONFIRMED AS AMENDED/~~
~~REFERRED-BACK/WITHDRAWN/~~
~~DEFERRED/NOTED~~

HEAD OF DEPARTMENT: HUMAN SETTLEMENT

MR T MGULI

DATE:

10/10/2014

14/166. THE HEAD OF DEPARTMENT: HUMAN SETTLEMENT CONFIRMS THE APPROVAL FOR OVERBERG: OVERSTRAND MUNICIPALITY: HERMANUS: MOUNT PLEASANT EXTENSION 2: 200 SITES: APPLICATION FOR CONDITIONAL APPROVAL IN TERMS OF THE INTEGRATED RESIDENTIAL DEVELOPMENT PROGRAMME (IRDP), PROJECT NO. 2047/3098.01

Resolved that approval be granted for the:

- (a) Installation of civil engineering services to 200 sites including land rehabilitation in the subsidy amount of R 10 427 768.00 (based on the 2014/2015 subsidy quantum) as set out hereunder:

CATEGORY	SITES	AMOUNT	SUBSIDY QUANTUM
Services (A-grade)	200	R 8 884 600.00	2014/2015
Land rehabilitation	176	R 1 543 168.00	2014/2015
Total	200	R 10 427 768.00	

- (b) Financial detail of the A-Grade services is indicated below:

CATEGORY	SITES	AMOUNT	TOTAL
Services	200	R 43 626.00	R 8 725 200.00
Geotechnical Variance	200	R 797.00	R 159 400.00
Total	200	R 44 423.00	R 8 884 600.00

NOTE:

An amount not exceeding R44 423.00 per erf be utilised for servicing the residential zoned erven. If this amount is exceeded, the Developer is liable for the difference and not the Beneficiary.

- (c) Financial details of the land rehabilitation

Item	Cost per erf
Remove and grub all trees and tree stumps regardless of girth	R 1 022.73
Compaction to 93% Mod AASHTO (100% for sand) of disturbed subgrade due to removal of large trees	R 3 914.49
Cut-off drain along boundary of cemetery site	R 859.94
SUB-TOTAL	R 5 797.16
Contingencies at 10%	R 579.72
SUB-TOTAL	R 6 376.88
P & G's (25%)	R 1 594.22
TOTAL DIRECT COSTS	R 7 971.10
Professional fees at 10%	R 797.11
SUB-TOTAL	R 8 768.21
TOTAL (R 8 768.00 X 176)	R 1 543 168.00

WITH FURTHER CONDITIONS: -

- (d) A copy of the approved Social Compact Agreement entered into between the Local Authority and the Beneficiaries to be lodged with the Department prior to the signing of the Agreement;

10/10/14

- (e) The Developer to confirm their registration with the NHBRC and the signing of the contract between Developer and the Department is subject to the project receiving NHBRC Project Enrolment;
- (f) The Developer to provide details regarding the EPWP compliance in respect of the installation of services and the construction of the top structures and the project to comply with EPWP reporting and implementation requirements as determined by the policy, which will be included in the contract agreement within 3 months of signing the agreement;
- (g) The Developer to provide a construction and cash-flow programme, as soon as the project has received approval by the Department and before the contract agreement is signed;
- (h) **The Developer to comply with all relevant Environmental and Town Planning Legislation and to ensure that the relevant environmental authorisation is obtained prior to the commencement of construction;**
- (i) The Developer to ensure that the pre-emptive right referred to in Section 10A(1) of the Housing Amendment Act, 2001 (Act 4 of 2001) is written into the Sale Agreement (in case where beneficiary have title deeds, it must be added as an addendum) of every purchaser i.e.

"...It is hereby recorded that the Owner, on the strength of his/her personal information as provided by him/her, will be granted a housing subsidy, as defined in the National Housing Code, for this property. As a result, any future sale shall be subject to Section 10A of the Housing Amendment Act, Act 4 of 2001 in favour of the Western Cape Provincial Government which condition inter alia prescribes that the owner shall not sell or otherwise alienate the property within a period of eight (8) years from the date of registration of this condition, unless it has been offered to the Housing Department of the Western Cape Provincial Government, at no cost to the said Provincial Government".;

- (j) The Developer to appoint a professional structural engineer to design the top structures in accordance with the requirements of the geo-technical report and to supervise the construction thereof;
- (k) The Developer to confirm that the land lies above 1:50 year flood line;
- (l) All income generated by the municipality through the sale of sites in this development must be deposited in the municipality's separate operating account reserved for the financing of low cost housing development, as determined by section 16(2) of the Housing Act 107 of 1997;
- (m) The eligibility for access to the non-residential properties will be directed by the following rules:
 - (i) Institutional stands (e.g. police stations, clinics, municipal offices) will be made available at an amount equal to the per stand input costs for the installation of the services;
 - (ii) Business and commercial stands must be disposed of in a transparent, open and competitive tender/ development proposal basis at market value related prices but not less than the per stand input service costs;
 - (iii) Serviced stands for use by not-for-profit community service providers (e.g. churches, crèche, schools) must be disposed of in a transparent, open and competitive tender/ development proposal basis at prices equal to at least the per stand input service costs;
 - (iv) Public uses (e.g. parks, recreation areas) will not be disposed of and will remain in the ownership of the municipality, where the stands must be transferred to the municipality at no costs;
- (n) The Developer to implement and manage the project within the Indicative allocation; and
- (o) The transfer of the property must be effected prior to the commencement of the construction of the top structures.

10/10/2011

~~CONFIRMED/CONFIRMED AS AMENDED/
REFERRED BACK/WITHDRAWN/
DEFERRED/NOTED~~

HEAD OF DEPARTMENT: HUMAN SETTLEMENTS
MR T MGULI
DATE: 14 July 2015

15/81. THE HEAD OF DEPARTMENT: HUMAN SETTLEMENTS CONFIRMS THE APPROVAL FOR OVERSTRAND: HERMANUS: MOUNT PLEASANT EXTENTION 2: 172 UNITS: APPLICATION FOR CONDITIONAL APPROVAL FOR THE: [i] FINANCIAL DETAILS FOR THE CONSTRUCTION OF 172 TOP STRUCTURES [ii] APPROVAL OF 40M² HOUSE PLAN AND [iii] THE ALLOCATION OF DISABILITY FUNDING TO 9 TOP STRUCTURES IN TERMS OF THE INTEGRATED RESIDENTIAL DEVELOPMENT PROGRAMME. REF.NO. 16/1/1/2047/3098.02

Resolved that approval be granted for the:

- (a) Financial details for the construction of 172 top structures and the allocation of the disability funding to 9 units in the subsidy amount of R 20 871 021.00 (based on the 2014/2015 subsidy quantum) comprised as follows:

Category	Units	Quantum	Amount
Top Structures	172	[2014/2015 quantum]	R 20 392 320.00
Disability quantum	9	[2014/2015 quantum]	R 478 701.00
TOTAL	172		R 20 871 021.00

- (b) Financial details for the construction of 172 top structures in the subsidy amount of R 20 392 320.00 (based on the 2014/2015 subsidy quantum); comprised as follows;

Category	Units	Amount	Total
Subsidy	172	R 106 956.00	R 18 396 432.00
Geotechnical Variance	172	R 6 321.00	R 1 087 212.00
External Plaster	172	R 5 283.00	R 908 676.00
Sub-total	172	R 118 560.00	R 20 392 320.00
*Less cost of transfer fees and retention funds to be retained and released as a separate tranche	172	R 2 000.00	R 344 000.00
Total	172	R 116 560.00	R 20 048 320.00

NOTE:

Directorate: Regional Support – Cape Winelands & Overberg recommended an amount of R 6 321.00 as a Geo-technical variance for top structures.

NOTE:

The transfer of the property into the name of an approved beneficiary remains the responsibility of the Department. The retention amount of R2 000.00 consisting of R1 000.00 in respect of transfer fees and an additional amount R1 000.00 will only be released on receipt of a claim accompanied by proof that the property in question has been transferred into the name/s of an approved beneficiary/ies.

A

- (c) **Financial details for the allocation of a Disability Variance** in the amount R 478 701.00 (based on the 2013/2014 subsidy quantum); for the single and semi-detached units, which is calculated as follows:

$$[R 164 136.00 - R 110 947.00 = R 53 189.00 \times 9 (5\% \text{ of } 172 \text{ units}) = R 478 701.00$$

- (d) Approval of 40m² House Plan;

THE APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

- (e) **The transfer of the property must be affected prior to the commencement of the construction of the top structures;**
- (f) **The Developer to note that the enhanced norms and standards in respect of the dwellings are based on the requirements of the SANS 10400XA-Energy usage in buildings, as stipulated below:**

Beneficiaries falling in the R0 – R3 500.00 per month income category being provided with fully enclosed top structure of minimum size 40m², consisting of:

- 2 x bedrooms;**
- 1 x separate bathroom with a shower;**
- 1 x hand basin and a toilet**
- 1 x combined kitchen living area; and**
- A ready board electricity installation where electricity is available.**

- (g) The Developer must register the project and report progress of this project on either the EPWP Management Information System (MIS) or the Integrated Reporting System (IRS). Progress must be recorded quarterly and within 22 calendar days after the end of each quarter;
- (h) Claims by the Municipality will only be paid on achievement of the payment milestones schedule and progress payments will be made against proof of actual expenditure. The Municipality must fund all claims exceeding the approved funding amounts;
- (i) The Developer to provide a cash flow and milestone schedule before the contract agreement is signed;
- (j) The Developer to comply with all relevant Environmental and Town Planning Legislation and to ensure that all relevant environmental authorisations are obtained prior to construction;
- (k) The Developer to ensure that the pre-emptive right referred to in Section 10A (1) of the Housing Amendment Act, 2001 (Act 4 of 2001) is written into the Sale Agreement and Title Deed of every Purchaser i.e.

"... It is hereby recorded that the Purchaser, on the strength of his/her personal information as provided by him/her, will be granted a housing subsidy, as defined in the National Housing Code, for this property. As result, this sale shall be subject to the statutory condition, imposed by Section 10(A) of the Housing Act, No. 107 of 1997 in favour of the Western Cape Provincial Government, which condition inter - alia prescribes that the Owner shall not sell or otherwise alienate the property within a period of eight years from the date of sale, unless it has first been offered to the housing department of the Western Cape Provincial Government at no cost to the said Provincial Government."

- (l) The Developer to implement and manage the project within the Indicative allocation;
- (m) Payments to this project will only be made to the maximum amount available within the Indicative allocation;

- (n) The Contract Agreement between the Developer and the Department shall not be signed until such time as the Local Authority confirms in writing that they will use their Building Inspectorate to monitor and control the project to ensure the installation of services is of an acceptable standard;
- (o) The Developer to comply with circular no C4 of 201, Policy guidelines on implementing an incremental housing development programme in the Western Cape;
- (p) **The construction of top structures and payment thereof is subject to NHBC Home Enrolment. The Developer to submit the required documentation to the Department in this regard;**
- (q) The Developer to ensure that there is sufficient bulk water supply to the 172 stands at the Mount Pleasant Extension 2 Housing Development;
- (r) The Developer to ensure that the bulk outfall sewer line will have sufficient capacity for the 172 stands at the Mount Pleasant Extension 2 Housing Development;
- (s) The Developer to provide a letter indicating their scheduled planning for any bulk infrastructure improvements that may be necessary as mentioned in the above;
- (t) The Developer to note that the project should not be implemented prior to receiving confirmation of the availability of top structure funding from the Department, where after a contract will be concluded.

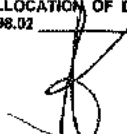
WITH FURTHER SPECIAL CONDITIONS

- (u) **The Developer to ensure that transfer of the serviced sites into the names of the qualifying beneficiaries must be affected prior to the commencement of the construction of the top structures;**
- (v) **Funding for Transfer Fees must only be released to qualifying beneficiaries and only in cases where erven have been transferred to the beneficiary OR a signed Deeds of Sale are in place and lodged by the Conveyancer with the Registrar of Deeds for Transfer of Title. Confirmation from the Conveyancer in this regard should accompany the claim for payment;**
- (w) **The Developer to note that the 72 houses planned for the ensuing financial years should not be constructed prior to receiving confirmation from the Department of the availability of funding; and**
- (x) **The Developer to further note that the top structure funding will only be available and released upon approval of beneficiaries on the National Housing Subsidy System and meeting the criteria of "Most Deserving" as communicated to the Developer by the Provincial Minister of Human Settlements.**

NOTE: THE HEAD OF DEPARTMENT: HUMAN SETTLEMENTS SUPPORTS THE RECOMMENDATION MADE BY THE CHIEF FINANCIAL OFFICER:

- (i) The Developer to enter into a fixed contract for this phase of the development as 100 top structures need to be delivered before 31 March 2016.

THE HEAD OF DEPARTMENT: HUMAN SETTLEMENTS CONFIRMS THE APPROVAL FOR OVERSTRAND: HERMANUS: MOUNT PLEASANT EXTENTION 2: 172 UNITS: APPLICATION FOR CONDITIONAL APPROVAL FOR THE: (i) FINANCIAL DETAILS FOR THE CONSTRUCTION OF 172 TOP STRUCTURES (ii) APPROVAL OF 48M² HOUSE PLAN AND (iii) THE ALLOCATION OF DISABILITY FUNDING TO 9 TOP STRUCTURES IN TERMS OF THE INTEGRATED RESIDENTIAL DEVELOPMENT PROGRAMME. REF.NO. 16/11/2047/3098.02





MOTLEKAV OVERSTRAND



MOUNT PLEASANT IRDP HOUSING PROJECT

CLOSE OUT REPORT

MAY 2017



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- 5. TRANSFERS**
- 6. NHBRC**
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- ANNEXURE D: Occupational Certificate
- ANNEXURE E: NHBRC FUR Reports
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1. PROJECT SUMMARY

1.1 Background

The Mount Pleasant Housing Project was undertaken by the Overstrand Municipality as planned in the 5-year Housing Strategy, which in turn is part of the Integrated Development Framework and Plan of the Municipality. The project is funded with IRDP subsidy funding, reference no. 16/1/1/2047/3098.02 as provided by the Provincial Government Western Cape: Department of Human Settlements (DOHS). Mount Pleasant entailed the implementation of 172 BNG housing units.

The project was implemented in the Mount Pleasant area which is situated in Hermanus. Hermanus is a coastal town situated on the south coast in the Overstrand municipality in the province of the Western Cape approximately 120km SE of Cape Town centre. The township is approximately 35m above sea level with central co-ordinates of Y: --19298.35 X: +3809951.86.

Motlekar Overstrand acted as the Implementing Agent on this said project. Motlekar Overstrand's mandate was to ensure that all activities, pertaining to this project, were implemented within the predetermined cost, quality and time parameters.

Motlekar and the Overstrand Municipality concluded agreements in November 2014 for the execution of the Civil Works on Mount Pleasant. Practical completion on the civil engineering services was achieved in June 2015.

The Overstrand Municipality entered into Top Structure agreement with Motlekar Overstrand in September 2015

172 units were successfully constructed.

1.2 Social Compact

The Overstrand Municipality promoted the creation of a fully functional Social Compact Organisational structure, which would be capable of delivering the project to the satisfaction of the Department of Human Settlements and the Municipality. The main purpose was to involve the beneficiaries during the decision making process.

The participating beneficiaries of Mount Pleasant elected the Social Compact Committee's representatives. These beneficiaries received a mandate to represent the community's interests and to take decisions on their behalf. In any instances where an agreement could not be reached amongst these beneficiary representatives, the matter was referred back to the participating beneficiary community committee for voting. The Municipality also promoted a conflict resolution mechanism that would assist the Social Compact in performing their tasks.

1.3 Beneficiary administration

Community workers were employed to assist the Housing Administration of the Overstrand Municipality in surveying informal areas, reconciling against waiting lists and to, ultimately, process applications for subsidy approval.

The Implementing Agent was responsible for the beneficiary administration with help from the Municipality. The processes to determine who the beneficiaries are have been done as scientifically and tamper free as possible, with the help of the Social Compact.

Council approved a rating system for prioritising potential beneficiaries of low cost housing, as no criteria are prescribed in the National Housing Code for the rating of applicants. The priority rating was developed in-house based on a formula used by the former Greater Hermanus Housing Committee and is based on the socio-economic position of applicants. The information used is obtained from the municipality's waiting



list application form. The possibility of tampering or manipulating of data was also addressed and a clear audit trail is provided for the capturing of data and accessing the database.

Applicants were rated on aspects such as the number of years they live in the municipal area, the number of dependants, age, income, marital status, type of dwelling they are currently residing in and the date of the initial application. In instances where the priority rating of more than one applicant is identical, the date of application will be used to determine the order of rating. The process to determine beneficiaries is fair and the outcome was convincing. This process is widely used as "Best Practise Case" throughout local government in South Africa.

The first handovers of the BNG houses took place on 15 April 2016. A total of 5 disabled units were constructed as part of the project, relieving the desperate need of disabled beneficiaries on the Overstrand Municipal waiting list.

1.4 Construction technologies

Motlekar utilised the following construction technologies:

- engineers designed monolithic roof trusses,
- modular and expandable house design,
- prefabricated plumbing,
- zero waste construction method,
- ceiling boards with insulation in the void,

1.5 Management

The Implementing Agent, Motlekar Overstrand, took full responsibility for the installation of all services, relocation of informal structures in the way of the development with the Council and signing up of beneficiaries. Their role can hence be described as follows:

- Finance - the Municipality provided bridging finance and all services for the project and secured the grant funding to fund the project.
- Material and local labour – the Municipality ensured that the Expanded Public Works Programme is enforced by its Implementing Agents. Most material was secured from local suppliers and 80% of labour was local.
- Human Resources - the Municipality availed valuable time from their senior staff to assist in the project. The Building Inspectorate, at no cost to the project, approved building plans and inspected houses for quality. Their Housing Manager spends 75% of his time actively on the projects assisting with facilitation and community issues as well as managing the relocation process and helping the Support Organisation fulfil their responsibilities.
- The civil services infrastructure was implemented prior to the construction of the top structures thereby avoiding unnecessary disputes.
- Conveyancing –Motlekar Overstrand appointed a local conveyancer (Guthrie & Theron) to manage the conveyancing process.

1.6 Sustainability of the development

In terms of integration of the project into the existing suburb (which includes bank financed houses), it is important to consider the social context especially due to the nature of the project. The concept of an integrated human settlement has therefore deemed achieved and due to the fact that people can integrate into the existing community, which is deemed sustainable, and co-exist with other families with access to facilities such as schools, crèche's, library and sports facilities For this reason, the development is deemed sustainable.



MOTLEKAR OVERSTRAND

This project is the DOHS model for sustainable human settlements in a low cost area. The objective of the project was, therefore, achieved and this project enjoyed wide acclaim and interest from various groups over the past few months.

1.7 Value for money

The Developer provided houses to a struggling community with the intent to improve the living quality of the inhabitants. These said houses was deemed practical, of high quality and energy efficient.

1.8 Target Market

A total of 172 beneficiaries were identified from the Overstrand Housing waiting lists. All these said beneficiaries received subsidies and were approved prior to occupation of their allocated house. The average age of the approved beneficiaries is 50 years.

1.9 Planning and design is the key to success

The principle aim of the project is to create an integrated development according to the "Breaking New Ground" (BNG) policy. The project will thus address the housing need in such a way that individual and household livelihoods are enhanced. People are housed in habitable, affordable and sustainable housing and the city is improved through urban renewal, regeneration and socio-economic development.

With the planning of the applicable area, cognisance was taken of the relevant land use management control documents, council policies and frameworks and, where applicable, statutory planning frameworks.

To ensure the appropriateness of the area for development, various assessments have been endeavoured including an investigation regarding the availability of bulk infrastructure and provision of services, geotechnical investigation, traffic impact assessment (TIA) and Environmental Impact Assessment (EIA)

1.10 Vandalism

During the construction phase, the site was subject to vandalism, illegal occupation and illegal riot actions. Please refer to *Annexure H* for a details report of the incident.



2. PROGRESS TO DATE

2.1 Civil Works

Refer to Annexure A

2.2 House Building

2.2.1 Handover Pack

A complete handover pack of all 172 erven was handed over to the Municipality. Attached hereto (Annexure B) is a sample of one erf's documents. Also attached in Annexure C is the completion Certificate from Motlekar Overstrand.

Each set contains the following information:

- Happy letter
- Snag list
- NHBRC B1 and D1 documents
- Structural certificate of completion
- Plumbing Certificate of Compliance
- Electrical Certificate of Compliance

2.2.2 Occupation Certificates (Annexure D)

3. TOWN PLANNING MATTERS

All town planning conditions have been met and the revised General Plan was recently approved (see Annexure F). Please also find confirmation in Annexure F that all erf pegs was replaced before the Municipality inspections for issuing of Confirmation of Completion Certificates.

4. TRANSFERS

Messrs. Guthrie & Theron Attorneys was the attorney appointed. No transfers have taken place to date.

5. NHBRC

All Final Unit Reports (FUR) for all 172 units was received from the NHBRC and was submitted to the Overstrand Municipality (see example in Annexure E)

6. FINANCIAL SUMMARY

Attached find the latest claim submitted by the Municipality to the DOHS (Annexure G) – for both engineering services and top structures



MOTLEKAR DIVERSTRAND

ANNEXURE A



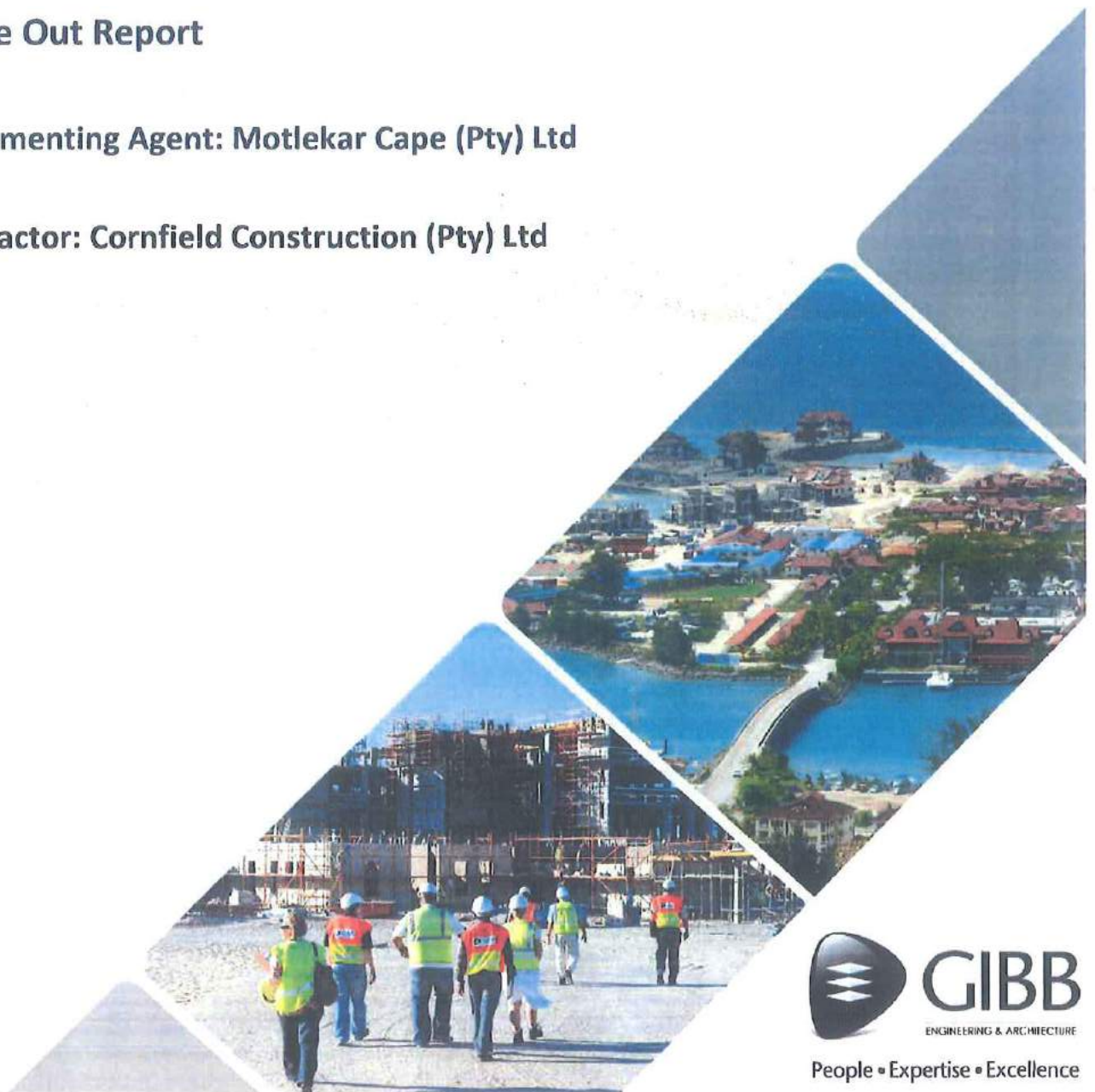
MOUNT PLEASANT PHASE 2 EXTENSION HOUSING

CONSTRUCTION OF CIVIL INFRASTRUCTURE FOR 194 NEW LOW COST HOUSING ERVEN

Close Out Report

Implementing Agent: Motlekar Cape (Pty) Ltd

Contractor: Cornfield Construction (Pty) Ltd



People • Expertise • Excellence

Close Out Report

Contents

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APPENDICES

Appendix A:	Certificates
Appendix B:	Photographs
Appendix C:	Test Results and As Built Data

1. EXECUTIVE SUMMARY

The contract entailed the construction of internal civil engineering services for 194 low cost housing units. The construction sites are situated in Mount Pleasant, Hermanus. The 2 No. development sites are known as Cemetery (Western) site and Sportsfield (Eastern) site.

Overstrand Municipality (OM) appointed Gibb (Pty) Ltd to conduct the design of the bulk and internal civil services for Mount Pleasant Phase 2 Extension of approximately 194 low cost housing units.

The internal civil services construction was developed via the Implementing Agent, Motlekar. The Contract commenced on the 3 November 2014 and the Date of Completion was achieved on 1 July 2015.

2. INTRODUCTION

The Employer wishes to install formal housing in Mount Pleasant, Portions of Erf 243 (Hermanus) in order to contribute to a more sustainable community environment. To achieve this, civil engineering services need to be installed on the site.

3. PROGRAMME AND PROGRESS

3.1 Summary

All construction works have been completed since commencement on 3 November 2014

3.2 Details (Major Quantities)

Cemetery (Western) Site:

Earthworks:	Clear and grub – 2,981ha Cut to Stockpile – 6899m ³ , cut from stockpile – 6031m ³ , cut to fill low erven – 855m ³ , Rip and Recompact for 500mm layer – 15300m ²
Sewer:	967m of 160mm dia pipes
Stormwater:	725m of 375mm dia pipes
Water:	1083m of 110mm dia pipes
Roadworks:	5185m ² 30mm premix asphalt
House Connections:	172 No. of Water and Sewer house connections

Sportsfield (East) Site:

Earthworks:	Clear and grub – 0,74ha
Sewer:	241m of 160mm dia pipes
Stormwater:	144m of 375mm dia pipes
Water:	184m of 110mm dia pipes
Roadworks:	918m ² of premix asphalt
House Connections:	22 No. of water and sewer house connections

3.3 Programme/Progress

Due Completion Date	:	16 June 2015
Extensions Granted to date	:	Nil
Revised Due Completion Date (Contractual)	:	N/A
Actual forecast due completion date	:	16 June 2015
% Time elapsed	:	1460 days (100%)
% Work complete	:	100%

4. FINANCE

Final Contract Value : R8 976 220,75 incl contingencies and VAT.

The R132 661, 05 additional expenditure was completed from contingencies to construct a retaining wall along the boundary of the Cemetery site.

5. QUALITY ASSURANCE

The Health and Safety, and Environmental audit reports are available from the Implementing Agent, Motlekar. The Implementing Agent was responsible for appointing the Health and Safety and the Environmental Control Officer.

5.1 Test Results

Please see Appendix E for the test results.

5.2 Asbuilt data

Please see appendix E.

6. CONCLUSIONS

6.1 Completion Date

The handover date of civil works was achieved on 1 July 2015. The Final Approval Certificate was issued on the 8 September 2016.

Appendix A
Certificates

CERTIFICATE OF PRACTICAL COMPLETION
IP150_B1



EMPLOYER: Motlekar Cape(PTY)LTD

Construction of Civil Engineering Services for 194 Low Cost Housing Erven

CONTRACTOR: Cornfield Construction

In terms of Clause 5.14.2 of the General Conditions of Contract 2010 it is hereby certified that the written list of works required to justify the issue of this Certificate of Practical Completion have been completed to the satisfaction of the Engineer.

The following items of outstanding work must be completed to justify the issue of the Certificate of Completion.

1. CEMETERY SITE

- 1.1 All kerb joints in Road 1 and 2 must be cleaned out and re- grouted.
- 1.2 Trapezoidal channel to be installed at Business Site boundary.
- 1.3 Existing water to be relocated adjacent to erven 11911, 11912 and 11913.
- 1.4 Road 2 and 6 bell mouths at SV 0 have chips. This must be corrected by the contractor.
- 1.5 In Road 1 from SV 40 – 90, the premix is rough. This will be evaluated during the course of the maintenance period and if the Engineer is not satisfied at the end of the maintenance period, the contractor will be instructed to replace the premix.

2. SPORTFIELD SITE

- 2.1 In Road 1 from SV 156 – 164, the premix is rough. This will be evaluated during the course of the maintenance period and if the Engineer is not satisfied at the end of the maintenance period, the contractor will be instructed to replace the premix.
- 2.2 Water standing in Manhole FS 8 – Contractor to correct.

G. Jansen

NAME OF ENGINEER

SIGNATURE OF ENGINEER

18 June 2015

DATE

CERTIFICATE OF COMPLETION
IP150_B2

EMPLOYER: Overstrand Municipality

IMPLEMENTING AGENT: Motlekar Cape(PTY)LTD
Construction of Civil Engineering Services for 200 Serviced Sites

CONTRACTOR: Cornfield Construction

In accordance with Clause 5.14.4 of the General Conditions of Contract 2010 we hereby certify that the outstanding work listed in the Certificate of Practical Completion dated 18 June 2015 has been duly completed and that the abovementioned works are deemed complete in conformity with the provisions of the Contract, except for the following items listed below which will be evaluated at Final Approval inspection and any defects not yet discovered.

The Defects Liability Period shall, subject to the listed items being satisfactorily attended to by the specified date, be held to commence on the date of this Certificate of Completion.

Items to be attended to:

1. CEMETERY SITE

1.1 In Road 1 from SV 40 – 90, the premix is rough. This will be evaluated during the course of the maintenance period and if the Engineer is not satisfied at the end of the maintenance period, the contractor will be instructed to replace the premix.

1.2 As-Built of roads outstanding.

2. SPORTSFIELD SITE

2.1 In Road 1 from SV 156 – 164, the premix is rough. This will be evaluated during the course of the maintenance period and if the Engineer is not satisfied at the end of the maintenance period, the contractor will be instructed to replace the premix.

2.1 As-Built of roads outstanding.

Gareth Jansen

NAME OF ENGINEER

SIGNATURE OF ENGINEER

1 July 2015

DATE

FINAL APPROVAL CERTIFICATE
IP150_B3

EMPLOYER: Overstrand Municipality
IMPLEMENTING AGENT: Motlekar Cape(PTY)LTD
Construction of Civil Engineering Services for 200 Serviced Sites
CONTRACTOR: Cornfield Construction

The Engineer, in terms of Clause 5.16.1 of the General Conditions of Contract 2010, hereby certifies that as of 8 September 2016 the abovementioned Works have been completed and all defects corrected in accordance with the Contract.

Gareth Jansen

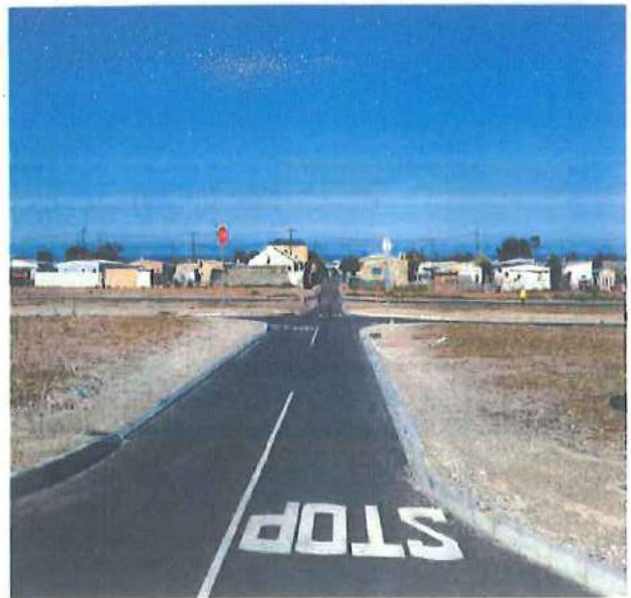
NAME OF ENGINEER

SIGNATURE OF ENGINEER

8 September 2016

DATE

Appendix B
Photographs

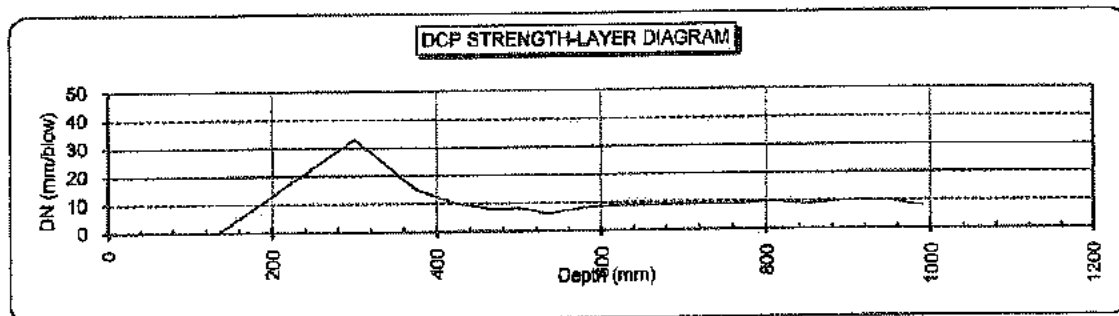


Appendix C

Test Results and As Built Data

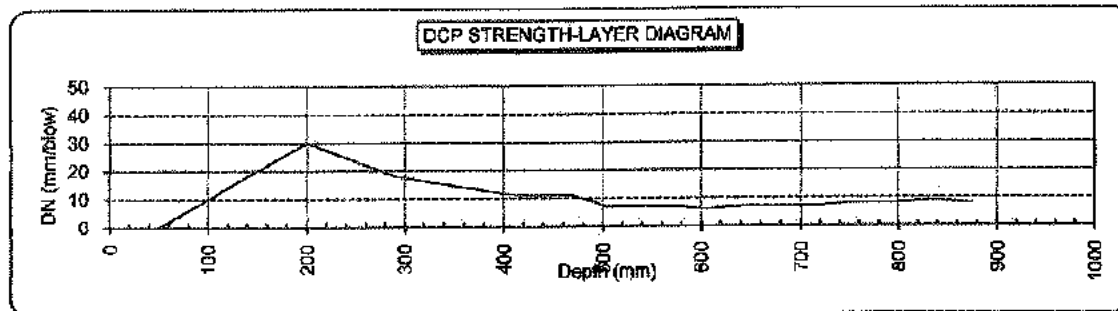
DCP Test done on Cemetery Site

SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION					JOB No.: 0	
PROJECT : HERMANUS					TEST No.: C23	
No. of Blows	Staff Reading	Layer Thickness	Depth mm/Blow mm	Bearing kPa	CBR	
tape zero	0	-	-	-	-	
0	135	0	135	0	0	
5	300	165	300	33.0	5	
10	375	75	375	15.0	13	
15	425	50	425	10.0	22	
20	485	40	485	8.0	29	
25	505	40	505	8.0	29	
30	535	30	535	8.0	42	
35	575	40	575	8.0	29	
40	620	45	620	9.0	25	
45	665	45	665	9.0	25	
50	710	45	710	9.0	25	
55	755	45	755	9.0	25	
60	805	50	805	10.0	22	
65	850	45	850	9.0	25	
70	900	50	900	10.0	22	
75	950	50	950	10.0	22	
80	990	40	990	8.0	29	



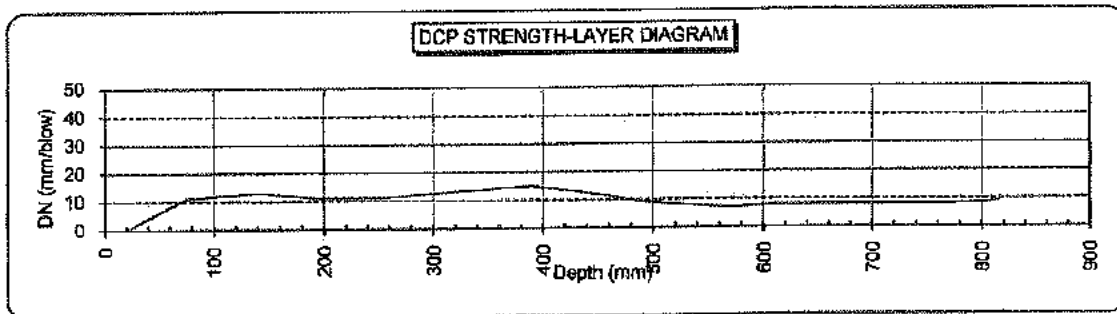
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS				DATE: 10.12.2014		
WESTERN CAPE		CORNFIELD CONSTRUCTION		JOB No.: 0		
PROJECT:		HERMANUS		TEST No.: C61		
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	50	0	50	0	0	0
5	200	150	200	30.0	71	6
10	290	90	290	18.0	124	11
15	380	70	360	14.0	163	14
20	415	55	415	11.0	212	20
25	470	55	470	11.0	212	20
30	505	35	505	7.0	348	35
35	540	35	540	7.0	348	35
40	575	35	575	7.0	348	35
45	605	30	606	6.0	411	42
50	640	35	640	7.0	348	35
55	675	35	675	7.0	348	35
60	710	35	710	7.0	348	35
65	750	40	750	8.0	301	29
70	790	40	790	8.0	301	29
75	835	45	835	9.0	264	25
80	875	40	875	8.0	301	29



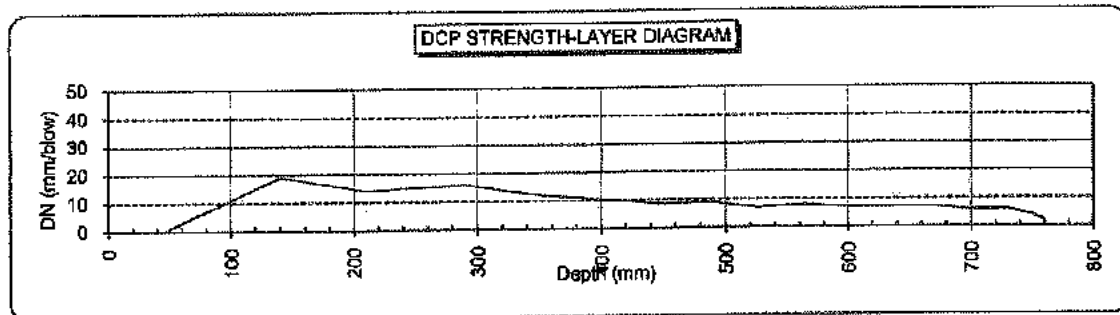
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS				DATE : 10.12.2014		
WESTERN CAPE		CORNFIELD CONSTRUCTION			JOB No.: 0	
PROJECT :		HERMANUS			TEST No.: C82	
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
<i>tape zero</i>	0	-	-	-	-	-
0	20	0	20	0	0	0
5	75	55	75	11.0	212	20
10	140	65	140	13.0	177	15
15	195	55	195	11.0	212	20
20	250	55	250	11.0	212	20
25	315	65	315	13.0	177	16
30	390	75	390	16.0	152	13
35	450	80	450	12.0	193	18
40	495	45	495	9.0	264	25
45	535	40	535	8.0	301	29
50	570	35	570	7.0	348	35
55	610	40	610	8.0	301	29
60	650	40	650	8.0	301	29
65	690	40	690	8.0	301	29
70	730	40	730	8.0	301	29
75	770	40	770	8.0	301	29
80	815	45	815	9.0	264	25



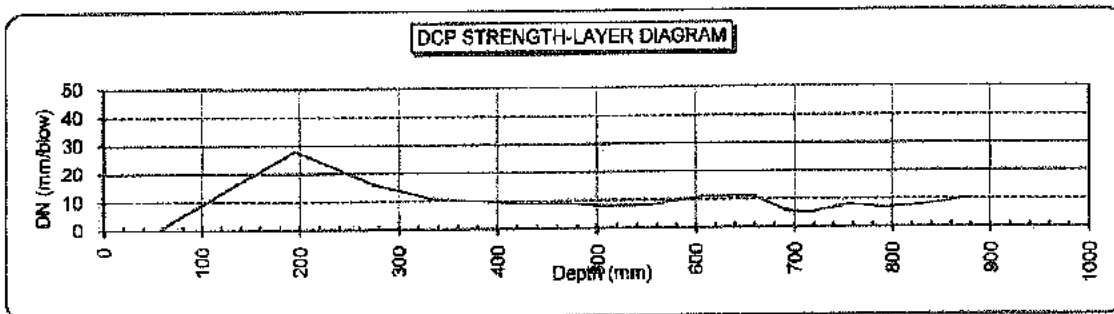
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION			JOB No.: 0			
PROJECT : HERMANUS			TEST No.: C25			
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	45	0	45	0	0	0
5	140	95	140	19.0	117	10
10	210	70	210	14.0	163	14
15	290	80	290	16.0	141	12
20	350	60	350	12.0	193	18
25	402	52	402	10.4	228	21
30	445	43	445	8.6	278	27
35	490	45	490	9.0	264	25
40	525	35	525	7.0	348	35
45	565	40	565	8.0	301	29
50	600	35	600	7.0	348	35
55	635	35	635	7.0	348	35
60	670	35	670	7.0	348	35
65	700	30	700	6.0	411	42
70	730	30	730	6.0	411	42
75	750	20	750	4.0	510	70
80	760	10	760	2.0	510	> 166



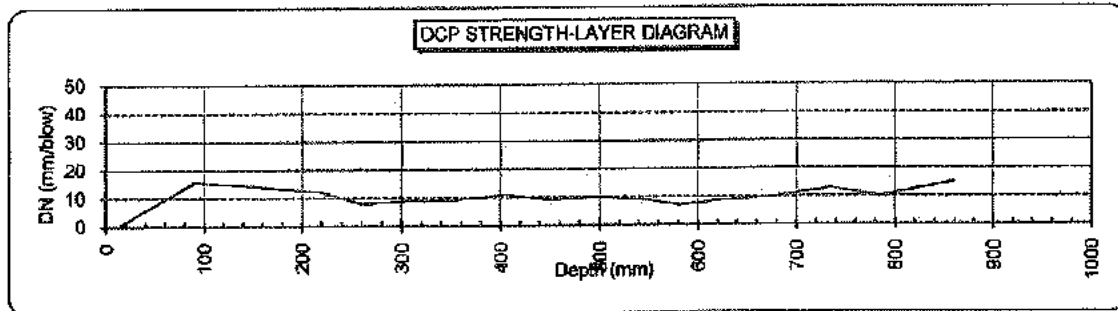
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION			JOB No.: 0			
PROJECT : HERMANUS			TEST No.: C24			
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	55	0	55	0	0	0
5	195	140	195	28.0	77	6
10	275	80	275	16.0	141	12
15	330	55	330	11.0	212	20
20	380	50	380	10.0	236	22
25	425	45	425	9.0	264	26
30	470	45	470	9.0	264	26
35	510	40	510	8.0	301	29
40	550	40	550	8.0	301	29
45	605	55	605	11.0	212	20
50	660	55	660	11.0	212	20
55	690	30	690	6.0	411	42
60	715	25	715	5.0	510	53
65	755	40	755	8.0	301	29
70	790	35	790	7.0	348	35
75	828	38	828	7.8	318	31
80	880	52	880	10.4	226	21



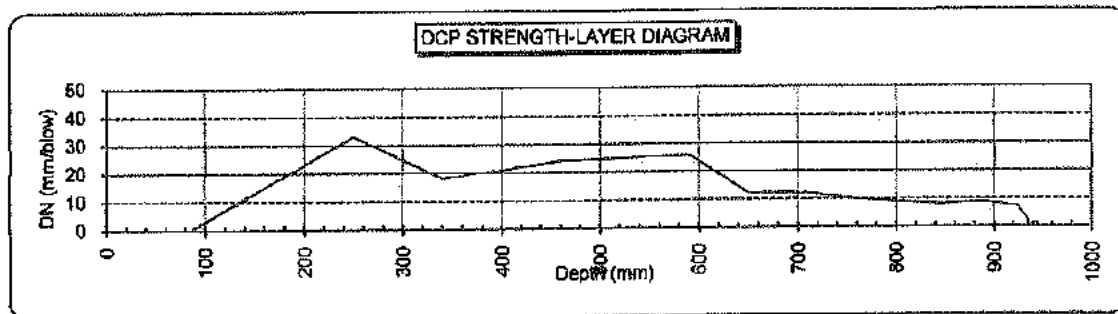
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS				DATE : 10.12.2014		
WESTERN CAPE		CORNFIELD CONSTRUCTION		JOB No.: 0		
PROJECT :		HERMANUS		TEST No.: C97		
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	12	0	12	0	0	0
5	90	78	90	15.6	145	13
10	160	70	160	14.0	163	14
15	220	60	220	12.0	193	18
20	280	40	280	8.0	301	29
25	305	45	305	9.0	264	25
30	350	45	350	9.0	264	25
35	405	55	405	11.0	212	20
40	450	45	450	9.0	264	25
45	500	50	500	10.0	236	22
50	545	45	545	9.0	264	25
55	580	35	580	7.0	348	35
60	623	43	623	8.6	278	27
65	671	48	671	9.6	246	23
70	735	64	735	12.8	180	16
75	785	50	785	10.0	236	22
80	860	75	860	15.0	152	13



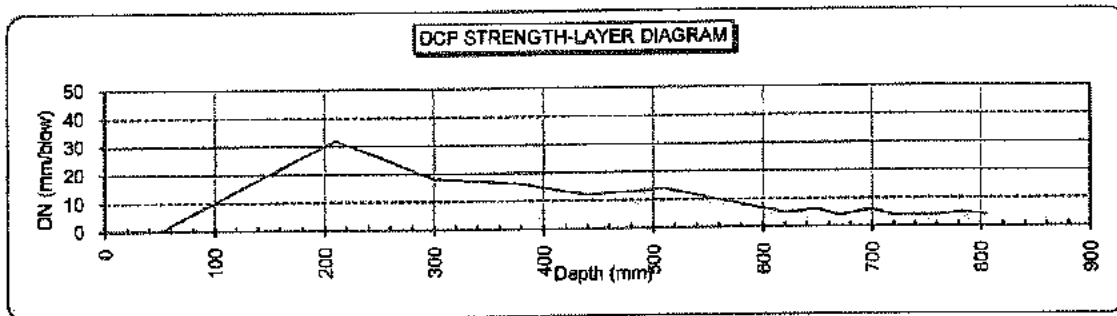
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS				DATE : 10.12.2014		
WESTERN CAPE PROJECT :		CORNFIELD CONSTRUCTION HERMANUS		JOB No.: 0		TEST No.: C76
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero						
0	85	0	85	0	0	0
5	250	165	250	33.0	64	5
10	340	90	340	18.0	124	11
15	460	120	460	24.0	91	7
20	590	130	590	26.0	83	7
25	650	60	650	12.0	193	18
30	710	60	710	12.0	193	18
35	760	50	760	10.0	236	22
40	805	45	805	9.0	264	25
45	845	40	845	8.0	301	29
50	890	45	890	9.0	264	25
55	925	35	925	7.0	348	35
60	935	10	935	2.0	510	> 166
65	935	0	935	0.0	510	> 166
70	940	5	940	1.0	510	> 166
75	945	5	945	1.0	510	> 166
80	945	0	945	0.0	510	> 166



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SOILLAB (PTY) LTD. DCP ANALYSIS				DATE : 10.12.2014		
WESTERN CAPE		CORNFIELD CONSTRUCTION		JOB No.: 9		
PROJECT :		HERMANUS		TEST No.: C54		
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	50	0	50	0	0	0
5	210	160	210	32.0	86	5
10	300	90	300	18.0	124	11
15	380	80	380	16.0	141	12
20	440	60	440	12.0	193	18
25	510	70	510	14.0	163	14
30	560	50	560	10.0	236	22
35	595	35	595	7.0	348	35
40	620	25	620	5.0	510	53
45	650	30	650	6.0	411	42
50	670	20	670	4.0	510	70
55	700	30	700	6.0	411	42
60	720	20	720	4.0	510	70
65	740	20	740	4.0	510	70
70	760	20	760	4.0	510	70
75	785	25	785	5.0	510	53
80	805	20	805	4.0	510	70



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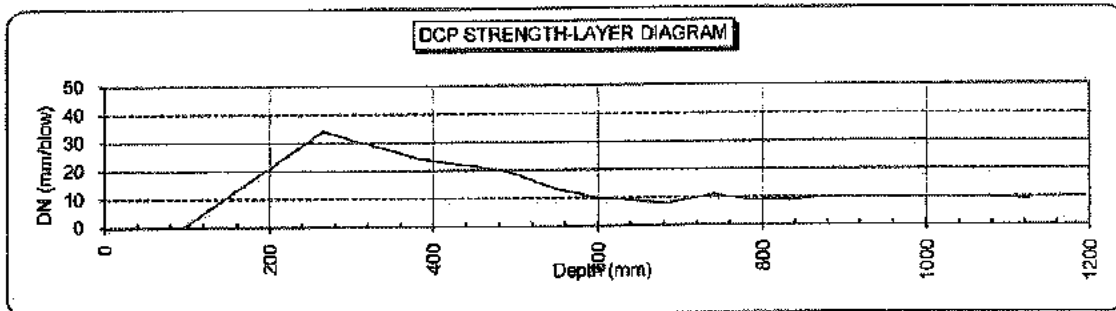
Joshua

From: le Roux, Wanda <lerouxw@soillab.co.za>
Sent: Wednesday, December 10, 2014 4:03 PM
To: joshua@corncon.co.za
Subject: FW: C74
Attachments: ACCREDITED FORM.xls

From: Van Houten, Chevonne
Sent: 10 December 2014 03:48 PM
To: le Roux, Wanda
Subject: C74

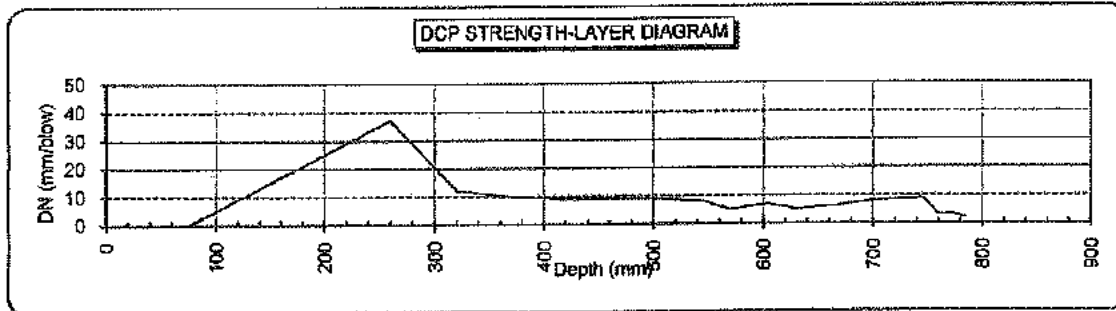
This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit <http://www.symanteccloud.com>

SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION			JOB No.: 0			
PROJECT : HERMANUS			TEST No.: C15			
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	95	0	95	0	0	0
5	265	170	265	34.0	62	5
10	385	120	385	24.0	91	7
15	485	100	485	20.0	111	9
20	550	65	550	13.0	177	16
25	600	50	600	10.0	236	22
30	645	45	645	9.0	264	25
35	685	40	685	8.0	301	29
40	740	55	740	11.0	212	20
45	785	45	785	9.0	264	25
50	830	45	830	9.0	264	25
55	880	50	880	10.0	236	22
60	930	50	930	10.0	236	22
65	980	50	980	10.0	236	22
70	1030	50	1030	10.0	236	22
75	1080	50	1080	10.0	236	22
80	1125	45	1125	9.0	264	25



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SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION			JOB No.: 0			
PROJECT : HERMANUS			TEST No.: C11			
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	75	0	75	0	0	0
5	260	185	260	37.0	57	4
10	320	80	320	12.0	193	18
15	370	50	370	10.0	236	22
20	415	45	415	8.0	264	25
25	480	45	460	9.0	264	25
30	505	45	505	8.0	264	25
35	545	40	545	8.0	301	29
40	570	25	570	5.0	510	53
45	605	35	605	7.0	348	35
50	630	25	630	5.0	510	53
55	680	30	660	6.0	411	42
60	700	40	700	6.0	301	29
65	745	45	745	9.0	264	25
70	760	15	760	3.0	510	101
75	775	15	775	3.0	510	101
80	785	10	785	2.0	510	> 166



Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS

DATE : 10.12.2014

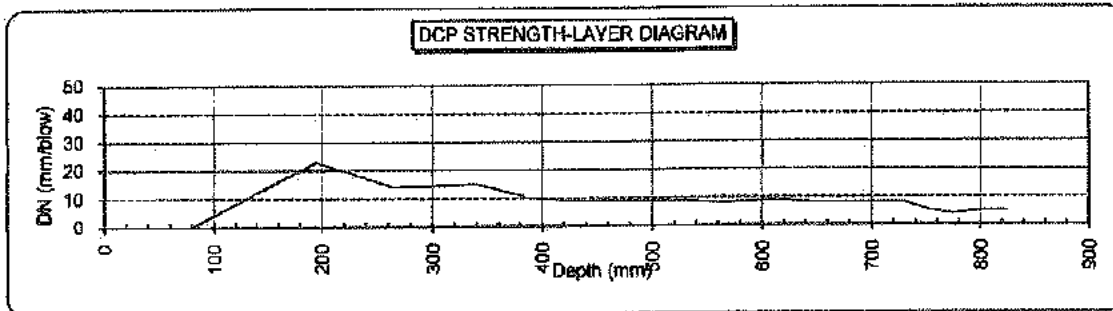
WESTERN CAPE CORNFIELD CONSTRUCTION

JOB No.: 0

PROJECT : HERMANUS

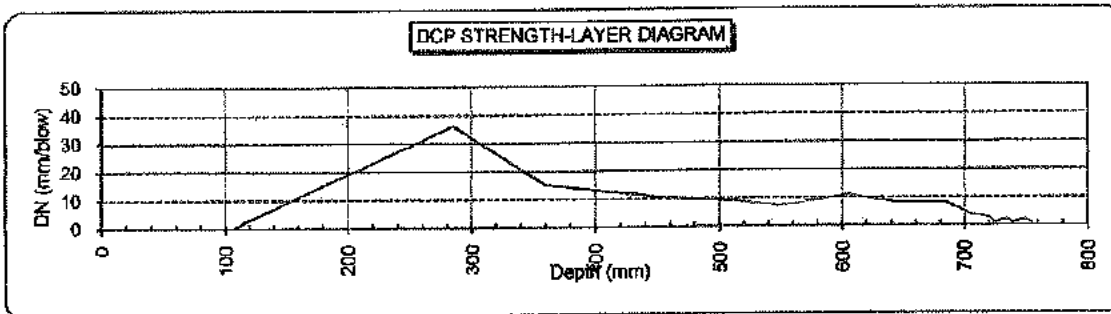
TEST No.: C39

No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	80	0	80	0	0	0
5	195	115	195	23.0	95	8
10	265	70	265	14.0	163	14
15	340	75	340	15.0	152	13
20	390	50	390	10.0	236	22
25	435	45	435	9.0	264	25
30	480	45	480	9.0	264	25
35	525	45	525	9.0	264	25
40	565	40	565	8.0	301	29
45	610	45	610	8.0	264	25
50	650	40	650	8.0	301	29
55	690	40	690	8.0	301	29
60	730	40	730	8.0	301	29
65	755	25	755	5.0	510	53
70	775	20	775	4.0	510	70
75	800	25	800	5.0	510	53
80	825	25	825	5.0	510	53



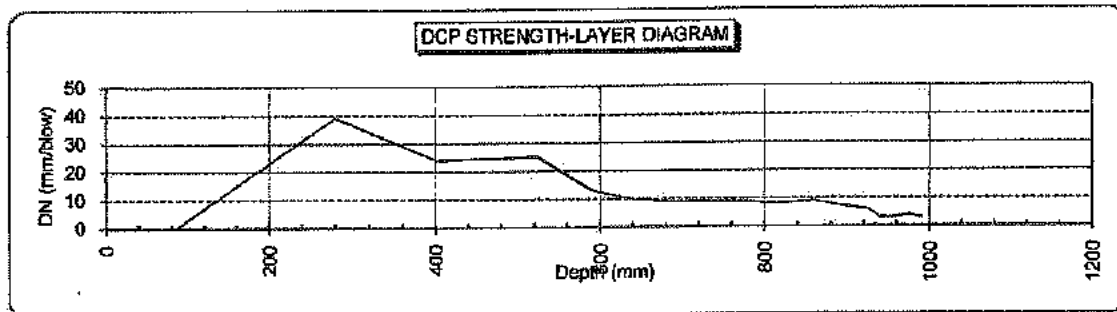
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION					JOB No.: 0	
PROJECT : HERMANUS					TEST No.: C59	
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	105	0	105	0	0	0
5	285	180	285	36.0	59	4
10	360	75	360	15.0	152	13
15	420	60	420	12.0	193	18
20	470	50	470	10.0	236	22
25	515	45	515	9.0	264	25
30	550	35	550	7.0	348	35
35	605	55	605	11.0	212	20
40	645	40	645	8.0	301	29
45	685	40	685	8.0	301	29
50	705	20	705	4.0	510	70
55	720	15	720	3.0	510	101
60	725	5	725	1.0	510	> 166
65	735	10	735	2.0	510	> 166
70	740	5	740	1.0	510	> 166
75	750	10	750	2.0	510	> 166
80	755	5	755	1.0	510	> 166



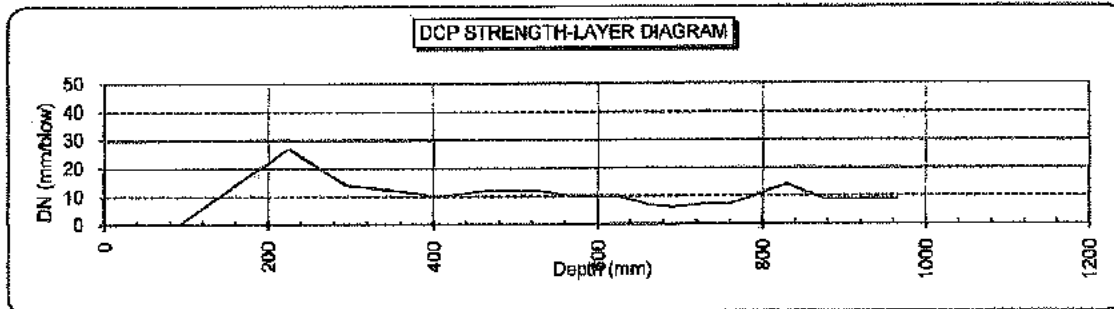
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION			JOB No.: 0			
PROJECT : HERMANUS			TEST No.: C60			
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	85	0	85	0	0	0
5	280	195	280	39.0	53	4
10	400	120	400	24.0	81	7
15	525	125	525	25.0	67	7
20	590	65	590	13.0	177	16
25	640	50	640	10.0	236	22
30	685	45	685	9.0	264	25
35	730	45	730	9.0	264	25
40	775	45	775	9.0	264	25
45	815	40	815	8.0	301	29
50	860	45	860	8.0	264	25
55	895	35	895	7.0	348	35
60	925	30	925	6.0	411	42
65	940	15	940	3.0	510	101
70	955	15	955	3.0	510	101
75	975	20	975	4.0	510	70
80	990	15	990	3.0	510	101



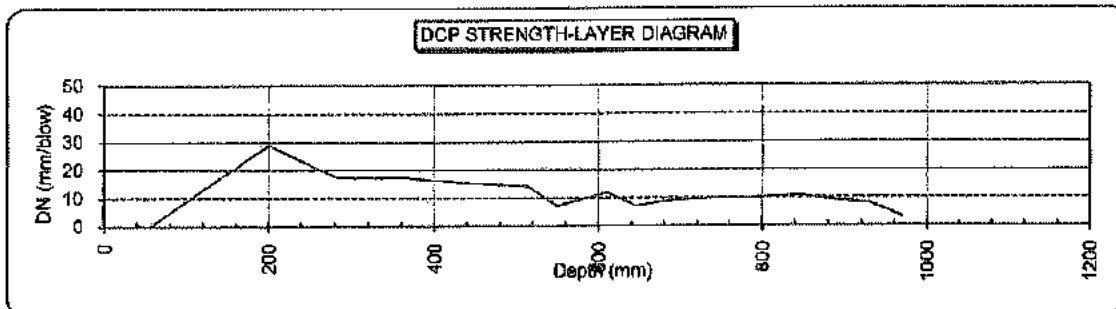
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION					JOB No.: 0	
PROJECT : HERMANUS					TEST No.: C21	
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0					
0	90	0	90	0	0	0
5	225	135	225	27.0	80	6
10	295	70	295	14.0	163	14
15	355	60	355	12.0	183	18
20	405	50	405	10.0	236	22
25	465	60	465	12.0	193	18
30	525	60	525	12.0	193	18
35	575	50	575	10.0	236	22
40	625	50	625	10.0	236	22
45	660	35	660	7.0	348	35
50	690	30	690	6.0	411	42
55	725	35	725	7.0	348	35
60	760	35	760	7.0	348	35
65	830	70	830	14.0	163	14
70	875	45	875	9.0	264	25
75	920	45	920	9.0	264	25
80	965	45	965	9.0	264	25



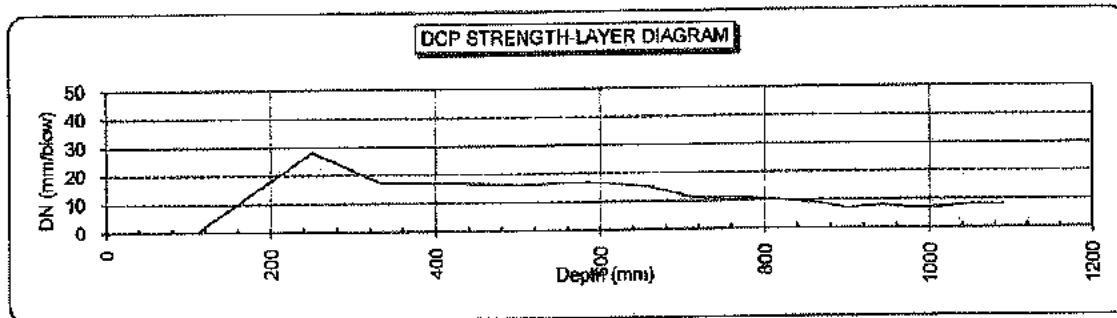
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SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION			JOB No.: 0			
PROJECT : HERMANUS			TEST No.: C43			
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	55	0	55	0	0	0
5	200	145	200	29.0	74	6
10	285	85	285	17.0	132	11
15	370	85	370	17.0	132	11
20	445	75	445	15.0	152	13
25	515	70	515	14.0	163	14
30	560	35	550	7.0	348	35
35	610	60	610	12.0	193	18
40	645	35	645	7.0	348	35
45	690	45	690	9.0	264	25
50	740	50	740	10.0	236	22
55	790	50	790	10.0	236	22
60	845	55	845	11.0	212	20
65	890	45	890	9.0	264	25
70	930	40	930	8.0	301	29
75	955	25	955	5.0	510	53
80	970	15	970	3.0	510	101



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SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION			JOB No.: 0			
PROJECT : HERMANUS			TEST No.: C71			
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	110	0	110	0	0	0
5	250	140	250	28.0	77	6
10	335	85	335	17.0	132	11
15	420	85	420	17.0	132	11
20	500	80	500	18.0	141	12
25	585	85	585	17.0	132	11
30	660	75	660	15.0	152	13
35	715	55	715	11.0	212	20
40	770	55	770	11.0	212	20
45	820	50	820	10.0	236	22
50	865	45	865	9.0	264	25
55	900	35	900	7.0	348	35
60	940	40	940	8.0	301	29
65	975	35	975	7.0	348	35
70	1010	35	1010	7.0	348	35
75	1050	40	1050	8.0	301	29
80	1090	40	1090	8.0	301	29



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SOILLAB (PTY) LTD. **DCP ANALYSIS**

DATE : 10.12.2014

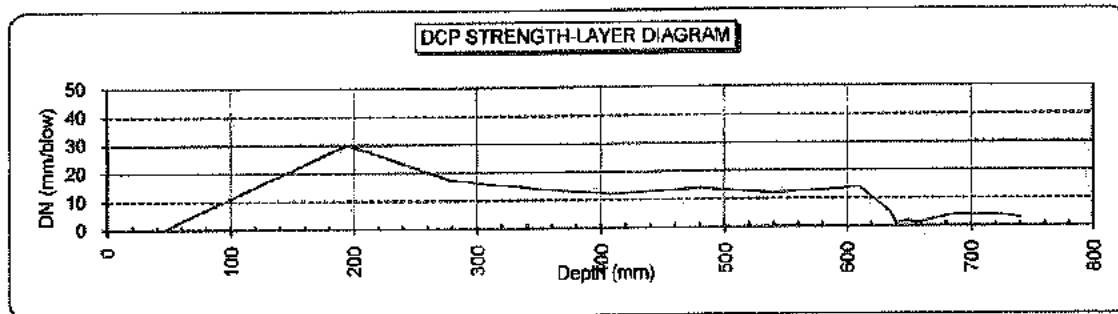
WESTERN CAPE CORNFIELD CONSTRUCTION

JOB No.: 0

PROJECT : HERMANUS

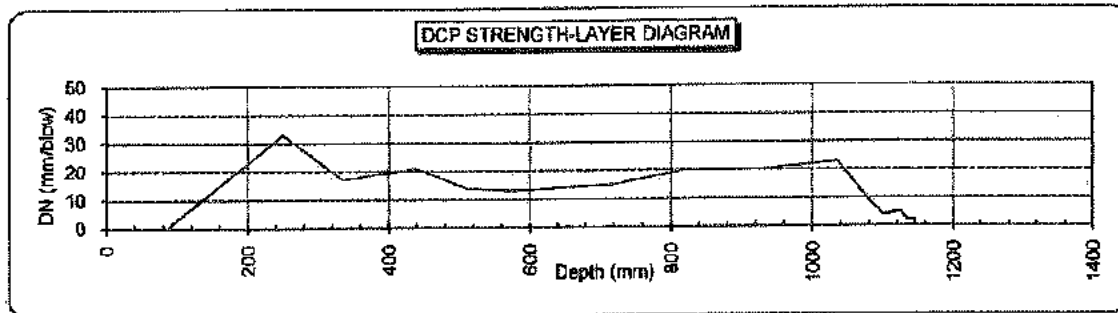
TEST No.: C34

No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
<i>lapse zero</i>						
0	45	0	45	0	0	0
5	195	150	195	30.0	71	6
10	280	85	280	17.0	132	11
15	350	70	350	14.0	163	14
20	410	60	410	12.0	193	18
25	480	70	480	14.0	163	14
30	540	60	540	12.0	193	18
35	610	70	610	14.0	163	14
40	635	25	635	5.0	510	53
45	640	5	640	1.0	510	> 166
50	650	10	650	2.0	510	> 166
55	655	5	655	1.0	510	> 166
60	665	10	665	2.0	510	> 166
65	685	20	685	4.0	510	70
70	705	20	705	4.0	510	70
75	725	20	725	4.0	510	70
80	740	15	740	3.0	510	101



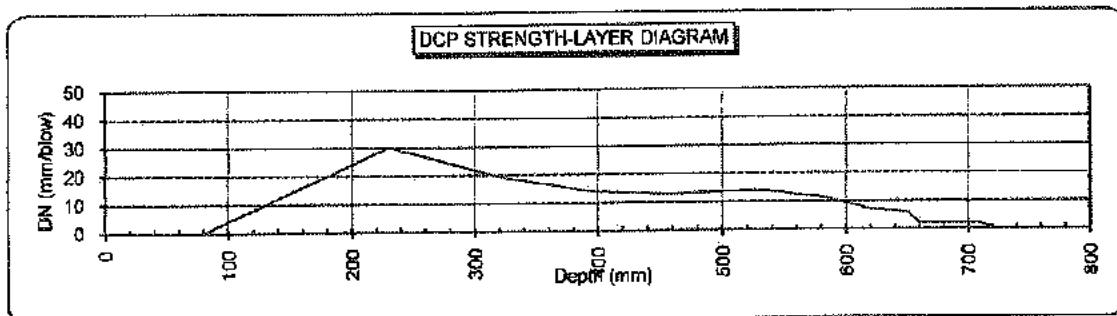
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SOILLAB (PTY) LTD. DCP ANALYSIS		DATE : 10.12.2014			
WESTERN CAPE CORNFIELD CONSTRUCTION		JOB No.: 0			
PROJECT : HERMANUS		TEST No.: C75			
No. of Blows	Staff Reading	Layer Thickness	Depth mm/Blow mm	Bearing kPa	CBR
<i>tape zero</i>					
0	85	0	85	0	0
5	250	165	250	33.0	5
10	335	85	335	17.0	11
15	440	105	440	21.0	9
20	510	70	510	14.0	14
25	575	65	575	13.0	16
30	645	70	645	14.0	14
35	720	75	720	15.0	13
40	820	100	820	20.0	9
45	920	100	920	20.0	9
50	1035	115	1035	23.0	8
55	1080	45	1080	9.0	25
60	1100	20	1100	4.0	70
65	1125	25	1125	5.0	53
70	1135	10	1135	2.0	> 166
75	1145	10	1145	2.0	> 166
80	1145	0	1145	0.0	> 166



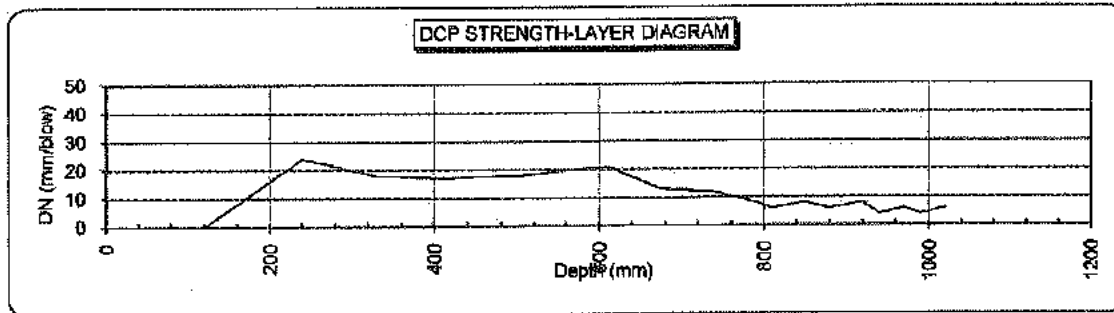
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS		DATE : 10.12.2014			
WESTERN CAPE CORNFIELD CONSTRUCTION		JOB No.: 0			
PROJECT : HERMANUS		TEST No.: C77			
No. of Blows	Staff Reading	Layer Thickness	Depth mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-
0	80	0	80	0	0
5	230	150	230	30.0	6
10	325	95	325	19.0	10
15	395	70	395	14.0	14
20	480	65	480	13.0	16
25	530	70	530	14.0	14
30	585	55	585	11.0	20
35	620	35	620	7.0	35
40	650	30	650	6.0	42
45	660	10	660	2.0	> 166
50	670	10	670	2.0	> 166
55	680	10	680	2.0	> 166
60	690	10	690	2.0	> 166
65	700	10	700	2.0	> 166
70	710	10	710	2.0	> 166
75	715	5	715	1.0	> 166
80	720	5	720	1.0	> 166



Dcp supplied by client.

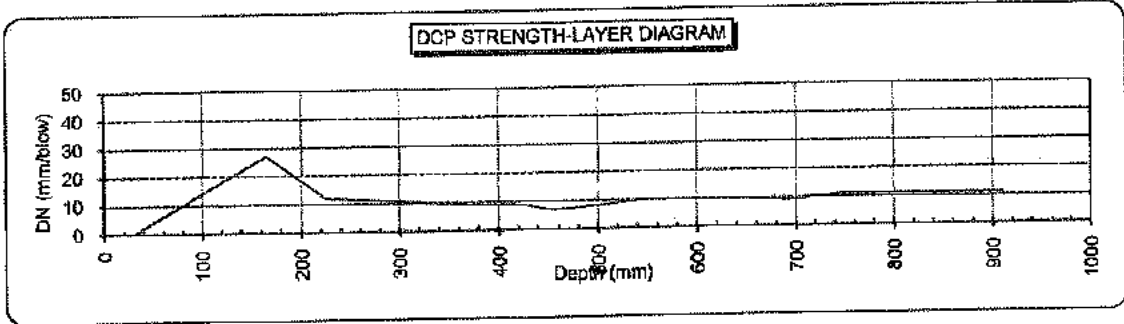
SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION					JOB No.: 0	
PROJECT : HERMANUS					TEST No.: C36	
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	120	0	120	0	0	0
5	240	120	240	24.0	91	7
10	330	90	330	18.0	124	11
15	415	85	415	17.0	132	11
20	505	90	505	18.0	124	11
25	610	105	610	21.0	105	9
30	675	65	675	13.0	177	16
35	735	60	735	12.0	193	18
40	780	45	780	9.0	264	25
45	810	30	810	6.0	411	42
50	850	40	850	8.0	301	29
55	880	30	880	6.0	411	42
60	920	40	920	8.0	301	29
65	940	20	940	4.0	510	70
70	970	30	970	6.0	411	42
75	990	20	990	4.0	510	70
80	1020	30	1020	6.0	411	42



Dcp supplied by client.

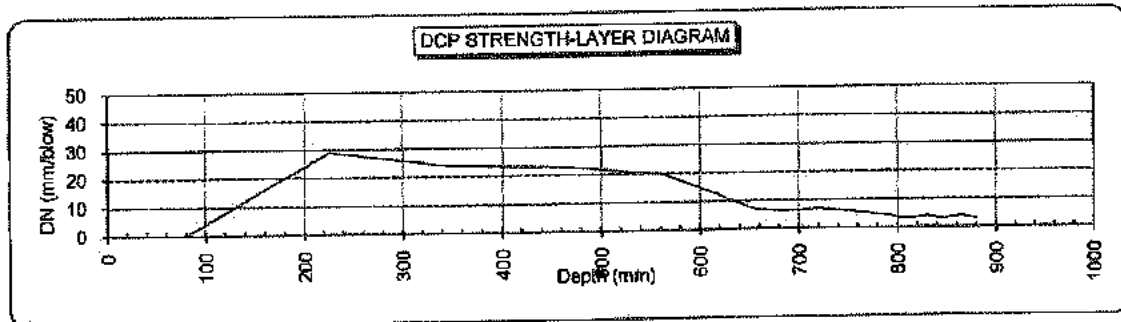
SOILLAB (PTY) LTD. DCP ANALYSIS				DATE : 10.12.2014		
WESTERN CAPE		CORNFIELD CONSTRUCTION		JOB No.: 0		
PROJECT :		HERMANUS		TEST No.: C53		
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR

tape zero	0	-	-	-	-	-
0	30	0	30	0	0	0
5	165	135	165	27.0	80	6
10	225	60	225	12.0	193	18
15	280	55	280	11.0	212	20
20	330	50	330	10.0	236	22
25	375	45	375	9.0	264	25
30	420	45	420	9.0	264	25
35	455	35	455	7.0	348	35
40	495	40	495	8.0	301	29
45	545	50	545	10.0	236	22
50	595	50	595	10.0	236	22
55	645	50	645	10.0	236	22
60	690	45	690	9.0	264	25
65	745	55	745	11.0	212	20
70	800	55	800	11.0	212	20
75	855	55	855	11.0	212	20
80	910	55	910	11.0	212	20



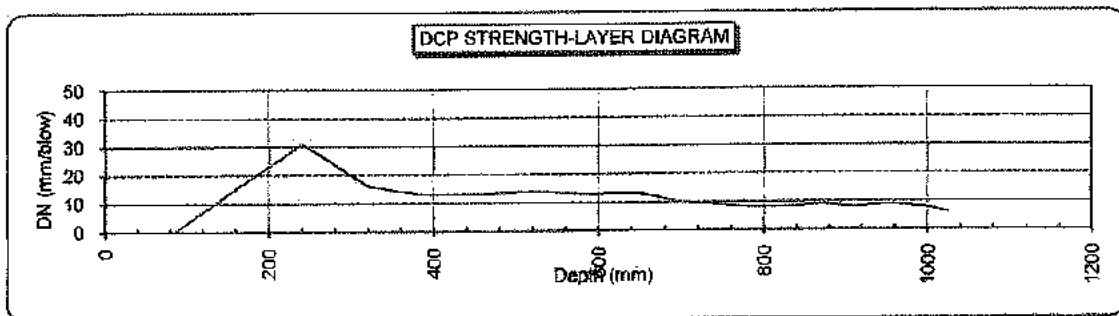
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS				DATE : 10.12.2014		
WESTERN CAPE PROJECT :		CORNFIELD CONSTRUCTION HERMANUS		JOB No.: 0		
TEST No.: C62						
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	80	0	80	0	0	0
5	225	145	225	29.0	74	6
10	345	120	345	24.0	91	7
15	460	115	460	23.0	95	8
20	580	100	560	20.0	111	9
25	620	60	620	12.0	193	18
30	655	35	655	7.0	348	35
35	685	30	685	6.0	411	42
40	720	35	720	7.0	348	35
45	750	30	750	6.0	411	42
50	775	25	775	6.0	510	53
55	795	20	795	4.0	510	70
60	810	15	810	3.0	510	101
65	830	20	830	4.0	510	70
70	845	15	845	3.0	510	101
75	865	20	865	4.0	510	70
80	880	15	880	3.0	510	101



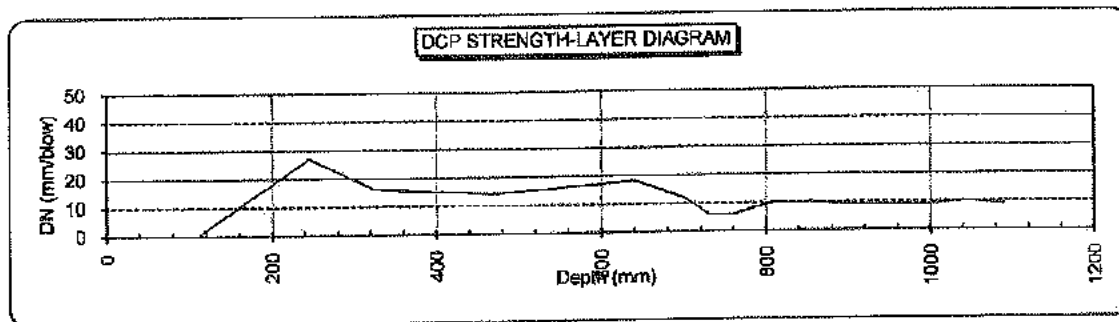
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS				DATE : 10.12.2014		
WESTERN CAPE CORNFIELD CONSTRUCTION				JOB No.: 0		
PROJECT : HERMANUS				TEST No.: C58		
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	85	0	85	0	0	0
5	240	155	240	31.0	69	5
10	320	80	320	16.0	141	12
15	385	65	385	13.0	177	18
20	450	65	450	13.0	177	18
26	520	70	520	14.0	163	14
30	585	65	585	13.0	177	16
35	650	65	650	13.0	177	16
40	700	50	700	10.0	236	22
45	745	45	745	9.0	264	25
50	785	40	785	8.0	301	29
55	825	40	825	8.0	301	29
60	870	45	870	9.0	264	25
65	910	40	910	8.0	301	29
70	955	45	955	9.0	264	25
75	995	40	995	8.0	301	29
80	1025	30	1025	6.0	411	42



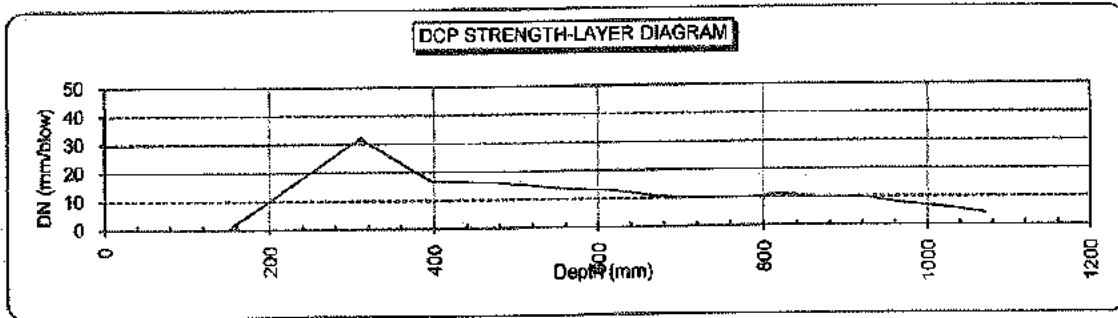
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS		DATE: 10.12.2014			
WESTERN CAPE CORNFIELD CONSTRUCTION		JOB No.: 0			
PROJECT: HERMANUS		TEST No.: C57			
No. of Blows	Staff Reading	Layer Thickness	Depth mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-
0	110	0	110	0	0
5	245	135	245	27.0	6
10	325	80	325	16.0	12
15	400	75	400	15.0	13
20	470	70	470	14.0	14
25	550	80	550	16.0	12
30	640	90	640	18.0	11
35	700	60	700	12.0	18
40	730	30	730	6.0	42
45	760	30	760	6.0	42
50	810	50	810	10.0	22
55	860	50	860	10.0	22
60	905	45	905	9.0	25
65	950	45	950	9.0	25
70	995	45	995	9.0	25
75	1045	50	1045	10.0	22
80	1090	45	1090	9.0	25



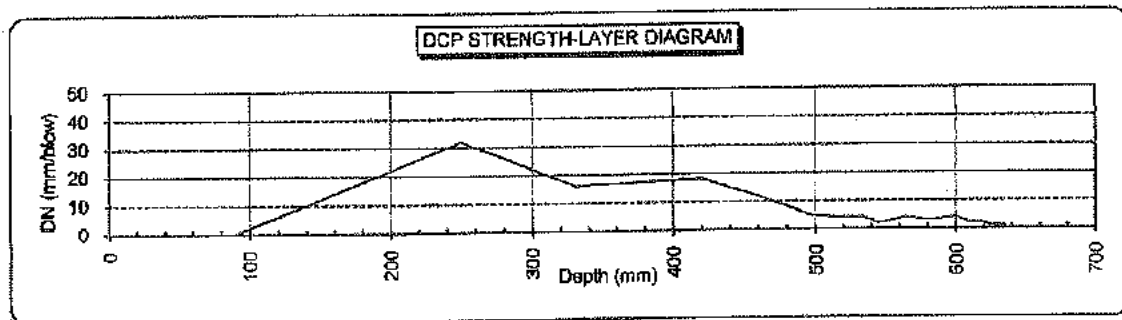
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS				DATE: 10.12.2014		
WESTERN CAPE		CORNFIELD CONSTRUCTION		JOB No.: 0		
PROJECT: HERMANUS					TEST No.: C56	
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	150	0	150	0	0	0
5	310	160	310	32.0	66	5
10	395	85	395	17.0	132	11
15	475	80	475	18.0	141	12
20	545	70	545	14.0	163	14
25	610	65	610	13.0	177	16
30	665	55	665	11.0	212	20
35	715	50	715	10.0	236	22
40	765	50	765	10.0	236	22
45	820	55	820	11.0	212	20
50	870	50	870	10.0	236	22
55	920	50	920	10.0	236	22
60	960	40	960	8.0	301	29
65	995	35	995	7.0	348	35
70	1025	30	1025	6.0	411	42
75	1050	25	1050	5.0	510	53
80	1070	20	1070	4.0	510	70



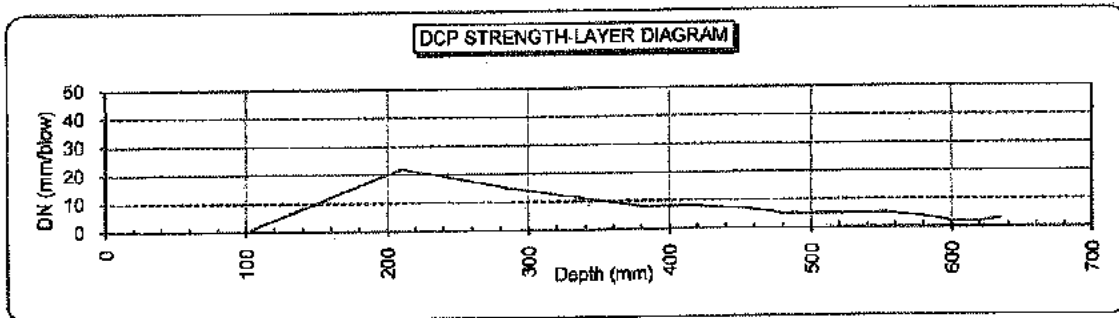
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS				DATE: 10.12.2014		
WESTERN CAPE CORNFIELD CONSTRUCTION				JOB No.: 0		
PROJECT: HERMANUS				TEST No.: C42		
No. of Blows	Staff Reading	Layer Thickness	Depth mm	num/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	90	0	90	0	66	0
5	250	160	250	32.0	66	5
10	330	80	330	18.0	141	12
15	420	90	420	18.0	124	11
20	470	50	470	10.0	236	22
25	495	25	495	5.0	510	53
30	515	20	515	4.0	510	70
35	535	20	535	4.0	510	70
40	545	10	545	2.0	510	> 166
45	565	20	565	4.0	510	70
50	580	15	580	3.0	510	101
55	600	20	600	4.0	510	70
60	610	10	610	2.0	510	> 166
65	620	10	620	2.0	510	> 166
70	625	5	625	1.0	510	> 166
75	630	5	630	1.0	510	> 166
80	635	5	635	1.0	510	> 166



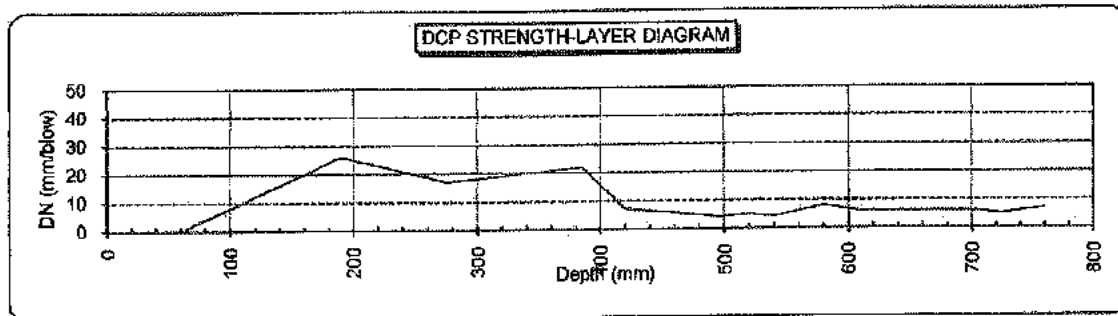
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS		DATE : 10.12.2014			
WESTERN CAPE CORNFIELD CONSTRUCTION		JOB No.: 0			
PROJECT : HERMANUS		TEST No.: C38			
No. of Blows	Staff Reading	Layer Thickness	Depth mm/Blow mm	Bearing kPa	CBR
tape zero	0	-	-	-	-
0	100	0	100	0	0
5	210	110	210	22.0	8
10	285	75	285	15.0	13
15	340	55	340	11.0	20
20	380	40	380	8.0	29
25	420	40	420	8.0	29
30	455	35	455	7.0	35
35	480	25	480	5.0	53
40	505	25	505	5.0	53
45	530	25	530	5.0	53
50	555	25	555	6.0	53
55	575	20	575	4.0	70
60	590	15	590	3.0	101
65	600	10	600	2.0	> 166
70	610	10	610	2.0	> 166
75	620	10	620	2.0	> 166
80	635	15	635	3.0	101



Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS				DATE : 10.12.2014		
WESTERN CAPE		CORNFIELD CONSTRUCTION		JOB No.: 0		
PROJECT :		HERMANUS		TEST No.: C1		
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	60	0	60	0	0	0
5	190	130	190	26.0	83	7
10	275	85	275	17.0	132	11
15	385	110	385	22.0	100	8
20	420	35	420	7.0	348	35
25	450	30	450	6.0	411	42
30	475	25	475	6.0	510	53
35	495	20	495	4.0	510	70
40	520	25	520	5.0	510	53
45	540	20	540	4.0	510	70
50	580	40	580	8.0	301	29
55	610	30	610	6.0	411	42
60	640	30	640	6.0	411	42
65	670	30	670	6.0	411	42
70	700	30	700	6.0	411	42
75	725	25	725	5.0	510	53
80	760	35	760	7.0	348	35



Dcp supplied by client.

SOILLAB (PTY) LTD. **DCP ANALYSIS**

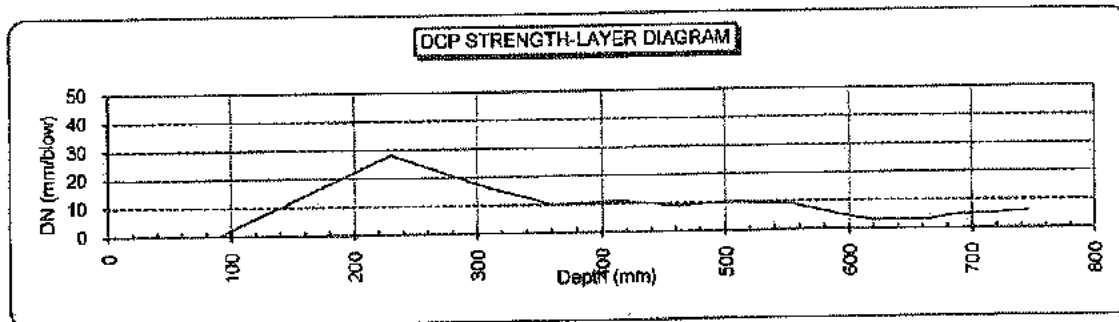
DATE : 10.12.2014

WESTERN CAPE CORNFIELD CONSTRUCTION
PROJECT : HERMANUS

JOB No.: 0

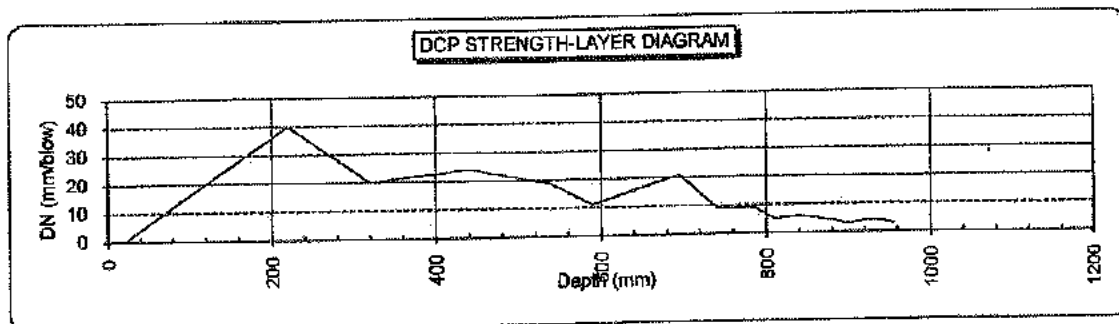
TEST No.: C48

No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	90	0	90	0	0	0
5	230	140	230	28.0	77	6
10	310	80	310	16.0	141	12
15	360	50	360	10.0	236	22
20	415	55	415	11.0	212	20
25	460	45	460	9.0	264	25
30	510	50	510	10.0	236	22
35	555	45	555	9.0	264	25
40	585	30	585	6.0	411	42
45	605	20	605	4.0	510	70
50	620	15	620	3.0	510	101
55	635	15	635	3.0	510	101
60	650	15	650	3.0	510	101
65	665	15	665	3.0	510	101
70	690	25	690	5.0	510	53
75	715	25	715	5.0	510	53
80	745	30	745	6.0	411	42



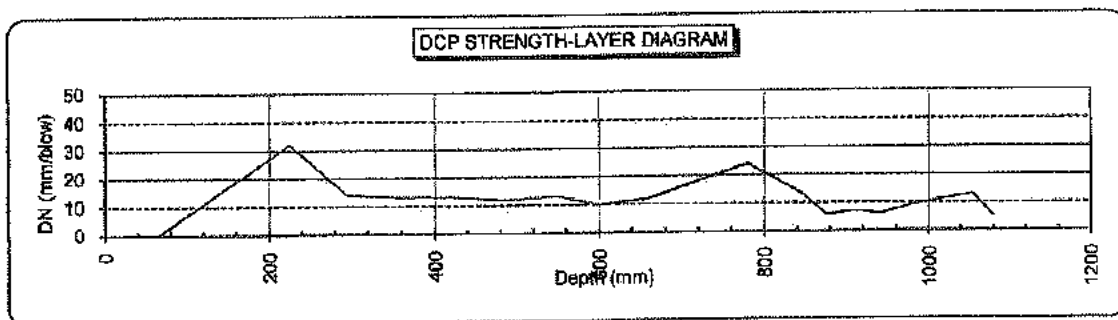
Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS					DATE : 10.12.2014	
WESTERN CAPE CORNFIELD CONSTRUCTION					JOB No.: 0	
PROJECT : HERMANUS					TEST No.: C47	
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	20	0	20	0	0	0
5	220	200	220	40.0	52	4
10	320	100	320	20.0	111	9
15	440	120	440	24.0	91	7
20	535	95	535	19.0	117	10
25	590	55	590	11.0	212	20
30	695	106	695	21.0	105	9
35	740	45	740	9.0	264	25
40	785	45	785	9.0	264	25
45	810	25	810	5.0	510	53
50	840	30	840	6.0	411	42
55	885	25	885	5.0	510	53
60	885	20	885	4.0	510	70
65	900	15	900	3.0	510	101
70	920	20	920	4.0	510	70
75	940	20	940	4.0	510	70
80	955	15	955	3.0	510	101



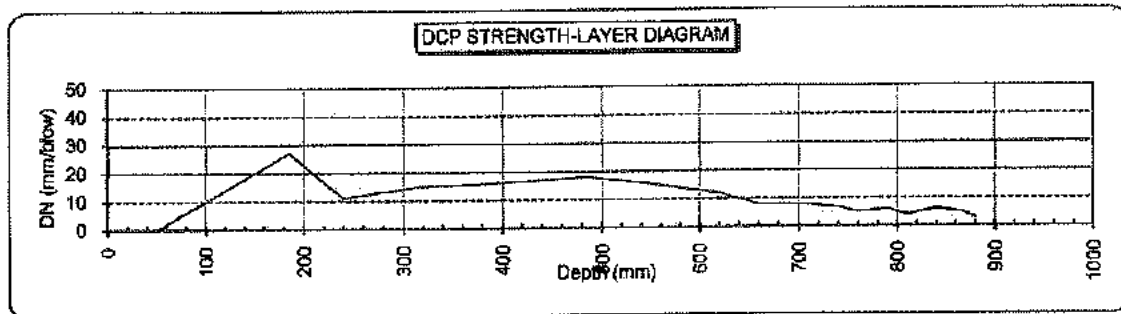
DCP supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS		DATE : 10.12.2014			
WESTERN CAPE CORNFIELD CONSTRUCTION		JOB No.: 0			
PROJECT : HERMANUS		TEST No.: C22			
No. of Blows	Staff Reading	Layer Thickness	Depth mm/Blow	Bearing kPa	CBR
tepa zero	0	-	-	-	-
0	65	0	65	0	0
5	225	160	225	32.0	5
10	295	70	295	14.0	14
15	360	65	360	13.0	16
20	425	65	425	13.0	16
25	485	60	485	12.0	18
30	550	65	550	13.0	16
35	600	50	600	10.0	22
40	660	60	660	12.0	18
45	780	120	780	24.0	7
50	846	66	846	13.2	16
55	875	29	875	5.8	44
60	910	35	910	7.0	35
65	940	30	940	8.0	42
70	990	50	990	10.0	22
75	1055	65	1055	13.0	16
80	1080	25	1080	5.0	53



Dcp supplied by client.

SOILLAB (PTY) LTD. DCP ANALYSIS					DATE :	10.12.2014
WESTERN CAPE CORNFIELD CONSTRUCTION					JOB No.:	0
PROJECT : HERMANUS					TEST No.:	C73
No. of Blows	Staff Reading	Layer Thickness	Depth mm	mm/Blow	Bearing kPa	CBR
tape zero	0	-	-	-	-	-
0	50	0	50	0	0	0
5	185	135	185	27.0	80	6
10	240	55	240	11.0	212	20
15	315	75	315	15.0	152	13
20	395	80	395	18.0	141	12
25	485	90	485	18.0	124	11
30	580	75	560	15.0	152	13
35	620	60	620	12.0	193	18
40	660	40	660	8.0	301	29
45	700	40	700	8.0	301	29
50	735	35	735	7.0	348	35
55	760	25	760	5.0	510	53
60	790	30	790	6.0	411	42
65	810	20	810	4.0	510	70
70	840	30	840	6.0	411	42
75	865	25	865	5.0	510	53
80	880	15	880	3.0	510	101



Dcp supplied by client.

**SEWER TEST
DONE ON
CEMETERY
SITE**

Stormwater Test Done On Cemetery Site

Water Test Cemetery Site



CIVIL ENGINEERING CONTRACTORS
 P.O. BOX 250
 OTTERY 7808
 TEL: (021) 692 1107
 FAX: (021) 692 1101

WATER TEST SHEET

ROAD: CEMETERY SITE
1 TO 9

	Checked
Houseconnections	✓
Valves	✓
Hydrants	✓
Airvalves	✓

	PASS	FAIL
PRESSURE TEST	✓	

SIGNED

RESIDENT ENGINEER

CONTRACTOR

DATE

SEWER TEST DONE ON SPORTSFIELD SITE

STORMWATER TEST DONE ON SPORTSFIELD SITE

Water Test Sportsfield Site



CIVIL ENGINEERING CONTRACTORS
 P.O. BOX 250
 OTTERY 7808
 TEL: (021) 892 1107
 FAX: (021) 892 1101

WATER TEST SHEET

ROAD: SPORTSFIELD SITE

	Checked
Houseconnections	✓
Valves	✓
Hydrants	✓
Airvalves	

	PASS	FAIL
PRESSURE TEST	✓	

SIGNED

RESIDENT ENGINEER

CONTRACTOR

DATE

**ROAD DIPS
AND TEST
RESULTS FROM
INDEPENDENT
LAB**

SOILLAB**WESTERN CAPE**HEXRIVIERSTRAAT 4, KRAAIFONTEIN. 7570
4 HEX RIVER STREET, KRAAIFONTEIN 7570(EDMS) BPK
(PTY) LTDReg. No.
2008/003619
/07ONDERSOEK EN TOETS VAN PAD EN FONDAMENT MATERIALE
INVESTIGATION & TESTING OF ROAD & FOUNDATION MATERIALSP.O. BOX 6627, KRAAIFONTEIN NORTH. 7572
TEL (021) 9887410
TELEFAX (021) 9886819
email: kraalfontein@soillab.co.za

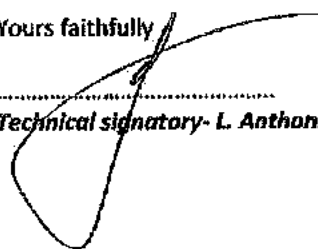
SA 0205

02.06.2015


CORNFILED CONSTRUCTION
P.O. Box 250
OTTERY
7508**ATTENTION: JOSUA****MOUNT PLEASANT – HERMANUS ASPHALT CORES**

<u>CORE NO</u>	<u>POSITION</u>	<u>DEPTH</u>
1	ROAD 3	45mm
2	ROAD 4	50mm
3	ROAD 3	55mm
4	ROAD 5	45mm
5	ROAD 1	75mm
6	ROAD 1	40mm
7	ROAD 2	35mm
8	ROAD 2	54mm
9	ROAD 6	50mm
10	SPORTSFIELD ROAD 1	65mm
11	SPORTSFIELD ROAD 1	40mm
12	SPORTSFIELD MAIN	55mm
13	SPORTSFIELD MAIN	40mm

Yours faithfully




 Technical signatory- L. Antonie
MANAGER:
DIRECTORS:
QUALITY MANAGER:W LE ROUX
JA. GROBLER Pr Ing M (Ing), W HOPSINK, E SMITH, J VENTER
L.J. ANTHONIE

SOILLAB		(EDMS) BPK. (PTY) LTD. Reg. No. 2008/003519/07		TESTS ON BITUMINOUS MIXES TOETSE OP BITUMINEUSE MENGSEL						
WESTERN CAPE										
PROJECT/PROJEK:		CORNFIELD CONSTRUCTION: MOUNT PLEASANT- HERMANUS						T0293		
TYPE OF MIX: TIPPE MENGSEL:				LAYER: LAAG:		WEARING COURSE		JOB NO.: SA0205		
SAMPLE NO./MONSTER NO.		7/ A1357	8/ A1358	9/ A1359	10/A1360	11/A1361	12/A1362			
DATE PLACED/DATUM GEPLAAS:										
STAKE VALUE/PENWAAARDE:										
LANE OR LOCATION: /										
% BINDSTOF / % BINDER		TMH1 7C(b)								
37,5		TMH1 B4								
26,5										
19,0										
13,2										
9,5										
6,7										
4,75										
2,36										
1,18										
0,600										
0,300										
0,150										
0,075										
MARSHALL DENSITY MARSHALL DIGTHEID (kg/m ³)		TMH1; C3	2.418	2.418	2.418	2.418	2.418	2.418	2.418	
RICE'S DENSITY RICE DIGTHEID (kg/m ³)		TMH1; C4	2.511	2.511	2.511	2.511	2.511	2.511	2.511	
% VOIDS IN MIX % RUMTES IN MENGSEL		TMH1; C3								
% VOIDS IN AGGREGATE % RUMTES IN AGGREGAAT		TMH1; C3								
VOIDS FILLED WITH BITUMEN RUMTES GEVUL MET BITUMEN %		TMH1; C3								
STABILITY STABILITEIT (kN)		TMH1; C2								
FLOW VLOEI (mm)		TMH1; C2								
CORE DENSITY KERNDIGTHEID (kg/m ³)		TMH1; C3	2.282	2.309	2.299	2.325	2.319	2.234		
CORE THICKNESS KERNDIKTE (mm)			33.6	45.7	42.6	58.6	34.1	54.5		
% COMPACTION ON MARSHALL % VERDIGTING BY MARSHALL			93.5	95.5	95.0	96.2	96.0	92.4		
% COMPACTION ON RICE % VERDIGTING BY RICE										
ITS (KPa)		TMH1; A16T								
			AVE MARSHALL DENSITY							

R.22

01.06.2015
DATE/DATUM


TECHNICAL SIGNATORY- LANTHONIE

SOILLAB		(EDMS) BPK. (PTY) LTD. Reg. No. 2008/003519/07		TESTS ON BITUMINOUS MIXES TOETSE OP BITUMINEUSE MENGSEL				
WESTERN CAPE								
PROJECT/PROJEK:		CORNFIELD CONSTRUCTION: MOUNT PLEASANT- HERMANUS				T0203		
TYPE OF MIX: TIPE MENGSEL:				LAYER: LAAG:	WEARING COURSE	JOB NO.: SA0205		
SAMPLE NO./MONSTER NO.		13/A1303						
DATE PLACED/DATUM GEPLAAS:								
STAKE VALUE/PENWAARDE:								
LANE OR LOCATION: /								
% BINDSTOF / % BINDER		TMH1 7C(b)						
37,5		TMH1 B4						
26,5								
19,0								
13,2								
9,5								
6,7								
4,75								
2,36								
1,18								
0,600								
0,300								
0,150								
0,075								
MARSHALL DENSITY MARSHALL DIGTHEID (kg/m ³)		TMH1; C3		2.418				
RICE'S DENSITY RICE DIGTHEID (kg/m ³)		TMH1; C4		2.511				
% VOIDS IN MIX % RUIMTES IN MENGSEL		TMH1; C3						
% VOIDS IN AGGREGATE % RUIMTES IN AGGREGAAT		TMH1; C3						
VOIDS FILLED WITH BITUMEN RUIMTES GEVUL MET BITUMEN %		TMH1; C3						
STABILITY STABILITEIT (kN)		TMH1; C2						
FLOW VLOEI (mm)		TMH1; C2						
CORE DENSITY KERNDIGTHEID (kg/m ³)		TMH1; C3		2.225				
CORE THICKNESS KERNDIKTE (mm)				39.0				
% COMPACTION ON MARSHALL % VERDIGTING BY MARSHALL				92.0				
% COMPACTION ON RICE % VERDIGTING BY RICE								
				AVE MARSHALL DENSITY				

R.22

01.06.2015
DATE/DATUM

 TECHNICAL SIGNATORY- L. ANTHONIE

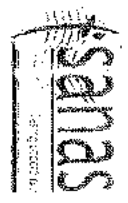
SOILLAB WESTERN CAPE	(EDMS) BPK. (PTY) LTD. Reg. No. 2008/003519/ 07	ONDERBOEK EN TOETS VAN PAD- EN FONDAMENTMATERIALE INVESTIGATION AND TESTING OF ROAD & FOUNDATION MATERIALS
Hexrivierstraat 4, Kraaifontein. 7570 4 Hex River Street, Kraaifontein. 7570 email : kraaifontein@soillab.co.za	P.O. Box 6627, Kraaifontein 7572 Tel: (021) 988 7410 988 7437 Fax: (021) 988 6919	
<u>LABORATORY TEST REPORT</u>		
Test Report No.: SK 8851	Fax no: 021 692 1101	Attention: JOSUA
No. of pages, including attachments: 7		
Name of Client: CORNFIELD CONSTRUCTION		
Address of Client: P.O. BOX 250, OTTERY. 7508		
Sampling Location: HERMANUS NECT TO CTM		
Description & Condition of Sample(s) upon receipt: GOOD	T0293	
Sampling Method / Plan / Procedure: SAMPLED ON SITE		
Date of Receipt of Samples: 25.03.2015		
Description of Tests Conducted and Methods used: TMH 1 A7, A10(b)		
Deviations, Excluding, Additions: NONE		
<u>Notes:</u>		
1. This report (with attachments) is a correct record of all measurements made and may not be reproduced other than in full and with written approval from a duly authorised representative of Soillab (Pty) Ltd.		
2. Results reported in this Test Report relate only to the items tested.		
3. Measuring Equipment, traceable to National Standards is used where applicable		
4. NOTE: Samples will be disposed of 3 months after received, unless otherwise indicated.		
<u>Remarks:</u>		
<hr/> <hr/>		
<u>Attachments:</u>		
1. 6 X REPORT SHEETS	2. _____	
3. _____	4. _____	
Signature: _____	Designation: Technical Signatory – L. Anthonie	
Date: 30.03.2015		

SOILLAB

(3008) APR.
(PTY) LTD.
Reg. No.
2088/00313/07

WESTERN CAPE
TEL. 988 7410

DENSITY REPORT / KOMPAKSIEVERSLAG



PROJEK/PROJECT: CORNFIELD CONSTRUCTION: HERMANUS JOB. NO.: SK 8851
 LAYER/LAAG: SSG: DARK BROWN SAND & PEBBLES DATE/DATUM: 25.03.2015
 T0283

TEST No. TOETS No.	TEST METHOD	ROAD 1					ROAD 2		
		SV/60 L	SV/120 R	SV/180 d/L	SV/240 d/L	SV/60	SV/120	SV/180	
STAKE VALUE/OFF SET RENAFSTAND/AFSTAND									
PROBE DEPTH (mm)		0 - 150	0 - 150	0 - 150	0 - 150	0 - 150	0 - 150	0 - 150	
LAYER THICKNESS LAAGDIKTE (mm)		159	158	158	158	158	159	158	
MOD. AASHTO DENSITY GEW. AASHTO DIGTHEID (kg/m³) (a)	TMH1 A7	1885	1885	1885	1885	1885	1885	1885	
% OPTIMUM MOISTURE CONTENT % OPTIMUM VOIGINHOUD	TMH1 A7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
BRUTO RELATIEWE DENSITY BRUTO RELATIEWE DIGTHEID (b)	D14 + D15								
FIELD DENSITY VELDDIGTHEID (kg/m³)	TMH1 A10 (b)	1893	1898	1898	1887	1894	1918	1893	
% FIELD MOISTURE CONTENT % VELDVOGINHOUD	TMH1 A7	3.0	4.9	3.9	3.0		3.1	2.9	
% COMPACTION % KOMPAKSIE (a)		100+	100+	100+	100+		100+	100+	
% COMPACTION % KOMPAKSIE (b)									
REMARKS OPMERKING	Previous MOD used from Sk8759. CEMETERY SITE								

T. LESAU
OPERATOR/ OPERATEUR
30.03.2015
DATE/DATUM

Technical Signatory - L. Anthonie

SOILLAB

(Pty) Ltd.
Reg. No.
2409/002519/07

WESTERN CAPE
TEL. 988 7410

DENSITY REPORT / KOMPAKSIEVERSLAG



PROJECT: CORNFIELD CONSTRUCTION: HERMANUS JOB NO.: SK 8851
 LAYER/LAAG: SSG: DARK BROWN SAND & PEBBLES - CEMETRY SITE DATE/DATUM: 25.03.2015

TEST No. TOETS No.	TEST METHOD	ROAD 6	ROAD 7	ROAD 8	ROAD 9
STAKE VALUE/OEF SET PENAFSTAND/AFSTAND		SV 20 c/L	SV 10 c/L	SV 15 c/L	SV 10 c/L
PROBE DEPTH (mm)		0 - 150	0 - 150	0 - 150	0 - 150
LAYER THICKNESS LAAGDIKTE (mm)		159	168	157	169
MOD. AASHTO DENSITY GEW. AASHTO DIGTHEID (kg/m ³) (a)	TMH1 A7	1885	1885	1885	1885
% OPTIMUM MOISTURE CONTENT % OPTIMUM VOIGINHOUD	TMH1 A7	10.0	10.0	10.0	10.0
BRUTO RELATIVE DENSITY BRUTO RELATIEWE DIGTHEID (b)	D14 + D15				
FIELD DENSITY VELDDIGTHEID (kg/m ³)	TMH1 A10 (b)	1897	1899	1898	1892
% FIELD MOISTURE CONTENT % VELDVOIGINHOUD	TMH1 A7	3.0	4.1	4.9	4.2
% KOMPACTIE (a)		100+	100+	100+	100+
% KOMPACTIE (b)					
REMARKS OPMERKING	Previous MOD used from SK8759.				

TJESAU
OPERATOR/OPERATEUR

30.03.2015
DATE/DATUM

Technical Signatory - L. Anthonie

SOILLAB

(EDKMS) BPT.
(PTY) LTD.
Reg. No.
2009/0003519/07

WESTERN CAPE
TEL. 988 7410

DENSITY REPORT / KOMPAKSIEVERSLAG



PROJECT/PROJECT:	CORNFIELD CONSTRUCTION: HERMANUS	JOB. NO.: SK 8851	DATE/DATUM: 25.03.2015	T0293
LAYER/LAAG:	BASE: QUARTZITIC SANDSTONE			

TEST No. TOETS No.	TEST METHOD	ROAD 1					ROAD 2							
		SV.60 L	SV.120 R	SV.180 c/L	SV.240 c/L	SV.60	SV.120	SV.180 c/L						
STAKE VALUE/OFF SET PENAFSTANDA/AFSTAND														
PROBE DEPTH (mm)		0 - 150	0 - 150	0 - 150	0 - 150	0 - 150	0 - 150	0 - 150	0 - 150	0 - 150	0 - 150			
LAYER THICKNESS LAAGDIKTE (mm)		162	164	161	163	167	162	188						
MOD. AASHTO DENSITY GEW. AASHTO DIGTHEID (kg/m ³) (a)	TMH1 A7	2240	2240	2240	2240	2240	2240	2240	2240	2240				
% OPTIMUM MOISTURE CONTENT % OPTIMUM VOIGINHOUD	TMH1 A7	5.4	5.4	5.4	5.4	5.4	5.4	5.4						
BRUTO RELATIEWE DIGHTHEID BRUTO RELATIEWE DIGHTHEID (b)	D14 + D15													
FIELD DENSITY VELDDIGTHEID (kg/m ³)	TMH1 A10 (b)	2352	2310	2291	2278	2297	2293	2294						
% FIELD MOISTURE CONTENT % VELDVOGINHOUD	TMH1 A7	2.1	3.8	3.3	3.2	2.0	2.1	3.2						
% COMPACTION % KOMPAKSIE (a)		100+	100+	100+	100+	100+	100+	100+						
% COMPACTION % KOMPAKSIE (b)														
REMARKS OPMERKING	CEMETERY SITE													

Document No.: R.09

Effective Date: 03 May 2005

T. JESAU
OPERATOR/OPERATEUR

30.03.2015
DATE/DATUM

Technical signatory - L. Anthony

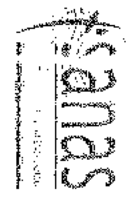
Page 5 of 7

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Reg. No.
2008/003519/07

WESTERN CAPE
TEL. 968 7410

DENSITY REPORT / KOMPAKSIEVERSLAG



PROJEK/PROJECT:	CORNFIELD CONSTRUCTION: HERMANUS	JOB. NO.:	SK 8851		
LAYER/LAAG:	BASE: CRUSHED QUARTZITIC SANDSTONE	DATE/DATUM:	25.03.2015		
TEST No. TESTS No.	TEST METHOD	RAOD 6	ROAD 7	ROAD 8	ROAD 9

STAKE VALUE/OFF SET PENAFASTAND/AFASTAND	SV.20	SV.10	SV.15	SV.10	
PROBE DEPTH (mm)	0 - 150	0 - 150	0 - 150	0 - 150	
LAYER THICKNESS LAAGDIKTE (mm)	162	165	162	169	
MOD. AASHTO DENSITY GEW. AASHTO DIGTHEID (kg/m³) (a)	TMH1 A7 2240	2240	2240	2240	
% OPTIMUM MOISTURE CONTENT % OPTIMUM VOGINHOUD	TMH1 A7 5.4	5.4	5.4	5.4	
BRUTO RELATIVE DENSITY BRUTO RELATIEWE DIGTHEID (b)	D14 + D15				
FIELD DENSITY VELDDIGTHEID (kg/m³)	TMH1 A10 (b) 2279	2274	2329	2297	
% FIELD MOISTURE CONTENT % VELDVOGINHOUD	TMH1 A7 2.0	2.1	3.4	3.1	
% COMPACTION % KOMPAKSIE (a)	100+	100+	100+	100+	
% COMPACTION % KOMPAKSIE (b)					
REMARKS OPMERKING	CEMETERY SITE				

I. JESAU
OPERATOR/ OPERATEUR

30.03.2015
DATE/DATUM

Technical Signatory - L. Antonia

SOILLAB
WESTERN CAPE

(EDMS) BPK.
(PTY) LTD.
Reg. No.
2008/003619/
07

ONDERSOEK EN TOETS VAN PAD- EN FONDAMENTMATERIALE
INVESTIGATION AND TESTING OF ROAD & FOUNDATION MATERIALS

Hexrivierstraat 4, Kraaifontein. 7570
4 Hex River Street, Kraaifontein. 7570
email : kraaifontein@soillab.co.za

P.O. Box 6627, Kraaifontein 7572
Tel: (021) 988 7410
988 7437
Fax: (021) 988 6919

LABORATORY TEST REPORT

Test Report No.: SK 9077

Fax no: 021 692 1101

Attention: Josua

No. of pages, including attachments: 10

Name of Client: CORNFIELD CONSTRUCTION

Address of Client: P.O. BOX 250, OTTERY. 7508

Sampling Location: MOUNT PLEASANT- HERMANUS

Description & Condition of Sample(s) upon receipt: GOOD

T0293

Sampling Method / Plan / Procedure: SAMPLED ON SITE

Date of Receipt of Samples: 22.05.2015

Description of Tests Conducted and Methods used: TMH 1 A7 A10(b)

Deviations, Excluding, Additions: NONE

Notes:

1. This report (with attachments) is a correct record of all measurements made and may not be reproduced other than in full and with written approval from a duly authorised representative of Soillab (Pty) Ltd.
2. Results reported in this Test Report relate only to the items tested.
3. Measuring Equipment, traceable to National Standards is used where applicable
4. NOTE: Samples will be disposed of 3 months after received, unless otherwise indicated.

Remarks:

Attachments:

1. 8 X Report sheets

2. 2 X SKETCHES

3. _____

4. _____

Signature: _____

Designation: Technical Signatory – L. Anthonie

Date: 29.05.2015

R.67

Page 1 of 10

SOILLAB

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(PUB) LTD.
Reg. No.
2008/003515/07

WESTERN CAPE
TEL. 988 7410

DENSITY REPORT / KOMPAKSIEVERSLAG



PROJEK/PROJECT:	CORNFIELD CONSTRUCTION: MOUNT PLEASANT HERMANUS	JOB. NO.: SK 9077
LAYER/LAAG:	SUBBASE: LT GREY SANDSTONE	DATE/DATUM: 22.05.2015
		T0293

TEST No. TOETS No.	TEST METHOD	1	2	3	4	5	6
STAKE VALUE/OFF SET PENAFSTAND/AFSTAND		ROAD 1			ROAD 2		
PROBE DEPTH (mm)		50	50	50	50	50	50
LAYER THICKNESS LAAGDIKTE (mm)		75	70	74	78	80	
MOD. AASHTO DENSITY GEW. AASHTO DIGTHEID (kg/m³) (a)	TMH1 A7	2215	2215	2215	2215	2215	2215
% OPTIMUM MOISTURE CONTENT % OPTIMUM VOGINHOUD	TMH1 A7	5.3	5.3	5.3	5.3	5.3	5.3
BRUTO RELATIVE DENSITY BRUTO RELATIEWE DIGTHEID (b)	D14 + D15						
FIELD DENSITY VELDIGTHEID (kg/m³)	TMH1 A10 (b)	2189	2214	2189	2187	2191	2179
% FIELD MOISTURE CONTENT % VELDVOGINHOUD	TMH1 A7	2.4	2.2	2.4	2.0	1.7	2.3
% COMPACTION % KOMPAKSIE (a)		98.8	99.9	98.8	98.7	98.9	98.4
% COMPACTION % KOMPAKSIE (b)							
REMARKS OPMERKING							

LOUIS FARO
OPERATOR/OPERATEUR
29.05.2015
DATE/DATUM

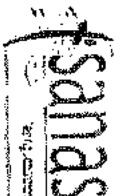
TECHNICAL SIGNATORY - SOILLAB

SOILLAB

(KORNS) BER.
(STY) LAD.
BOG. BO.
2008/005519/07

WESTERN CAPE
TEL. 988 7410

DENSITY REPORT / KOMPAKSIEVERSLAG



PROJEK/PROJECT: CORNFIELD CONSTRUCTION: MOUNT PLEASANT HERMANUS
SUBBASE: LT GREY SANDSTONE
JOB. NO.: SK 9077
DATE/DATUM: 22.05.2015
70293

TEST No. TOETS No.	TEST METHOD	7	8	9	10	11	12
STAKE VALUE/OFF SET PENAFSTAND/AFSTAND		ROAD 3			ROAD 4	ROAD 5	
PROBE DEPTH (mm)		50	50	50	50	50	50
LAYER THICKNESS LAGDIKTE (mm)				90			
MOD. AASHTO DENSITY GEW. AASHTO DIGHTHEID (kg/m ³) (a)	TMH1 A7	2215	2215	2215	2215	2215	2215
% OPTIMUM MOISTURE CONTENT % OPTIMUM VOGINHOUD	TMH1 A7	5.3	5.3	5.3	5.3	5.3	5.3
BRUTO RELATIVE DENSITY BRUTO RELATIEWE DIGHTHEID (b)	D14 + D15						
FIELD DENSITY VELDDIGHTHEID (kg/m ³)	TMH1 A10 (b)	2139	2156	2154	2156	2139	2172
% FIELD MOISTURE CONTENT % VELDVOGINHOUD	TMH1 A7	3.2	3.8	3.9	3.2	3.2	3.0
% COMPACTION % KOMPAKSIE (a)		96.6	97.3	97.2	97.4	96.6	98.1
% COMPACTION % KOMPAKSIE (b)							
REMARKS OPMERKING							

LOUIS FARO
OPERATOR/OPERATEUR

29.05.2015
DATE/DATUM

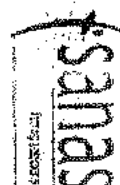
TECHNICAL SIGNATORY-SOILLAB

SOILLAB

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Reg. No.
2008/003929/07

WESTERN CAPE
TEL. 988 7410

DENSITY REPORT / KOMPAKSIEVERSLAG



PROJEK/PROJECT: CORNFIELD CONSTRUCTION: MOUNT PLEASANT HERMANUS
JOB. NO.: SK 9077
DATE/DATUM: 22.05.2015

LAYER/LAAG: SUBBASE: LT GREY SANDSTONE

TEST No. TOETS No.	TEST METHOD	13	14	15	16
STAKE VALUE/OFF SET PENAFSTAND/AFSTAND	ROAD 6	ROAD 7	ROAD 8	ROAD 9	
PROBE DEPTH (mm)					
LAYER THICKNESS LAAGDIKTE (mm)					
MOD. AASHTO DENSITY GEW. AASHTO DIGTHEID (kg/m ³) (a)	TMH1 A7 2215	2215	2215	2215	
% OPTIMUM MOISTURE CONTENT % OPTIMUM VOIGINHOUD	TMH1 A7 5.3	5.3	5.3	5.3	
BRUTO RELATIVE DENSITY BRUTO RELATIEWE DIGTHEID (b)	D14 + D15				
FIELD DENSITY VELDDIGTHEID (kg/m ³)	TMH1 A10 (b) 2140	2116	2140	2187	
% FIELD MOISTURE CONTENT % VELDVOCGINHOUD	TMH1 A7 2.4	2.2	2.4	2.0	
% COMPACTION % KOMPAKSIE (a)	96.6	95.5	96.6	98.7	
% COMPACTION % KOMPAKSIE (b)					
REMARKS OPMERKING					

LOUIS FARO
OPERATOR/OPERATEUR

29.05.2015
DATE/DATUM

TECHNICAL SIGNATORY-SOILLAB

SOILLAB

(PT) LTD.
Reg. No.
2008/033519/09

WESTERN CAPE
TEL. 988 7410

DENSITY REPORT / KOMPAKSIEVERSLAG



PROJEK/PROJECT: CORNFIELD CONSTRUCTION: MOUNT PLEASANT HERMANUS
SUBBASE: LT GREY SANDSTONE
JOB. NO.: SK 9077
DATE/DATUM: 25.05.2015
T0293

TEST No. TOETS No.	TEST METHOD	MOD							
STAKE VALUE/OFF SET PENAFSTAND/AFSTAND									
PROBE DEPTH (mm)									
LAYER THICKNESS LAAGDIKTE (mm)									
MOD. AASHTO DENSITY GEW. AASHTO DIGTHEID (kg/m ³) (a)	TMH1 A7	2215							
% OPTIMUM MOISTURE CONTENT % OPTIMUM VOIGINHOUD	TMH1 A7	5.3							
BRUTO RELATIVE DENSITY BRUTO RELATIEWE DIGTHEID (b)	D14 + D15								
FIELD DENSITY VELDIGTHEID (kg/m ³)	TMH1 A10 (b)								
% FIELD MOISTURE CONTENT % VELDVOGINHOUD	TMH1 A7								
% COMPACTION % KOMPAKSIE (a)									
% COMPACTION % KOMPAKSIE (b)									
REMARKS OPMERKING									

Document No.: R.09

Effective Date: 03 May 2005

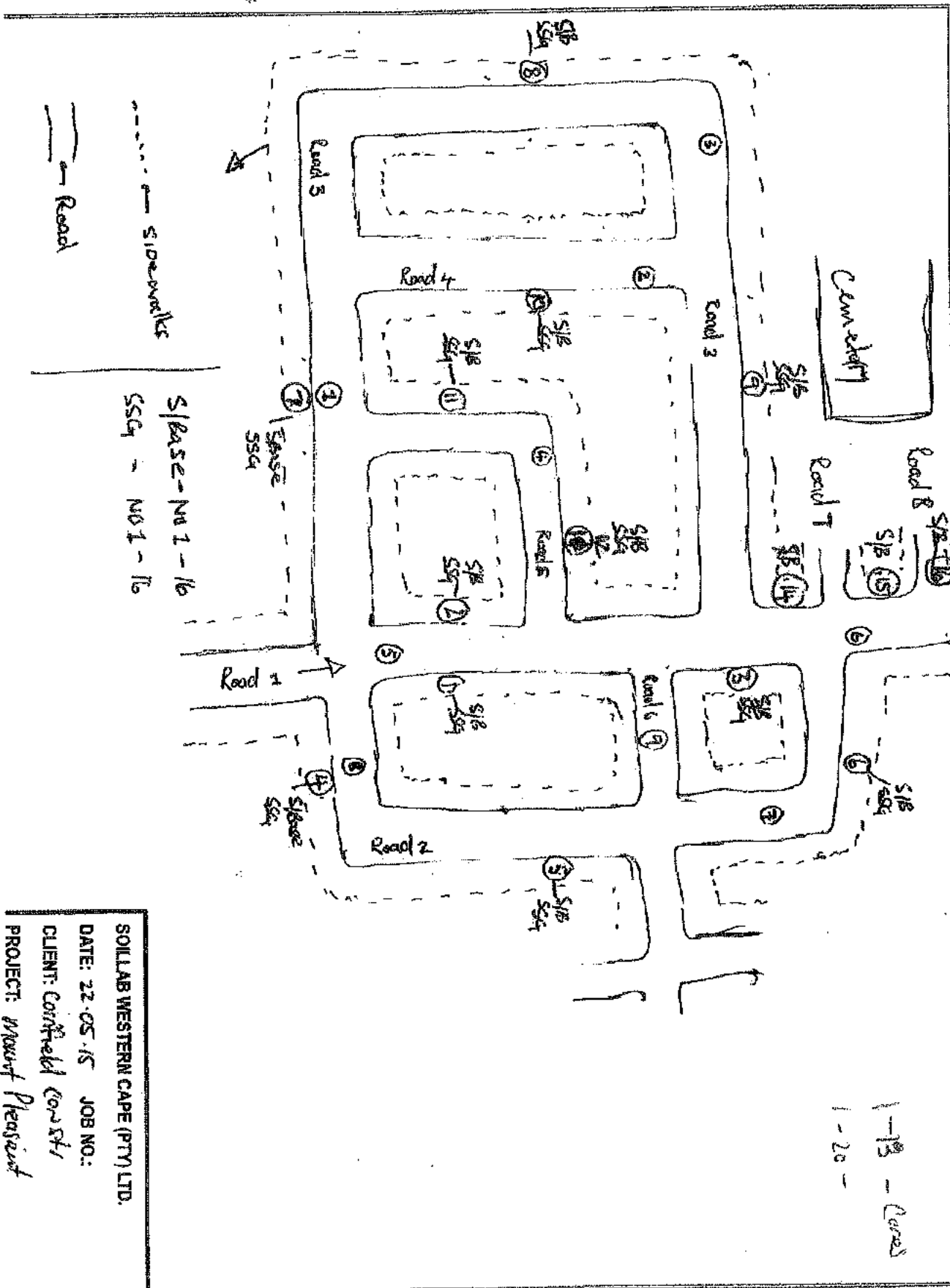
MANUEL FORTUIN
OPERATOR/OPERATEUR

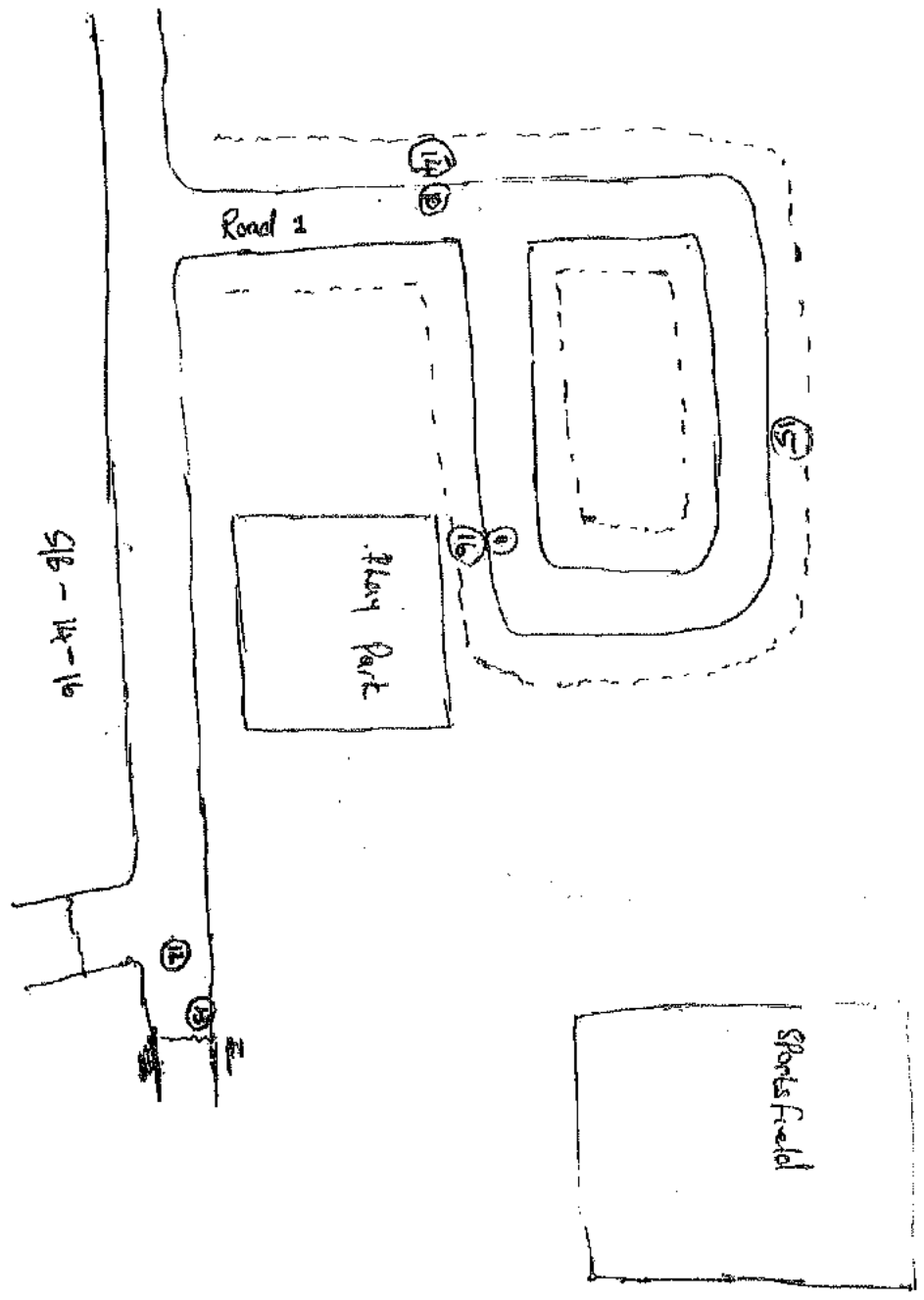
29.05.2015
DATE/DATUM

TECHNICAL SIGNATORY: SOILLAB

Page 5 of 10

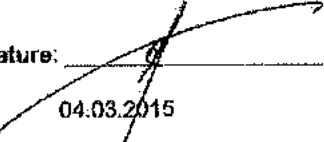
or





SOLLAB WESTERN CAPE (PTY) LTD.
 DATE: 22.05.15 JOB NO.:
 CLIENT: Cornfield Const.
 PROJECT: Mountain Pleasent
 Hermanus

SOILLAB WESTERN CAPE	(EDMS) BPK. (PTY) LTD. Reg. No. 2008/003519/ 07	ONDERSOEK EN TOETS VAN PAD- EN FONDAMENTMATERIALE INVESTIGATION AND TESTING OF ROAD & FOUNDATION MATERIALS
Hexrivierstraat 4, Kraaifontein. 7570 4 Hex River Street, Kraaifontein. 7570 email : kraaifontein@soillab.co.za	P.O. Box 6627, Kraaifontein 7572 Tel: (021) 988 7410 988 7437 Fax: (021) 988 6919	
<u>LABORATORY TEST REPORT</u>		
Test Report No.: SK 8650	Fax no: 021 692 1101	Attention: JOSHUA
No. of pages, including attachments: 2		
Name of Client: CORNFIELD CONSTRUCTION	<i>f. sanas</i>	
Address of Client: P.O. BOX 250, OTTERY. 7508		
Sampling Location: HERMANUS OPP CTM		
Description & Condition of Sample(s) upon receipt: GOOD	T0293	
Sampling Method / Plan / Procedure: COLLECTED		
Date of Receipt of Samples: 26.01.2015		
Description of Tests Conducted and Methods used: TMH 1 A1-A5,A7, A8		
Deviations, Excluding, Additions: NONE		
<u>Notes:</u>		
<ol style="list-style-type: none"> 1. This report (with attachments) is a correct record of all measurements made and may not be reproduced other than in full and with written approval from a duly authorised representative of Soillab (Pty) Ltd. 2. Results reported in this Test Report relate only to the items tested. 3. Measuring Equipment, traceable to National Standards is used where applicable 4. NOTE: Samples will be disposed of 3 months after received, unless otherwise indicated. 		
<u>Remarks:</u>		
<hr/> <hr/>		
<u>Attachments:</u>		
1. 1 X REPORT SHEET	2. _____	
3. _____	4. _____	
Signature: <u><i>[Signature]</i></u>	Designation: SOILLAB WESTERN CAPE	
Date: 05.02.2015		

SOILLAB WESTERN CAPE	(EDMS) BPK. (PTY) LTD. Reg. No. 2008/003519/ 07	ONDERSOEK EN TOETS VAN PAD- EN FONDAMENTMATERIALE INVESTIGATION AND TESTING OF ROAD & FOUNDATION MATERIALS
Hexrivierstraat 4, Kraaifontein. 7570 4 Hex River Street, Kraaifontein. 7570 email : kraaifontein@soillab.co.za	P.O. Box 6627, Kraaifontein 7572 Tel: (021) 988 7410 988 7437 Fax: (021) 988 6919	
<u>LABORATORY TEST REPORT</u>		
Test Report No.: SK 8759	Fax no: 021 692 1101	Attention: JOSHUA
No. of pages, including attachments: 4		
Name of Client: CORNFIELD CONSTRUCTION	<i>Soillab</i>	
Address of Client: P.O. BOX 250, OTTERY. 7608		
Sampling Location: HERMANUS OPP CTM		
Description & Condition of Sample(s) upon receipt: GOOD		T0293
Sampling Method / Plan / Procedure: SAMPLED ON SITE		
Date of Receipt of Samples: 03.03.2015		
Description of Tests Conducted and Methods used: TMH 1 A7, A10(b)		
Deviations, Excluding, Additions: NONE		
<u>Notes:</u>		
<ol style="list-style-type: none"> 1. This report (with attachments) is a correct record of all measurements made and may not be reproduced other than in full and with written approval from a duly authorised representative of Soillab (Pty) Ltd. 2. Results reported in this Test Report relate only to the items tested. 3. Measuring Equipment, traceable to National Standards is used where applicable 4. NOTE: Samples will be disposed of 3 months after received, unless otherwise indicated. 		
<u>Remarks:</u>		
<hr/> <hr/>		
<u>Attachments:</u>		
1. 2 X REPORT SHEETS	2. 1 X SKETCH	
3. _____	4. _____	
Signature: 	Designation: Technical Signatory – L. Anthonie	
Date: 04.03.2015		

SOILLAB

(SODS) BPR.
(PTY) LTD.
Reg. No.
2008/003519/07

WESTERN CAPE
TEL. 988 7410

DENSITY REPORT / KOMPAKSIEVERSLAG

Signature

PROJECT/PROJECT:	Corrfield Construction: Hermanus Opp CTM	JOB. NO.: SK8759
LAYER/LAG:	Light grey sandy gravel	DATE/DATUM: 03.03.2015
		70293

TEST No. TOETS No.	TEST METHOD	SV 165 ROAD 3 2.5M LHS	SV 200 ROAD 3 2.0M LHS	SV 230 ROAD 3 2.0M LHS	SV 275 ROAD 3 2.2M LHS	SV 15 ROAD 4.25M RHS	SV 50 ROAD 4.20M LHS	
STAKE VALUE/OFF SET PENAFSTAND/AFSTAND								
LAYER THICKNESS LAGDIKTE	(mm)	150	150	150	150	150	150	
MOD. AASHTO DENSITY GEW. AASHTO DIGTHEID	(kg/m ³) (a)	1885	1885	1885	1885	1885	1885	
% OPTIMUM MOISTURE CONTENT % OPTIMUM VOGINHOUD		10.0	10.0	10.0	10.0	10.0	10.0	
BRUTO RELATIVE DENSITY BRUTO RELATIEWE DIGTHEID	(b)	D14 + D15						
FIELD DENSITY VELDDIGTHEID	(kg/m ³)	TMH1 A10 (b)	1977	1897	1882	1884	1884	1915
% FIELD MOISTURE CONTENT % VELDVOGINHOUD		TMH1 A7	7.2	6.9	8.4	7.0	6.8	5.8
% COMPACTION % KOMPAKSIE	(a)		100+	100+	99.9	100+	100+	100+
% COMPACTION % KOMPAKSIE	(b)							
REMARKS OPMERKING	Previous MOD used from SK8650							

Manual
OPERATOR/ OPERATEUR
DATE/DATUM

08.12.2014
Technical Signatory - L. Anthonie

CHINA ROAD & BRIDGE CONSTRUCTION
P.O. BOX 114
MOUNTAIN VIEW
TEL: (0086) 20 51081111
FAX: (0086) 20 51081111

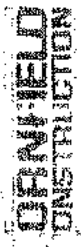
LAYER THICKNESS REPORT

CONTRACT NAME: HEE HANUS MOUNT PLEASANT ONESTRAND ROAD NAME: ROAD DATE:

Stake Value	Left Edge of Carriageway						Centre of Carriageway						Right Edge of Carriageway						
	Actual Levels			Thickness			Actual Levels			Thickness			Actual Levels			Thickness			
	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Subbase C-B	Base C	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Subbase C-B	Base C	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Subbase C-B	Base C	
10	670		525			525	665				525			6					525
20	675		525			525	670				525								525
40	685		525			530	680				530								530
50	690		530			530	690				530								525
72	690		525			525	670				525								525
80	675		530			530	675				530								525
105	670		530			530	675				530								525
115	680		530			535	680				535								530
125	675		520			530	680				530								530
150	665		525			525	670				525								525
175	685		525			530	675				530								525
185	680		520			530	690				530								520
193	665		525			520	665				520								525
233	665		525			520	665				520								525
243	670		525			525	670				525								525

ENGINEER'S REPRESENTATIVE:.....

SITE AGENT:.....



DATE: 12/10/2011
 ROAD NAME: HEPTANUS MOUNT PLEASANT OVESTRAVA
 CONTRACT NAME: HEPTANUS MOUNT PLEASANT OVESTRAVA
 DATE: 2011/12/10

LAYER THICKNESS REPORT

Stake Value	Left Edge of Carriageway						Centre of Carriageway						Right Edge of Carriageway						
	Actual Levels			Thickness			Actual Levels			Thickness			Actual Levels			Thickness			
	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Base C-B	Base C	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Base C-B	Base C	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Base C-B	Base C	
10	660		525			540	660	540	540		540	660	540	540		540	660	540	540
20	670		520			535	670	535	535		535	665	530	530		530	665	530	530
26	670		525			525	680	525	525		525	670	525	525		525	670	525	525
40	685		525			525	685	525	525		525	690	525	525		525	685	525	525
50	670		525			525	685	525	525		525	680	525	525		525	680	525	525
60	665		530			530	680	530	530		530	675	530	530		530	675	530	530
70	660		530			530	685	530	530		530	675	530	530		530	675	530	530
80	680		525			530	675	530	530		530	680	530	530		530	680	530	530
90	680		530			530	690	530	530		530	670	530	530		530	670	530	530
100	685		525			535	675	535	535		535	685	535	535		535	685	535	535
110	680		540			540	675	540	540		540	665	540	540		540	665	540	540
120	670		525			540	660	540	540		540	670	540	540		540	670	540	540
130	675		535			535	675	535	535		535	675	535	535		535	675	535	535
160	695		525			530	680	530	530		530	665	530	530		530	665	530	530
170	670		535			530	690	530	530		530	665	530	530		530	665	530	530

ENGINEER'S REPRESENTATIVE.....

SITE AGENT.....

LAYER THICKNESS REPORT

CONTRACT NAME: HEBMANUS ROAD PLEASANT OVERSTRAINS ROAD NAME: ROAD 3 DATE: _____

Stake Value	Left Edge of Carriageway						Centre of Carriageway						Right Edge of Carriageway						
	Actual Levels			Thickness			Actual Levels			Thickness			Actual Levels			Thickness			
	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Base C	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Base C	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Base C	Lower Subbase A	Upper Subbase B	Base C	
10	695		520			670		520			665		520			670		525	
20	699		520			675		520			675		520			670		525	
30	670		525			680		520			680		520			670		525	
40	670		525			680		520			670		525			670		525	
62	665		525			670		525			665		525			670		520	
70	670		525			670		520			670		525			670		520	
91	670		525			665		525			665		525			665		525	
100	665		525			680		525			680		525			675		525	
106	680		520			675		525			675		525			675		520	
120	688		525			670		525			670		520			675		525	
131	670		525			665		525			665		525			670		525	
140	660		525			670		520			670		520			680		525	
150	665		525			670		525			670		525			670		525	
160	675		520			670		525			670		525			675		525	
170	670		520			680		520			680		520			675		520	

SITE AGENT: ENGINEER'S REPRESENTATIVE:

LAYER THICKNESS REPORT												
CONTRACT NAME: HERMANUS MOUNTAINS ROAD 4 ROAD NAME: ROAD 4 DATE:												
Stake Value	Left Edge of Carriageway			Centre of Carriageway			Right Edge of Carriageway			Thickness		
	Lower Subbase A	Upper Subbase B	Base C	Lower Subbase A	Upper Subbase B	Base C	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Upper Subbase B-A	Base C-B
10	675	530		610	530		675	530		675	530	
20	670	535		665	535		660	535		660	535	
30	665	535		660	530		670	530		670	530	
40	675	535		675	535		680	535		680	530	
50	680	530		670	535		675	530		675	530	
60	675	530		675	530		670	530		670	530	

ENGINEER'S REPRESENTATIVE:

SITE AGENT:

LAYER THICKNESS REPORT

CONTRACT NAME: HECMANUS MOUNT PLEASANT OVERSTRAND ROAD NAME: ROAD 5 DATE: _____

Stake Value	Left Edge of Carriageway						Centre of Carriageway						Right Edge of Carriageway					
	Actual Levels			Thickness			Actual Levels			Thickness			Actual Levels			Thickness		
	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Base C	Lower Subbase A	Upper Subbase B	Base C	Lower Subbase A	Upper Subbase B	Base C	Lower Subbase A	Upper Subbase B	Base C	Lower Subbase A	Upper Subbase B	Base C	
10	680		585			675		530			665		525				525	
20	660		525			610		530			615		530				530	
26	670		525			660		505			690		530				530	
37	675		530			670		520			685		525				525	
40	670		525			685		525			680		530				530	
50	676		525			690		530			675		530				525	
60	675		520			690		530			690		530				525	
70	695		525			690		525			695		525				525	

SITE AGENT: ENGINEER'S REPRESENTATIVE:

SPORTSFIELD

LAYER THICKNESS REPORT

Ike Value	ROAD NAME : SPORTSFIELD CJ												DATE :					
	Left Edge of Carriageway						Centre of Carriageway						Right Edge of Carriageway					
	Actual Levels			Thickness			Actual Levels			Thickness			Actual Levels			Thickness		
	Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Base C-B		Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Base C-B		Lower Subbase A	Upper Subbase B	Base C	Upper Subbase B-A	Base C-B	
10	530	675				530	675					530	675					
20	530	670				525	665					525	665					
30	525	665				520	660					520	660					
40	530	680				525	675					525	675					
50	525	660				520	660					520	660					
74	525	675				525	675					525	675					
100	525	675				525	675					525	675					
180	525	665				525	665					525	665					
180	530	675				530	675					530	675					

ENGINEER'S REPRESENTATIVE.....

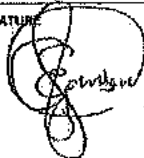
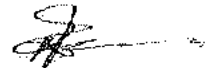
TE AGENT.....

Appendix G
Enviromental Audit Report

N/A

Document Control**Form IP180_B**

CLIENT : Motlekar Cape (Pty) Ltd
 PROJECT NAME : Construction of Civil Infrastructure in ZWELIHLE
 PROJECT NO : J31317
 TITLE OF DOCUMENT : Close Out Report
 ELECTRONIC LOCATION : P:\J31317 (Zwelihle Low Cost Housing)\A_Project Management\Documents\Reports\Mount Pleasant

	Approved By	Reviewed By	Prepared By
ORIGINAL	NAME C September	NAME G Jansen	NAME A Perrang (RE)
DATE 09 March 2017	SIGNATURE	SIGNATURE 	SIGNATURE 

	Prepared By	Prepared By	Prepared By
ORIGINAL	NAME	NAME	NAME
DATE	SIGNATURE	SIGNATURE	SIGNATURE

	Approved By	Reviewed By	Prepared By
REVISION	NAME	NAME	NAME
DATE	SIGNATURE	SIGNATURE	SIGNATURE

This report, and information or advice, which it contains, is provided by GIBB (or any of its related entities) solely for internal use and reliance by its Client in performance of GIBB's duties and liabilities under its contract with the Client. Any advice, opinions, or recommendations within this report should be read and relied upon only in the context of the report as a whole. The advice and opinions in this report are based upon the information made available to GIBB at the date of this report and on current South African standards, codes, technology and construction practices as at the date of this report. Following final delivery of this report to the Client, GIBB will have no further obligations or duty to advise the Client on any matters, including development affecting the information or advice provided in this report. This report has been prepared by GIBB in their professional capacity as Consulting Engineers. The contents of the report do not, in any way, purport to include any manner of legal advice or opinion. This report is prepared in accordance with the terms and conditions of the GIBB contract with the Client. Regard should be had to those terms and conditions when considering and/or placing any reliance on this report. Should the Client wish to release this report to a Third Party for that party's reliance, GIBB may, at its discretion, agree to such release provided that:

- (a) GIBB's written agreement is obtained prior to such release, and
- (b) By release of the report to the Third Party, that Third Party does not acquire any rights, contractual or otherwise, whatsoever against GIBB and GIBB, accordingly, assume no duties, liabilities or obligations to that Third Party, and
- (c) GIBB accepts no responsibility for any loss or damage incurred by the Client or for any conflict of GIBB interests arising out of the Client's release of this report to the Third Party.

GIBB (Pty) Ltd		Website	: www.gibb.co.za
Postal Address	: PO Box 3965 Cape Town 8000	Physical Address	: 14 Kloof St, Gardens 8001
Contact Person	: Clive September	Email Address	: cseptember@gibb.co.za
Telephone No.	: 021 469 9100	Fax No.	: 021 424 5571



ANNEXURE B



Inc.

Our Ref.: 977.b01

29 July 2015

Supplier to A1 (Pty) Ltd Va Molekar
1 Boland Way
7550, Durbanville

Attention: Mr. Kops Pretorius

Sir,

NHBRC – B1: ZWELIHLE, GARDEN SITE, HERMANUS – MOUNT PLEASANT ERVEN
11870 – 11891, 11893 – 11842 AND 11944 – 12044

Attached hereto please find the B1 for the above-mentioned erven.

Please note the following:

- JS van Eeden Pr. Eng -- ECSA Registration number 940265
- NHBRC barcode number 17321

Please do not hesitate to contact us should you require any additional information.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'J.S. van Eeden'.

J.S. van Eeden (Pr. Eng.)
For JVE Civil Engineers Incorporated

NHBRC Central Office
10 Maywell Road South
Phase 4 Medicinema Building
Brynston, Johannesburg
P.O. Box 441
Randburg, 2125
Dooer 06 Randburg.
Toll Free No. 080 0260 824
Frans Hoopse 080 0262 505
Tel: +27(0)11 817 0000
Fax: +27(0)11 347 0000
www.nhbrc.co.za



APPENDIX B1 - (Appointment of Competent Person: Rational Design) (v1)

Please complete all blocks individually. Write in black pen.

SECTION A: HOME BUILDER DETAILS

Registration Number: R 19015 Company Name: OVERSTRAND MUNICIPALITY

SECTION B: PROPERTY DETAILS

Unit: AS PER ANNEXURE 977.601
 Band: AS PER ANNEXURE 977.601
 Township: UE R MANLIS
 Region (Please tick one box only):
 Free State Gauteng KZNatal Limpopo Mpumalanga N/Cape N/Free Province W/Lesotho E/Dage Limpopo

SECTION C: APPENDIX DETAILS

RD1 RD5 RD9 RD15 F6
 RD2 RD6 RD10 F3 F7
 RD3 RD7 RD11 F4 F8
 RD4 RD8 RD12 F5 F9

Please see reverse of this sheet for a full explanation of each rational design. You may select more than one item.

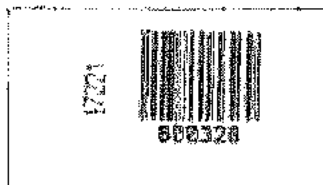
SECTION D: CONDITIONS & COMPETENT PERSON DETAILS

- The competent person mentioned below has been appointed by the Home Builder and undertakes to accept responsibility for providing the Home Builder and the NHBRC's inspectors with such drawings, details and particulars as may be required in terms of the requirements as set out in the Home Building Manual. In so far as such drawings, details and particulars may refer to work of a structural nature, such person has further undertaken to inform the NHBRC's inspectors if it appears that any structural work is being carried out in a manner which may endanger the structural integrity of the building or any adjoining building or structure.
- Should the above appointment be terminated before completion of the work is completed, the Home Builder and the Competent Person undertake to inform the NHBRC accordingly and, where necessary, the Home Builder undertakes to make a new appointment.
- The above-mentioned competent person also undertakes to comply with the Building Standards Act 103 of 1977 (as amended), and especially the completion of the Form referred to in Regulation A16 for the local Authority.

Competent Person Read

Please read the above conditions thoroughly. By signing the box below you are accepting all the conditions mentioned.

Bar Code



Competent Person Name

SS VAN ETTEN

Signature

[Handwritten Signature]

Date Competent Person Signed

29/07/2015
d d m m y y y y

Home Builder Representative

J. J. PRETORIUS

Signature

[Handwritten Signature]

Date Home Builder Signed

03/08/2015
d d m m y y y y



inc.

Our Ref.: 977.b04

4 April 2018

Supplier to All (Pty) Ltd t/a Mofokar
1 Boland Way
7550, Durbanville

Attention: Mr. Koos Pretorius

Sir,

NHRC -- D1: ZWELIHLI GARDEN SITE HERMANUS -- MOUNT PLEASANT ERVEN
11870 - 11891, 11893 - 11942 AND 11944 - 12044

Attached hereto please find the D1 for the above-mentioned erven.

Please note the following:

- JS van Eeden Pr. Eng – ECSA Registration number 840265
- NHRC barcode number 18478

Please do not hesitate to contact us should you require any additional information.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'J.S. van Eeden'.

J.S. van Eeden (Pr. Eng.)
For JVE Civil Engineers Incorporated

NHBRC Central Office
18 Muesel Road Suite
Phase 4 Medschuur Building
Orymposh Johannesburg
P.O. Box 461
Moreleta, 2028
Dorcas St Moreleta
Tel: Free No. 086 6206 020
Local Numbers 011 020 080
Tel: +27(0)11 317 0800
Fax: +27(0)11 317 0800
www.nhbrc.org



APPENDIX D1 - Completion Certificate by Competent Person, Satisfactory Completion of Structural Work (v1)

Please complete all blocks individually. Write in black pen.

SECTION A HOME BUILDER DETAILS

Registration Number: R 19 of 16
Company Name: OVERSTAND CONSTRUCTION

SECTION B PROPERTY DETAILS

Unit: 15 PER ANNEVILLE 1477 - B04
Investor: JES P O P S
Region (Please tick one item only):
 Free State Eastern KZN Mpumalanga Northern North West Western Free State Eastern Free State Eastern

SECTION C APPENDIX DETAILS

RD1 RD2 RD3 RD4
 RD5 RD6 RD7 RD8
 RD9 RD10 RD11 RD12
 RD13 F1 F2
 F3 F4 F5
 F6 F7 F8

Please tick relevant to this phase for a full completion of each original design. You may select more than one item.

SECTION D DECLARATION/CONDITIONS & COMPETENT PERSON DETAILS

I, being the Competent Person appointed by the above mentioned Home Builder, in accordance with the Certificate of Appointment of Competent Person: Building Design (Appendix 1) hereby certify that I have inspected the work during the course of construction and have found the work to be in accordance with my design and/or requirements.

Consent/Conditions

Please read the above conditions thoroughly. By signing the form and returning this document you are accepting all the conditions mentioned.

Bar Code



Competent Person Name

ES JAM BORNAL

Signature

[Handwritten Signature]

Date Competent Person Signed: 04/04/2016
d d m m y y y y

Home Builder Representative

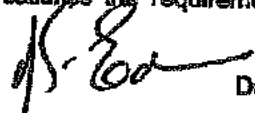
J J Frederiks

Signature

[Handwritten Signature]

Date Home Builder Signed: 11/04/2016
d d m m y y y y

SANS 10400-A:2010
Edition 3NATIONAL BUILDING REGULATIONS AND
BUILDING STANDARDS ACT, 1977 (Act No. 103 of 1977)

FORM 4	CERTIFICATE OF COMPLETION OF THE STRUCTURAL, FIRE PROTECTION OR FIRE INSTALLATION SYSTEM IN TERMS OF SECTION 14(2A) OF THE ACT
<i>(This form is to be completed upon the completion of the construction, erection or installation of the structural system, the fire protection system or the fire installation system. No alterations or qualifications are permitted.)</i>	
<p>To: <i>(Name of Local Authority)</i></p> <p>*Erf/Holding/Portion No.: 11870</p> <p>*Township/Agricultural holding/Farm name: HELMANS</p> <p>Street address:</p>	
<p>Nature of project: <i>(insert proposed new building(s), or building alteration, building addition, re-erection of building, refurbishment of building or structural repair to existing building, as relevant.)</i></p>	
<p>I, JS VAN EEDEN <i>(Name of approved competent person)</i></p> <p>Address: 21 CHURCH STREET DURBANVILLE</p> <p>Tel. No.: 021 975 0330 Fax No.: 021 977 0331</p> <p>Email: info@jve.co.za.</p> <p>of. JVE CIVIL ENGINEERS INC. <i>(If representing a partnership, association, company or incorporated body, the name thereof)</i></p>	
<p>hereby certify as required by section 14(2A) of the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977) that for the above project*</p> <p><input checked="" type="checkbox"/> the structural system <input type="checkbox"/> the fire protection system <input type="checkbox"/> the fire installation system</p>	
<p>for which I am responsible has, to the best of my knowledge, been designed and *constructed/erected/installed in accordance with the application in respect of which approval was granted in terms of section 7 of the Act and that it satisfies the requirements of the National Building Regulations.</p>	
<p>Signature of Approved Competent Person:  Date 05/04/2016</p> <p>Professional registration number: 940265 <i>(insert number)</i> Registration council: ECSA</p>	
<p>(* Tick relevant box(es).)</p>	



Annexure 1
DEPARTMENT OF LABOUR
OCCUPATIONAL HEALTH AND SAFETY ACT, 1993
CERTIFICATE OF COMPLIANCE

<p>Certificate of compliance in accordance with regulation 7(1) of the Electrical Installation Regulations, 2008.</p> <p>CERTIFICATE NO. RHW 52852</p> <p>Initial Certificate <input type="checkbox"/> Supplementary Certificate <input type="checkbox"/></p>	<p>Supplement No. _____ to Initial Certificate No. _____ as issued on: _____</p> <p>Identification of the relevant electrical installation (Address or other unique reference, where applicable) Physical address: _____</p> <p>Name of building: _____ GPS Coordinates: _____</p> <p>Suburb / Township: <u>Albert Lenzini</u> File number: _____</p> <p>District / City: <u>George</u> Et / Lot No: <u>1/870</u></p> <p>Declaration by registrant/inspector: _____ ID No.: <u>650873523716</u></p> <p>I, a registered person, declare that I have personally carried out the inspection and testing of the electrical installation described in the attached test report as per the requirements of: (Tick appropriate box) a) electrical installation regulations 923 (a) (existing electrical installation); or <input checked="" type="checkbox"/> b) electrical installation regulations 923 (b) (existing electrical installation); or <input type="checkbox"/> c) electrical installation regulations 923 (c) (new part to existing installation) <input type="checkbox"/> and deem the installation to be reasonably safe when properly used.</p> <p>I have entered the number of this certificate on the attached test report(s).</p> <p>I declare that the persons responsible for the design, specification, procurement, construction, commissioning and inspection and test have completed the relevant sections of the test report.</p> <p>Registered person registration number: <u>05965</u> Date of registration: <u>25/05/2016</u></p> <p>Type of registration: (Tick appropriate box) <input type="checkbox"/> Electrical tester for single phase <input type="checkbox"/> Installation electrician <input checked="" type="checkbox"/> Master installation electrician <input type="checkbox"/></p> <p>Signature: <u>A. C. M. Kgosi</u> Date: <u>21/03/2016</u></p> <p>Contact details of registered person: Address: _____ Fac. No.: _____ Email: _____ Tel. No.: _____</p> <p>Call No.: _____</p> <p>NOTE 1. This certificate is not valid unless all the sections have been completed correctly and the test report in the format appear as by the chief inspector is attached. 2. This certificate will be invalid if any corrections have been made.</p> <p>Declaration by electrical contractor: <u>A. C. M. Kgosi</u> I declare that the electrical installation has been carried out in accordance with the requirements of the Occupational Health and Safety Act, 1993, and regulations made thereunder.</p> <p>Electrical contractor registration number: <u>FS 00004 (re)</u> Date of registration: <u>05/10 - 06/11</u></p> <p>Signature: _____ Fac. No.: _____</p> <p>Contact details of electrical contractor: Name: <u>Henry Mphahlele</u> Address: <u>Spencers Lane, Durban</u> Fac. No.: _____ Email: _____ Tel. No.: _____ Call No.: <u>076-741-0002</u></p> <p>Recipient name: _____ Signature: _____ Date: _____</p>
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<p>Comments: _____</p> <p>Comments on parts of the installation not covered by this report: _____</p> <p>SECTION 5 - RESPONSIBILITY NOTE - For existing installations, complete only 5.4. For new/retired/temporary installations, if no signature appears in 5.1 to 5.5 the signatory or 5.4 takes responsibility. Where there are five or more installers on the same supply a competent person signs 5.5</p> <p>5.1 DECLARE. I being the person responsible for the DESIGN of the electrical installation particulars of which are described in section 3 of this form, CERTIFY that the work for which I have been responsible, is to the best of my knowledge and belief in accordance with the relevant legislation. The extent of my liability is limited to the installation described in section 3 of this form.</p> <p>For the DESIGN of the installation: Name (in block letters): _____ Position: _____ Address: _____</p> <p>Signature: _____ Date: _____</p> <p>5.2 MATERIAL SPECIFICATION / PROCUREMENT. I/We, being the person(s) responsible for the MATERIAL SPECIFICATION / PROCUREMENT for the electrical installation, particulars of which are described in section 3 of this form, CERTIFY that the equipment that I/we have procured, is to the best of my knowledge and belief in accordance with the relevant legislation. The extent of liability of the signatory is limited to the installation described in section 3 of this form.</p> <p>For the MATERIAL SPECIFICATION / PROCUREMENT: Name (in block letters): _____ Position: _____ Address: _____</p> <p>Signature: _____ Date: _____</p> <p>5.3 CONSTRUCTION. I/We, being the person(s) responsible for the CONSTRUCTION of the electrical installation, particulars of which are described in section 3 of this form, CERTIFY that the work for which I/we have been responsible, is to the best of my knowledge and belief in accordance with the relevant legislation. The extent of liability of the signatory is limited to the installation described in section 3 of this form.</p> <p>For the CONSTRUCTION of the installation: Name (in block letters): <u>A. C. M. Kgosi</u> Position: _____ Address: _____ For and on behalf of contractor: _____ Date: <u>21/03/2016</u></p> <p>Signature: _____ Date: _____</p> <p>5.4 INSPECTION AND TESTS. I, being the person responsible for the INSPECTION AND TESTING of the electrical installation, particulars of which are described in section 3 of this form, CERTIFY that the inspection and testing were done in accordance with the part of SANS 10142, that the results obtained and reflected on this report, are correct and indicate:</p> <p><input type="checkbox"/> (for installation work performed since the publication of this part of SANS 10142), complies with this standard or <input type="checkbox"/> (for an installation that existed before the publication of this part of SANS 10142), that the installation complies with the general safety principles of this standard and is reasonably safe.</p> <p>The extent of my liability is limited to the installation described in section 3 of this form.</p> <p>Name of registered person: <u>A. C. M. Kgosi</u> Registration Certificate No.: _____ <input checked="" type="checkbox"/> Single-phase tester <input checked="" type="checkbox"/> Master installation electrician <input checked="" type="checkbox"/> Installation electrician <input type="checkbox"/> Single-phase tester</p> <p>Signature: <u>A. C. M. Kgosi</u> Date: <u>21/03/2016</u></p> <p>Tel. No.: _____</p> <p>5.5 COMPLIANCE OF INSTALLATION FROM COMMENCEMENT TO COMPLETION. I, _____, being the person responsible to ensure that the electrical installation, particulars of which are described in section 3 of this form and which is one of five or more installations on the same supply, CERTIFY that the installation was done in accordance with SANS 10142-A.</p> <p><input type="checkbox"/> An Approved Inspection Authority for electrical installations <input type="checkbox"/> A competent person as defined <input type="checkbox"/> A professionally registered person Category of professional registration: _____ Registration No.: _____</p> <p>Name (in block letters): _____ Address: _____</p> <p>Signature: _____ Date: _____</p>	<p>Comments: _____</p> <p>Comments on parts of the installation not covered by this report: _____</p> <p>SECTION 5 - RESPONSIBILITY NOTE - For existing installations, complete only 5.4. For new/retired/temporary installations, if no signature appears in 5.1 to 5.5 the signatory or 5.4 takes responsibility. Where there are five or more installers on the same supply a competent person signs 5.5</p> <p>5.1 DECLARE. I being the person responsible for the DESIGN of the electrical installation particulars of which are described in section 3 of this form, CERTIFY that the work for which I have been responsible, is to the best of my knowledge and belief in accordance with the relevant legislation. The extent of my liability is limited to the installation described in section 3 of this form.</p> <p>For the DESIGN of the installation: Name (in block letters): _____ Position: _____ Address: _____</p> <p>Signature: _____ Date: _____</p> <p>5.2 MATERIAL SPECIFICATION / PROCUREMENT. I/We, being the person(s) responsible for the MATERIAL SPECIFICATION / PROCUREMENT for the electrical installation, particulars of which are described in section 3 of this form, CERTIFY that the equipment that I/we have procured, is to the best of my knowledge and belief in accordance with the relevant legislation. The extent of liability of the signatory is limited to the installation described in section 3 of this form.</p> <p>For the MATERIAL SPECIFICATION / PROCUREMENT: Name (in block letters): _____ Position: _____ Address: _____</p> <p>Signature: _____ Date: _____</p> <p>5.3 CONSTRUCTION. I/We, being the person(s) responsible for the CONSTRUCTION of the electrical installation, particulars of which are described in section 3 of this form, CERTIFY that the work for which I/we have been responsible, is to the best of my knowledge and belief in accordance with the relevant legislation. The extent of liability of the signatory is limited to the installation described in section 3 of this form.</p> <p>For the CONSTRUCTION of the installation: Name (in block letters): <u>A. C. M. Kgosi</u> Position: _____ Address: _____ For and on behalf of contractor: _____ Date: <u>21/03/2016</u></p> <p>Signature: _____ Date: _____</p> <p>5.4 INSPECTION AND TESTS. I, being the person responsible for the INSPECTION AND TESTING of the electrical installation, particulars of which are described in section 3 of this form, CERTIFY that the inspection and testing were done in accordance with the part of SANS 10142, that the results obtained and reflected on this report, are correct and indicate:</p> <p><input type="checkbox"/> (for installation work performed since the publication of this part of SANS 10142), complies with this standard or <input type="checkbox"/> (for an installation that existed before the publication of this part of SANS 10142), that the installation complies with the general safety principles of this standard and is reasonably safe.</p> <p>The extent of my liability is limited to the installation described in section 3 of this form.</p> <p>Name of registered person: <u>A. C. M. Kgosi</u> Registration Certificate No.: _____ <input checked="" type="checkbox"/> Single-phase tester <input checked="" type="checkbox"/> Master installation electrician <input checked="" type="checkbox"/> Installation electrician <input type="checkbox"/> Single-phase tester</p> <p>Signature: <u>A. C. M. Kgosi</u> Date: <u>21/03/2016</u></p> <p>Tel. No.: _____</p> <p>5.5 COMPLIANCE OF INSTALLATION FROM COMMENCEMENT TO COMPLETION. I, _____, being the person responsible to ensure that the electrical installation, particulars of which are described in section 3 of this form and which is one of five or more installations on the same supply, CERTIFY that the installation was done in accordance with SANS 10142-A.</p> <p><input type="checkbox"/> An Approved Inspection Authority for electrical installations <input type="checkbox"/> A competent person as defined <input type="checkbox"/> A professionally registered person Category of professional registration: _____ Registration No.: _____</p> <p>Name (in block letters): _____ Address: _____</p> <p>Signature: _____ Date: _____</p>
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To Whom It May Concern:

New House on Erf 11870, Hermanus

We hereby wish to confirm the following:

1.1 A soil classification was done in terms of the NHBRC specifications and foundations designed in accordance to SANS 10400.

1.2 Reinforcing steel was placed in the foundations and inspected and approved by ourselves.

1.3 Filling underneath the floorslab was tested and approved according to NHBRC regulations.

NOTE: If the Engineer's representative signs the block above, next to the relevant items, the relevant items have been approved by the Engineer.

Received by:

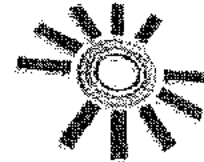
Date: 05/04/2016

Yours faithfully

J.S. van Eeden (Pr. Eng. 940265)
For JVE Civil Engineers Incorporated

consulting civil | structural | electrical

t. 021 975 0330 | f. 021 975 0331 | info@jve.co.za | po box 2050, durbanville, 7551
unit 1&2, rust + vrede business square, 21 church street, durbanville
Director - JS van Eeden (PR Eng - B Eng (Steel); MSAICE)
Reg No 2001,907609/21
C:\Users\Amanda\Desktop\SOIL, FILL & ROOF CERT\Soil and Fill Certificate Erf.doc



MOTLEKAR OVERSTRAND

**MT PLEASANT HOUSING PROJECT
HANDOVER CERTIFICATE****Beneficiary:****1. Name: Jane Stevens****Identity Number: 620323 0205 084****2. Name:****Identity Number:****Erf Number (the allocated property) 11870****I/We, the undersigned, hereby state that:**

- 1) I/We are satisfied that the house constructed on my/our allocated property has been completed to my/our reasonable satisfaction;**
- 2) The house and keys to the house has been handed over to me/us personally by the Overstrand Municipality or its Implementing Agent.**
- 3) I/We declare that I/we have taken possession and occupation of the allocated property.**
- 4) I/We record that I/we have signed the sale agreement for the allocated property and I/we understand that all risk and responsibility related to the allocated property is accordingly passed to me/us.**
- 5) I/We confirm that, if applicable, I/we will demolish my/our shack within the time stated in the written notice received from the Overstrand Municipality and I/we shall not use such materials for informal dwelling purposes. Failing this I/we acknowledge that the Overstrand Municipality will have the right to demolish the structure on my/our behalf and recover the costs of this from me/us.**

6) I/we record that I/we have read clause 3 of the sale agreement and understand that I/we must hand in a written list of any defects in the house on the allocated property within 14 days from this day.

Water meter serial number
Reading on installation
Reading on occupation

3	-	5	L	C	5	1	8	9						
2	4	1	7	5										

Signature of Beneficiary: 1. J. STEVENS Date: _____
JANE STEVENS HERMANUS
Name

2. _____ Date: _____
_____ HERMANUS
Name

Overstrand Municipality Representative 3. [Signature] Date: 11/04/2016
BUSISI MALONGWANA HERMANUS
Name

Implementing Agent Representative 4. _____ Date: _____
_____ HERMANUS
Name



Expectations Elevated

Date 18/04/16

Unit number 11870

Beneficiary J. STEVENS

ID number 6203230205084

I hereby confirm that I have received the electrical cash power card

Cashpower card number 01131466224

I hereby confirm that I have received all door keys

Key numbers K8, K15, K9, N108, CD 26

I hereby confirm that I have received all bulbs and light covers

I hereby confirm that I have received bath/basin/zink plugs

Beneficiary signature and name [Signature]

SWARTDAMWEG SITE A HOUSING DEVELOPMENT
TOP STRUCTURE SNAG LIST



MOTLEKAR

Beneficiary Name:

Erf Number:

11870 JANE STEVENS

Street Address:

No	Item description:	Comments:	Date reported	Date repaired	Beneficiary Signature	Contractor Signature
1 LOUNGE / KITCHEN						
1.1	Floor slab ✓					
1.2	Front door ✗					
1.3	Back door ✓					
1.4	Windows ✓					
1.5	Ceiling ✓					
1.6	Plumbing ✓					
1.7	DB Board ✓					
1.8	Lighting and electrical ✓					
BATHROOM						
2.1	Floor slab ✓					
2.2	Bathroom door ✓					
	Bathroom window ✓					
2.4	Plumbing ✓					
2.5	Ceiling ✓					
2.6	Lighting and electrical ✓					
3 BEDROOM 1						
3.1	Floor slab ✓					
3.2	Window ✓					
3.3	Door ✓					
3.4	Ceiling ✓					
3.5	Lighting and electrical ✓					
4 BEDROOM 2						
4.1	Floor slab ✓					
4.2	Window ✓					
4.3	Door ✓					
4.4	Ceiling ✓					
4.5	Lighting and electrical ✓					
EXTERNAL						
5.1	Erf pegs ✓					
5.2	Walls ✓					
5.3	Roof ✓					
5.4	Building rubble ✓					
5.5	Watermeter ✓					
5.6	External lighting ✓					

Handwritten signature
NO PROBLEMS

JANE STEVENS
was repaired to my satisfaction.

hereby declare that all the snags listed

Beneficiary

Signature

Handwritten signature

Date

26/05/16

Contractor

Signature

Francis Siebits

Date

18/06/16

Implementing Agent

Signature

Date

Note: No problem on this date: *Handwritten signature*



ASAP PLUMBING SERVICES CC

CK NO. 2008/000352/23
VAT No 4250248271

COMPLETION CERTIFICATE

22 April 2016

TO WHOM IT MAY CONCERN

We herewith wish to confirm that all plumbing and drainage installations at Mount Pleasant and Swartdam A in Hermanus, has been completed in accordance with the local municipal regulations and by-laws and in accordance with SANS 10400 Building regulations. All materials used on the project are of SABS approved standards. The plumbing installation was signed off by Cassiem Gamielien Reg.no.4882/15

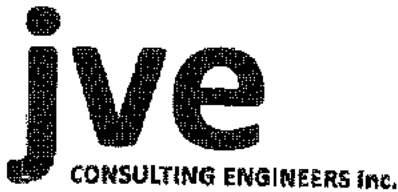
Our Company provides a three months maintenance period for latent defects from practical completion on all projects.

Should you require any additional information please do not hesitate to contact the writer on 073 511 4668

Yours faithfully

Cassiem Gamielien
Reg.no4882/15

S. Adams



ENGINEERS' ROOF CERTIFICATE

OWNER

Overstrand Municipality

PROPERTY DESCRIPTION

Domestic

ERF NUMBER

11870

STREET ADDRESS

AREA

Hermanus

1. We have conducted a visual inspection of the completed roof and are satisfied that the structure is apparently sound and in accordance with the design details on the basis of such visual inspection.
2. It should be noted that we cannot accept responsibility for latent defects not reasonably apparent from our inspection. Interference by a third party with the trusses and bracing as detailed in the design and inspected by us on the above date will invalidate this certification. This certification does not include any defect to brick or concrete support beams, columns and walls supporting the timber trusses.
3. Please note that due to our professional responsibility and although due care has been taken during our visual inspection, that we did not supervise the erection process of the roof. It is therefore essential that any complaints must be forwarded to us in writing for further action if necessary. We regard this Certificate as invalid if we were not afforded the opportunity to attend to any complaints, remedial work and or any latent and patent defects.

COMMENTS:

SIGNED


 J.S. VAN EEDEN (Pr. Eng. 940265)

DATE

05/04/2016

consulting civil | structural | electrical

t. 021 975 0330 | f. 021 975 0331 | info@jve.co.za | po box 2050, durbanville, 7551
 unit 1&2, rust + vrede business square, 21 church street, durbanville
 Director - JS van Eeden (Pr Eng - B Eng (Stell); MSAICE)
 Reg No 2001/002609/21



ANNEXURE C

Certificate of Completion



MOTLEKAR OVERSTRAND

Employer	Overstrand Municipality
Implementing Agent	Motlekar Overstrand
Contractor	M Cape Construction
Works	Completion of 172 Top Structures
Site	Mount Pleasant, Hermanus
Erf	Various (see attached list of 172)

The Implementing Agent hereby certifies that:

Practical Completion (yes/no) YES

Works Completion (yes/no) YES

Final Completion (yes/no) YES

for the

Works as a whole (yes/no) YES

was achieved on (date) 30-10-2016

Signed as the implementing agent for the employer

Name

J. J. Pretorius

Signature

Date

30-10-2016

Name of firm

MOTLEKAR OVERSTRAND



MOTLEKAR OVERSTRAND

Mount Pleasant: FC 01/08/2016 (172)

11870	11871	11872	11873	11874	11875	11876	11877	11878	11879
11880	11881	11882	11883	11884	11885	11886	11887	11888	11889
11890	11891	11893	11894	11895	11896	11897	11898	11899	11900
11901	11902	11903	11904	11905	11906	11907	11908	11909	11910
11911	11912	11913	11914	11915	11916	11917	11918	11919	11920
11921	11922	11923	11924	11925	11926	11927	11928	11929	11930
11931	11932	11933	11934	11935	11936	11937	11938	11939	11940
11941	11942	11944	11945	11946	11947	11948	11949	11950	11951
11952	11953	11954	11955	11956	11957	11959	11960	11961	11962
11963	11964	11965	11966	11967	11968	11969	11970	11971	11972
11973	11974	11975	11976	11977	11978	11979	11980	11981	11982
11983	11984	11985	11986	11987	11988	11989	11990	11991	11992
11993	11994	11995	11996	11997	11998	11999	12000	12001	12002
12003	12004	12005	12006	12007	12008	12009	12010	12011	12012
12013	12014	12015	12016	12017	12018	12019	12020	12021	12022
12023	12024	12025	12026	12027	12028	12029	12030	12031	12032
12033	12034	12035	12036	12037	12038	12039	12040	12041	12042
12043	12044								

Name

J. J. PROBUS

Signature

Date

30-10-2016

Name of firm

MOTLEKAR OVERSTRAND



MOTLEKAR OVERSTRAND

ANNEXURE D

Hermanus Administration
Building Plan Department
P.O.Box 20
Hermanus
7200

Tel: (028) 313 8089
Fax: (028) 313 2822
e-mail: ijones@overstrand.gov.za



Enquiries: INGRID JONES

Date Submitted: 19.08.15
Date Final: 23.05.16

MOUNT PLEASANT HOUSING PROJECT
SCHULPHOEK ROAD
HERMANUS

CERTIFICATE OF OCCUPATION

PLAN NUMBER: 28315

This is to certify, in terms of Section 14 of
The National Building Regulations
promulgated in terms of the Building
Standards Act, Act 103 of 1977, that the

**MOUNT PLEASANT HOUSING DEVELOPEMONT ON STAND: 243, SCHULPHOEK ROAD
ERVEN:**

11870, 11871, 11872, 11873, 11874, 11875, 11876, 11877, 11878, 11879, 11880, 11881, 11882
11883, 11884, 11885, 11886, 11887, 11888, 11889, 11890, 11891
11893, 11894, 11895, 11896, 11897, 11898, 11899, 11900, 11901, 11902, 11903, 11904, 11905, 11906, 11907,
11908, 11909, 11910, 11911, 11912, 11913
11914, 11916, 11917, 11918, 11919, 11921, 11922, 11923, 11924, 11925, 11926, 11927, 11928, 11929, 11930, 11931,
11932, 11933, 11934, 11935, 11936, 11937, 11938, 11939, 11940, 11941
11944, 11945, 11946, 11947, 11948, 11949, 11950, 11951, 11952, 11953, 11954, 11955, 11956, 11957, 11959, 11960,
11961, 11962, 11963,
11964, 11965, 11966, 11967, 11968, 11969, 11970, 11971, 11972, 11973, 11974, 11975, 11976, 11977,
11978, 11979, 11980, 11981, 11982, 11983, 11984, 11985, 11986, 11987, 11988, 11989, 11990, 11991, 11992, 11993,
11994, 11995, 11996, 11997, 11998, 11999, 12000
12001, 12002, 12003, 12004, 12005, 12006, 12007, 12008,
12009, 12010, 12011, 12012, 12013, 12014, 12015, 12016, 12017, 12018, 12019, 12020, 12021, 12022, 12023, 12024,
12025, 12026, 12027, 12028, 12029, 12030,
12031, 12032, 12033, 12034, 12035, 12036, 12037, 12038, 12039, 12040, 12041, 12042, 12043, 12044

Has been completed and is fit for occupation.


.....
Building Control Officer

NOT INCLUDING VANDALIZED HOUSES ON: 11484, 11915, 11920



MOTLEKAR OVERSTRAND

ANNEXURE E



Tel: +27 11 317 8000
Fax: +27 11 317 0105
Toll Free Helpline: 200 801
Freud Hotline: 0800 261 698

PHYSICAL ADDRESS
Joe Slovo House
5 Lombard Road
Sunninghill, Johannesburg 2191

POSTAL ADDRESS
P.O. Box 461
Randburg, 2125
Direct 56 Randburg



ASSURING QUALITY HOMES

Final Unit Report: Mount Pleasant Housing Project: 74 Units

Builder Registration No:	1-123408111	Home Builder Name:	MOTLEKAR CAPE
Developer Registration No:	19088	Developer Name:	DEPARTMENT OF HUMAN SETTLEMENTS W.C.
Project Name:	Mount Pleasant Housing Project		
Township:	HERMANUS	DoHS Appr. No:	16/1/1/2047/3088.02
Project H/Enrolment No:	1-230461389	Project Phase:	
Total Nr of units:	172	Province:	WESTERN CAPT.

Units where work completed satisfactorily and homes protected by NHBC fund.

Nr of units Finald:	Current		Accum. Completed		FUR 01
	74		74		
Plot Number:	11870	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11871	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11872	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11873	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11874	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11875	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11876	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11877	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11878	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11879	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11880	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11881	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11882	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11948	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11949	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11950	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes



Final Unit Report: Mount Pleasant Housing Project: 74 Units

Plot Number:	11951	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11952	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11953	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11954	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11955	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11956	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11957	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11958	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11959	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11960	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11961	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11962	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11963	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11964	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11965	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11966	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11967	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11968	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11969	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11970	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11971	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11972	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11973	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11974	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11975	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11976	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11977	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11978	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes

Final Unit Report: Mount Pleasant Housing Project: 74 Units

Plot Number:	11979	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11980	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11981	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11982	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11983	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11984	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11985	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11986	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11987	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11988	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11989	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11990	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11991	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11992	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11993	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11994	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11995	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11996	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11997	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11998	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11999	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12000	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12001	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12002	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12003	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12004	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12005	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12006	Deemed Occupation Date:	10-Apr-16	Confirmed Accepted:	Yes

Final Unit Report: Mount Pleasant Housing Project: 74 Units

Plot Number: Deemed Occupation Date: Confirmed Accepted:

Plot Number: Deemed Occupation Date: Confirmed Accepted:

NHBRC Home Inspector:


Signature of HI:



Date Signed:

NHBRC Senior Inspector:

Signature of SI:



Date Signed:

NHBRC Insp Coordinator:

Signature of IC



Date Signed:

NHBRC Provincial Manager:

Signature of WC PM



Date Signed:



Tel: 021 515 0300
Fax: 021 515 0309
Toll free No: 0800 302 824
Fraud Helpline: 0100 222 599

PHYSICAL ADDRESS
100 De Wet Road
1 Corner Myburg
Cape Town, 7701
South Africa

POSTAL ADDRESS
P.O. Box 451
Kalkbuis 7702
South Africa



ASSURING QUALITY HOMES

Final Unit Report: Mount Pleasant Housing Project: 99 Units

Builder Registration No:	1-123408111	Home Builder Name:	MYTLEKAR CAPE
Developer Registration No:	10088	Developer Name:	DEPARTMENT OF HUMAN SETTLEMENTS W.C.
Project Name:	Mount Pleasant Housing Project		
Township:	HERMANUS	DoHE Appr. No:	16/11/2047/3088.02
Project ID/Enrolment No:	1-230461383	Project Phase:	
Total Nr of units:	172	Province:	WESTERN CAPE

Units whose work completed satisfactorily and homes protected by NHBRG fund.

Nr of units Finalcd:	Current		Accum. Completed		FLUR 02
	99		172		
Plot Number:	11883	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11884	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11885	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11886	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11887	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11888	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11889	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11890	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11891	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11893	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11894	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11895	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11896	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11897	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11898	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11899	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11900	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11901	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11902	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11903	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes

Final Unit Report: Mount Pleasant Housing Project: 99 Units

Plot Number:	11904	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11905	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11906	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11907	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11908	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11909	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11910	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11911	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11912	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11913	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11914	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11915	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11916	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11917	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11918	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11919	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11920	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11921	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11922	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11923	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11924	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11925	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11926	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11927	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11928	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11929	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11930	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11931	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11932	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11933	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11934	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11935	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11936	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes

Final Unit Report: Mount Pleasant Housing Project: 99 Units

Plot Number:	11897	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11898	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11899	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11940	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11941	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11942	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11944	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11945	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11946	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	11947	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12009	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12010	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12011	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12012	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12013	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12014	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12015	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12016	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12017	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12018	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12019	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12020	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12021	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12022	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12023	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12024	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12025	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12026	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12027	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12028	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12029	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12030	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12031	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes

NK

Final Unit Report: Mount Pleasant Housing Project: 99 Units

Plot Number:	12032	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12033	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12034	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12035	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12036	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12037	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12038	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12039	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12040	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12041	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12042	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12043	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes
Plot Number:	12044	Deemed Occupation Date:	28-Apr-16	Confirmed Accepted:	Yes

NHBRC Home Inspector:

Mondoloz Mhlana

Signature of HI:



Date Signed:

03/10/2016

NHBRC Senior Inspector:

Jacques Davis

Signature of SI:



Date Signed:

07/10/2016

NHBRC Insp Coordinator:

Neziswa Kweyama

Signature of IC



Date Signed:

04/10/16

NHBRC Provincial Manager:

Stefan Jansor

Signature of WC PM

 (Stefan Jansor)

Date Signed:

04-10-2016



ANNEXURE F

DATE: 15/08/2015
APPROVED:
BY: [Signature]
FOR: [Signature]
SHEET 3 OF 4 SHEETS

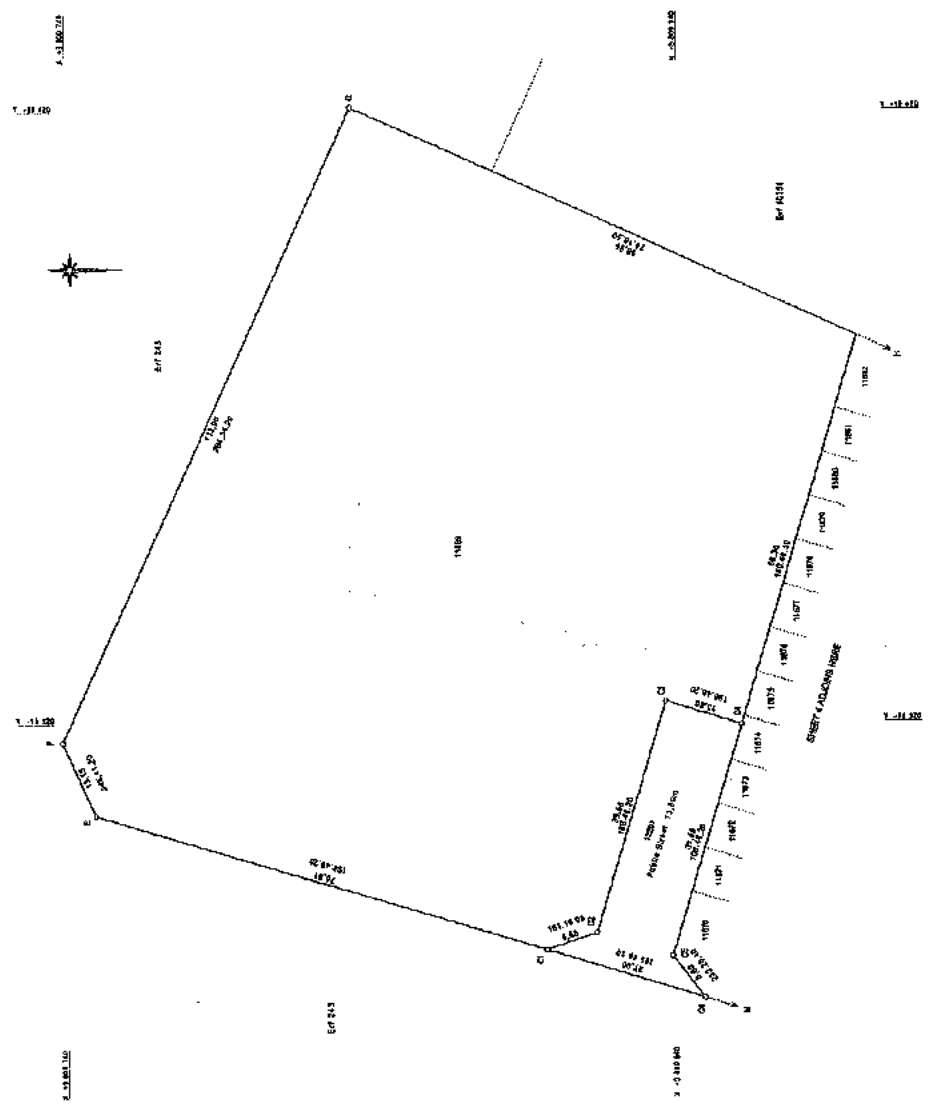
DATE: 15/08/2015
APPROVED:
BY: [Signature]
FOR: [Signature]
SHEET 3 OF 4 SHEETS

HERMANUS ALLOTMENT AREA GENERAL PLAN No 1929/2015

(CDR)

Subdivisions of Ezen 1950 and 1955 Estates
located in the City of Hermanus
Province of Western Cape
Scale: 1:500

Prepared by: [Signature]
DATE: 15/08/2015
BY: [Signature]
FOR: [Signature]
Professional Land Surveyor



Scale: 1:2500
Date: 15/08/2015
Sheet No: 4/128

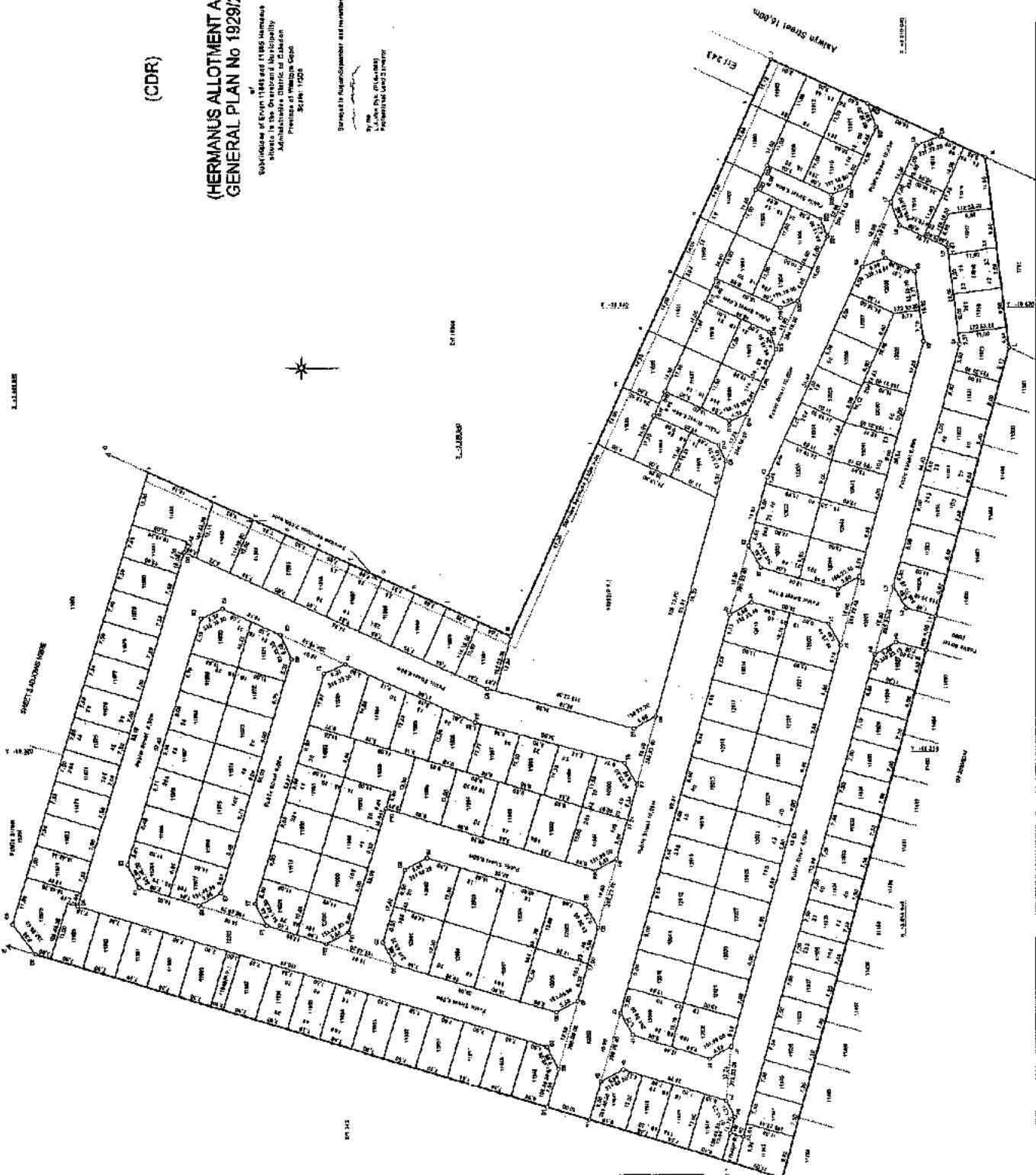
(CDR)

**(HERMANUS ALLOTMENT AREA)
GENERAL PLAN No 1929/2015**

Subdivision of Erf 1145, 1146 and 1148 (incorporating Erf 1147) in the District Municipality of Hermanus, Province of Western Cape
Scale: 1:2500

Submitted to Registrar-General: 14th November 2015

By: M. J. van der Merwe
Professional Land Surveyor



Scale: 1:2500

Scale: 1:2500
Date: 15/08/2015
Sheet No: 4/128



MOTLEKAR OVERSTRAND

ANNEXURE G

Navrae
Enquiries BG Louw

Verwysing
Reference 17/5/2/24

Datum
Date 10 March 2016



**HERMANUS
ADMINISTRASIE ADMINISTRATION**

**Department of Human Settlements
Directorate: Grant Management & Municipal Performance
Private Bag X9083
CAPE TOWN
8001**

**ATTENTION: Ms Charlene Pretorius
E-mail: Charlene.Pretorius@westerncape.gov.za**

Dear Charlene,

**MOUNT PLEASANT IRDP HOUSING PROJECT: TOP STRUCTURES: PROJECT REF. NO:
16/1/1/2047/3098.02: MILESTONE PAYMENT CLAIM 9**

Please find attached the cashflow and progress report for the above-mentioned project.

We hereby request that the amount of **R3 646 195.00** be paid to Overstrand Municipality as soon as possible.

Kind regards



PROJECT MANAGER: HOUSING

DEPARTMENT OF HUMAN SETTLEMENTS : WESTERN CAPE
CLAIM FOR PAYMENT OF PROJECTS

PROJECT NUMBER: 16/11/2047/3098.02 CONTACT PERSON:
MUNICIPALITY: Overstrand CONTACT No.
PROJECT NAME: Mount Pleasant FAX No.
CLAIM No. 9 EMAIL:

Beneficiary administration complete (Y/N):		PROJECT APPROVAL DETAILS	
Project Approval Reference and Addendum Date:		No. Services: 172	No. Top Structures: 172
Subsidy	Amount	Subsidy	R 18 852 432.00
Allocation of services		Geotech variation	R 1 087 212.00
Allocation of top structures		External Plaster	R 868 675.00
			R 20 048 320.00
Sub Total		Disability quantum 8 units	R 478 701.00
		Transfer & Retention	R 344 000.00
		Total subsidy	R 20 877 821.00

DESCRIPTION OF CLAIM	BUDGET	PREVIOUS CLAIMS		THIS CLAIM	CUMULATIVE TOTAL
		DATE	AMOUNT		
TRANCHE 1.1 After conditional approval					R 0.00
TRANCHE 1.2 After project approval					R 0.00
TRANCHE 1.3 After signing of agreement					R 0.00
SUB-TOTAL TRANCHE 1	R 0.00		R 0.00	R 0.00	R 0.00
TRANCHE 2 Installation of services					R 0.00
					R 0.00
SUB TOTAL TRANCHE 2	R 0.00		R 0.00	R 0.00	R 0.00
TRANCHE 3 Construction of top structures					R 0.00
September-16	1 981 520.00		R 1 981 520.00	R 0.00	R 1 981 520.00
October-16	688 360.00		R 688 360.00	R 0.00	R 2 680 880.00
October-16	1 841 648.00		R 1 864 950.00	R 0.00	R 4 545 830.00
November-16	2 688 364.00		R 2 688 880.00	R 0.00	R 7 228 710.00
December-16	1 748 400.00		R 1 748 400.00	R 0.00	R 8 975 110.00
January-16	5 012 000.00		R 5 012 000.00	R 0.00	R 13 987 190.00
Transfer to Swartdamweg	-2 584 320.00		-R 2 584 320.00		R 11 422 870.00
February-16	2 564 902.74		R 4 312 720.00		R 15 735 590.00
February-16	1 741 989.00		R 932 480.00		R 16 668 070.00
March-16	4 318 548.00			R 3 380 250.00	R 20 048 320.00
April-16	0.00				R 20 048 320.00
Disability Variance	478 701.00			R 285 945.00	R 20 314 265.00
Transfer & Retention	344 000.00				R 20 314 265.00
					R 20 314 265.00
					R 20 314 265.00
SUB TOTAL TRANCHE 3	R 20 885 192.74		R 16 668 070.00	R 3 648 185.00	R 20 314 265.00
TOTAL OF PROJECT	R 20 885 192.74		R 16 668 070.00	R 3 648 185.00	R 20 314 265.00
BALANCE AVAILABLE					R 666 766.00

Developer Signature  Print Name BSG Low Date 10/03/2016

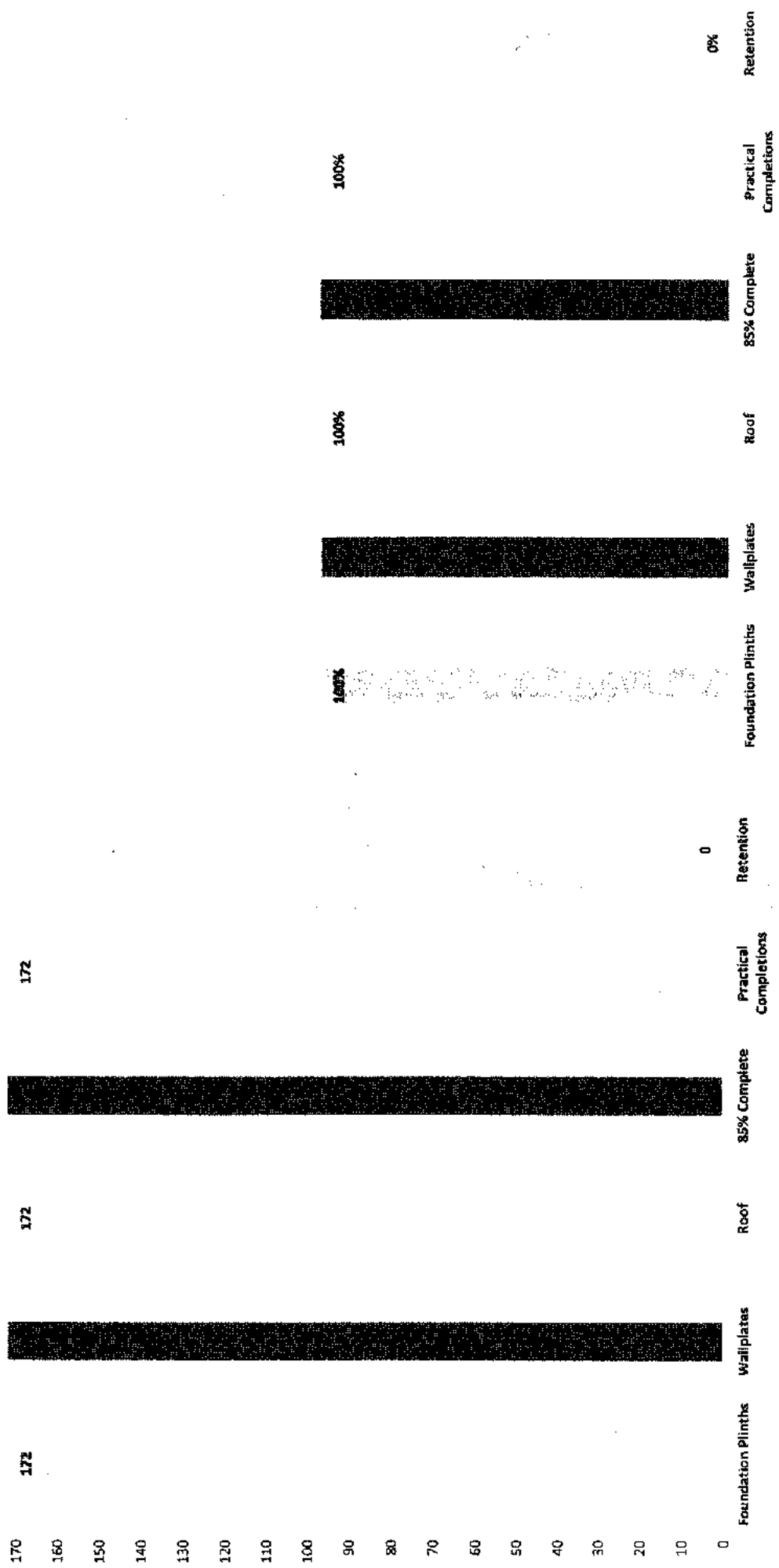
Received by the Department of Human Settlements
Signature _____ Print Name _____ Date _____

I hereby certify that progress is satisfactory and all requirements have been met for the payment of the above claim

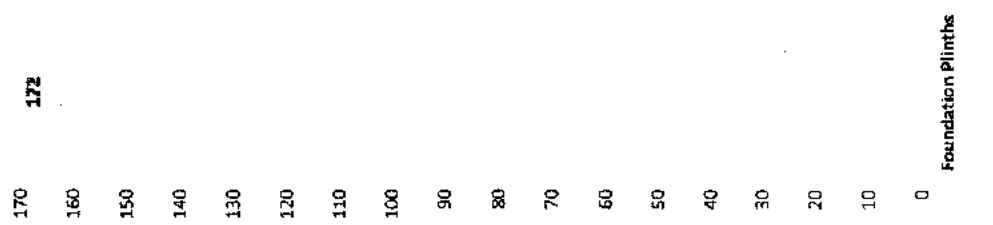
Project Manager Signature _____ Print Name _____ Date _____

Estimated progress of service installation % Estimated progress of top structures %

MOUNT PLEASANT 172 TOPSTRUCTURES
% COMPLETE - 31 MARCH 2016



MOUNT PLEASANT 172 TOPSTRUCTURES
TOTAL COMPLETE - 31 MARCH 2016



Navrae
Enquiries BG Louw

Verwysing
Reference 171516/2/24

Datum
Date 19 June 2015



**HERMANUS
ADMINISTRASIE ADMINISTRATION**

**Department of Human Settlements
Directorate: Grant Management & Municipal Performance
Private Bag X9083
CAPE TOWN
8001**

**ATTENTION: Ms Charlene Pretorius
E-mail: Charlene.Pretorius@westerncape.gov.za**

Dear Charlene,

**MOUNT PLEASANT (200 SERVICES) IRDP HOUSING PROJECT: PROJECT REF. NO:
2047/3098.01: MILESTONE PAYMENT 5**

Please find attached the cashflow and milestone schedule for the above-mentioned project.

We hereby request that the amount of **R3 172 062 000.00**, be paid to Overstrand Municipality as soon as possible, in accordance with the attached cashflow and milestone schedule and Progress Certificate (service installation to be completed (100%) by end of June 2015).

Kind regards

PROJECT MANAGER: HOUSING

Tel: (028) 316 3724
Faks/Fax: (028) 316 3721
E-pos/mail: blouw@overstrand.gov.za


P O Box 20
HERMANUS
7200

DEPARTMENT OF HUMAN SETTLEMENTS : WESTERN CAPE
CLAIM FOR PAYMENT OF PROJECTS

PROJECT NUMBER: REF NO: 2047/3098.01 CONTACT PERSON: BRIAND LOUW
MUNICIPALITY: OVERSTRAND MUNICIPALITY CONTACT No. 028 313 8988
PROJECT NAME: HERMANUS: MOUNT PLEASANT EXT 2 FAX No. 028 313 2993
CLAIM No. 5 EMAIL: b.louw@overstrand.gov.za

Beneficiary administration complete (Y/N):	N	PROJECT APPROVAL DETAILS	
Project Approval Reference and Addendum Date:	2047/3098.01	No. Services:	200
Subsidy	Amount	Subsidy Phase 1	R 6 725 290.00
	DATE: 19.06.16	Geotech verification	R 159 400.00
Allocation of services		Other	R 0.00
Allocation of top structures		LAND COST	R 884 680.00
Sub Total		Total subsidy	R 1 543 168.00

DESCRIPTION OF CLAIM	BUDGET	PREVIOUS CLAIMS		THIS CLAIM	CUMULATIVE TOTAL
		DATE	AMOUNT		
TRANCHE 1.1 After conditional approval	R 342 538.00	01.02.14	R 342 538.00		R 342 538.00
TRANCHE 1.2 After project approval					R 342 538.00
TRANCHE 1.3 After signing of agreement					R 342 538.00
SUB-TOTAL TRANCHE 1	R 342 538.00		R 342 538.00	R 0.00	R 342 538.00
TRANCHE 2 Installation of services					R 0.00
October-14	R 0.00		R 0.00	R 0.00	R 0.00
November-14	R 4 333 168.00		R 4 333 168.00	R 0.00	R 4 675 706.00
December-14	R 0.00		R 0.00	R 0.00	R 4 675 706.00
January-15			R 0.00	R 0.00	R 4 675 706.00
February-15	R 1 290 000.00		R 1 290 000.00	R 0.00	R 5 965 706.00
March-15	R 1 290 000.00		R 1 290 000.00		R 7 255 706.00
April-15	R 1 290 000.00		R 0.00	R 0.00	R 0.00
May-15	R 1 454 362.00		R 0.00		R 0.00
June-15	R 427 700.00			R 3 172 062.00	R 10 427 768.00
			R 0.00		R 0.00
					R 0.00
					R 0.00
SUB TOTAL TRANCHE 2	R 10 085 230.00		R 6 913 168.00	R 3 172 062.00	R 10 085 230.00
TRANCHE 3 Construction of top structures					R 0.00
					R 0.00
					R 0.00
					R 0.00
SUB TOTAL TRANCHE 3	R 0.00		R 0.00	R 0.00	R 0.00
TOTAL OF PROJECT	R 10 427 768.00		R 7 255 706.00	R 3 172 062.00	R 10 427 768.00
BALANCE AVAILABLE					R 0.00

Developer Signature  Print Name B. Louw Date 19/06/2015

Received by the Department of Human Settlements
Signature _____ Print Name _____ Date _____

I hereby certify that progress is satisfactory and all requirements have been met for the payment of the above claim
Project Manager Signature _____ Print Name _____ Date _____

Estimated progress of service installation % Estimated progress of top structures %

Our Ref: J31317/progress report for claim 4.docx

17 June 2015

DHS: Western Cape
27 Wale Street
ISM Building
Cape Town

For the attention of Mr D Williams

Dear Sirs

**OVERSTRAND MUNICIPALITY
MOUNT PLEASANT EXTENSION 2 (IRDP)
200 SITES – INTERNAL CIVIL SERVICES
PROGRESS REPORT FOR PAYMENT CLAIM 4**

We hereby certify that the contractor has completed most of the works. A practical completion inspection is scheduled for the 18 June 2015.

The progress on the internal civil services for the above mentioned project is estimated to achieve 100% at the end of June 2015.

Yours faithfully
for GIBB (Pty) Ltd

Gareth Jansen
Project Leader



GIBB

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OVERSTRAND MUNICIPALITY : MOUNT PLEASANT (200 SERVICES) IRDP HOUSING PROJECT : REF NO: 2047/3098.01

CASHFLOW PROJECTION AND MILESTONES FOR THE CONSTRUCTION OF CIVIL ENGINEERING SERVICES						
DESCRIPTION	EXPENDITURE CIVIL ENGINEERING SERVICES	EXPENDITURE TOP STRUCTURES	TOTAL MONTHLY EXPENDITURE	CUMULATIVE EXPENDITURE	PERIOD	
Paid to date				R 342 538	Oct-14	
Civil Engineering Contractor on Site & Removal of Trees	R 3 043 168		R 3 043 168	R 3 385 706	Nov-14	
				R 3 385 706	Dec-14	
Civil Engineering Services 20% Completed	R 1 290 000		R 1 290 000	R 4 675 706	Jan-15	
Civil Engineering Services 40% Completed	R 1 290 000		R 1 290 000	R 5 965 706	Feb-15	
Civil Engineering Services 60% Completed	R 1 290 000		R 1 290 000	R 7 255 706	Mar-15	
Civil Engineering Services 80% Completed	R 1 290 000		R 1 290 000	R 8 545 706	Apr-15	
Civil Engineering Services 100% Completed	R 1 454 362		R 1 454 362	R 10 000 068	May-15	
				R 10 000 068	Jun-15	
				R 10 000 068	Jul-15	
				R 10 000 068	Aug-15	
				R 10 000 068	Sep-15	
				R 10 000 068	Oct-15	
Transfers & Beneficiary Administration	R 427 700		R 427 700	R 10 427 768	Nov-15	

OVERSTRAND MUNICIPALITY

DEPARTMENT OF HUMAN SETTLEMENTS

Print Name : *SU Miller*

Print Name : *KEAT POTGIETER*

Date : *8/12/2014*

Date : *18/11/2014*

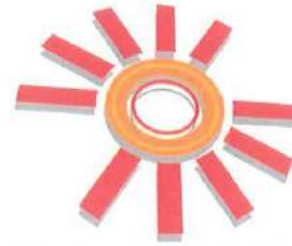
Signature : *[Handwritten Signature]*

Signature : *[Handwritten Signature]*

[Handwritten Initials]



ANNEXURE H



MOTLEKAR OVERSTRAND

24 June 2016

Mr Briand Louw
Project Manager: Housing
Overstrand Municipality
PO BOX 20
Hermanus
7200

Dear Sir,

RE: MOUNT PLEASANT & SWARTDAM A: ILLEGAL OCCUPATION AND VANDALISM REPORT

During Friday 06 May 2016 the construction site of the aforementioned project were stopped as a result of illegal riots. The construction manager, Jacques Saayman, filed an *affidavit* at the SAPS office in Hermanus confirming the sequence of events – please refer to Annexure A. The consequence, of the said riots, is that 32 houses were damaged and 4 houses were illegally occupied. We, as the implementing agent and *employer*, were issued a contractual notification by the employed construction company (i.e. MCape Construction) stating their contractual position as per the JBCC Principal Building Agreement, Edition 5 July 2007:

- 8.1, "The contractor shall take full responsibility for the works from the date on which possession of site is given to the contractor and up to the date of issue of the certification of practical completion or deemed achievement of practical completion. Thereafter responsibility for the works shall pass to the *employer*."
- 8.5, "The contractor shall not be liable for the cost of making good physical loss and repairing damage to the works where this results from any of the following circumstances:
 - 8.5.3, "Civil commotion, riot, strike, lockout or disorder by persons other than the contractors personnel and other employees or his subcontractors."
 - 8.5.6, "The use or occupation of any part of the works by the employer, the employer's servants or agents and those for whose acts or omissions they are responsible."
- 8.6, "Where the contractor is not liable for the cost [8.5] such making good physical loss and repairing damage shall be measured and valued [32.0] and added to the contract value."
- 9.2, "The employer indemnifies and holds the contractor harmless against loss in respect of all claims, proceedings, damages, cost and expenses arising from:"

Suppliers To All t/a Motlekar Overstrand

Reg No 2009/023199/07
Directors: R van Rooyen, PW Prinsloo
1 Boland Way, Durbanville, 7550 | P.O. Box 4697, Durbanville, 7551
Tel: 0861 44 44 89 | Fax: 088 021 976 0984 | Web: www.motlekar.co.za

- 9.2.8, "Physical loss or damage to the contents of the works where practical completion has been achieved [24.0]."
- It should be recorded that MCape Construction has taken all necessary measures to avoid the damages and illegal occupation of houses and commits to assist in any way possible to resolve the said issues.

The position of Motlekar Overstrand, as Implementing Agent, is as follows:

- Our contract with MCape Construction was handled as per the JBCC Principal Building Agreement, Edition 5 July 2007;
- The contract between Motlekar Overstrand and the Municipality states that land invasions is the responsibility of the Municipality;
- We indicated that once the site secure, we will determine the extent of the damages;
- It should be noted that Motlekar Overstrand cannot be held liable for the cost to repair the said damages.

Subsequent to the riots, Motlekar Overstrand requested MCape to undertake an investigation to determine the cost to repair the damages. The cost to repair the damaged houses amounts up to R925 513,88 excluding VAT. Annexure B illustrates the breakdown of the extent and monetary value of the damages. It is noted that the extent of the damages on the illegally occupied units can only be established once these individuals are removed.

Yours faithfully



Shaun Barnard

On Behalf of Suppliers to All (pty) Ltd t/a Motlekar Overstrand

ANNEXURE A

Verklaring:

Mount Pleasant behuisings skema

Ek (Jacques Saayman) verklaar in Afrikaans.

Ek is n volwasse manlike persoon, 40 jaar oud (ID no. 7505315037086) woonagtig te 40 Ursiniastraat, Kleinmond (tel. no 0716053715) werksaam te MCape Konstruksie, 1 Bolandweg, Durbanville (tel. no 0219761143).

Ek is die perseel bestuurder vir Mcape Konstruksie aangestel deur Motlekar Cape (implementerings agent) om wonings te bou te Mount Pleasant en Swartdam A regoor CTM Hemanus. Alhoewel die eenhede reeds praktiese voltooiing bereik het volgens kontrak is die perseel steeds omhein met draad en die sekuriteit was nog in plek om die perseel te bewaak en te verhoed dat betreding /diefstalle en kwaadwillige saakbeskadiging plaasvind aangesien die Munisipaliteit nog nie die eenhede oorhandig het aan die eienaars nie.

Die borde wat op die heinings aangebring is wat waarsku dat dit n bouperseel is en geen toegang toegelaat word nie was ook nog in plek. Donderdag aand 5/5/2016 is ons 17:30 van die perseel af weg en was daar geen probleme op die perseel nie. Donderdag aand was daar betoog aksie te Mount Pleasant. Ek het later verneem dat dit as gevolg van huis allokasies was.

Die oggend van Vrydag 6 Mei toe ek 7:30 op die perseel kom, het ek gesien dat daar skade is aan van die eenhede, veral by die Swartdam area. Ek het toe ook gesien dat dit lyk of daar by 3 van die eenhede (waar ons nog besig was met items vir finale voltooiing) mense inbeweeg het. Ons het ook die tydelike omheining wat ons gebruik om mense uit die konstruksie area te hou nog nie verwyser nie en gesien dit was ook afgetrap. Ons het dit dadelik onder die aandag van die munisipaliteit en Implementeringsagent gebring en mr Van Rooyen van Motlekar (Implementeringsagent) het deurgekom om die situasie met al die rolspelers te bespreek asook n aksieplan vorentoe.

Ons het toe 8:00 begin om die heining op te tel en deure oop te sluit vir die items binne die huise te hanteer vir finale voltooiing. Prakties voltooid huise word vir sekuriteit doeleindes toegesluit tot hulle oorhandig word en ons help die munisipaliteit met die administrasie proses deur n "key bearer" aan te stel wat al die sleutels hanteer en terwyl ons nog op terrein is help ons met die oorhandigingsproses. Tydens die wesaamhede het n groep mense toe begin om rondom die sleutel dame (Nomandla Nkofunga) rond te drom en hulle het begin aandring dat sy die sleutels moet oorhandig. Uit vrees het sy toe die sleutels neergegooi en weggehardloop na die perseel kantoor. Van die mense het toe die sleutels gegryp en daarmee weggehardloop. In die proses het hulle ook haar selfoon gesteel.

Rondom daardie selfde tyd het ek toe die werk op die perseel gestop en almal huis toe gestuur, aangesien daar toe n groot skare mense was wat bymekaar was en die werkers nie veilig gevoel het om aan te gaan nie. Ek is daarvandaan na die SAPS Hermanus en het n saak gaan maak vir huis nommers 11524 en 11525 wat mense ingetrek sonder goedkeuring.

9:00 Sondag 8 Mei was ek weer op die perseel om te kyk of daar enige verdere probleme is toe ek opmerk dat huis nommers 11523, 11522, 11516, 11916, 12034 ook mense binne wetende dat die oorhandigings nie deur die Munisipaliteit hanteer of goedgekeur is nie.

Die volgende huis nommers is ook beskadig (deure afgeskop, ruite gebreek en bedrading uit die huise gesteel) 11531, 11530, 11528, 11527, 11526, 11521, 11515, 11485, 11918, 11920, 11917, 11890

Nie die munisipaliteit of ons het toestemming gegee vir die beskadiging, toegang of verwydering van enige obstruksie om die perseel te betree nie aangesien die perseel omhein is. Die sake wat ek by die Polisie gemaak het was per instruksie van die relevante rolspelers en om die Munisipaliteit te help om die ongemagtigde besetting spoedig onder beheer te kry. Hulle sal as eienaar van die persele die saak moet bekragtig en verder neem.

Ek bevestig verder dat die direkteure van Mcape (konstruksie maatskappy) en Motlekar (Implementerings agent) reeds gister n skrywe aan die munisipaliteit gerig het om die situasie verder te ondersoek en ek vertrou dat hulle die saak verder sal neem.

Ek is vertrou met die inhoud van die verklaring en begryp dit. Ek beskou die voorgeskrewe eed as bindend op my gewete. Ek het geen beswaar teen die afle van die voorgeskrewe eed nie.

Ek sweer dat die verklaring wat ek afle die waarheid is. "so help my God"

Jacques Saayman

ANNEXURE B

Summary of cost for repairwork as per tick sheet**Mount Pleasant and Swartdam A**

<u>Description</u>	<u>UOM</u>	<u>QTY</u>	<u>RATE</u>	<u>Amount</u>
<u>External</u>				
Electrical Cable	No	23,00	1 355,00	31 165,00
External Lights	No	20,00	335,00	6 700,00
External Doors	No	46,00	1 400,00	64 400,00
External Doorframes	No	8,00	900,00	7 200,00
External Locksets	No	51,00	150,00	7 650,00
Windows	No	119,00	550,00	65 450,00
External Plumbing	No	25,00	1 702,00	42 550,00
				225 115,00
<u>Internal</u>				
<u>Bathroom</u>				
Bath	No	17,00	950,00	16 150,00
Bath Wall	No	17,00	150,00	2 550,00
Bath Plaster	No	17,00	125,00	2 125,00
Bath Plumbing	No	26,00	150,00	3 900,00
Toilet/Plumbing	No	27,00	630,00	17 010,00
Basin/Plumbing	No	27,00	530,00	14 310,00
Bath Electrical	No	24,00	783,63	18 807,00
Bath Door	No	21,00	500,00	10 500,00
Bath Lockset	No	21,00	150,00	3 150,00
Bath Ceillings	No	19,00	1 575,00	29 925,00
Bath Painting	No	20,00	350,00	7 000,00
Bath Accessories'	No	2,00	300,00	600,00
				126 027,00
<u>Bedroom 1</u>				
Bed 1 Electrical	No	25,00	783,63	19 590,63
Bed 1 Ceiling	No	21,00	1 575,00	33 075,00
Bed 1 Door	No	22,00	500,00	11 000,00
Bed 1 Lockset	No	22,00	150,00	3 300,00
Bed 1 Painting	No	19,00	350,00	6 650,00
				73 615,63
<u>Bedroom 2</u>				
Bed 2 Electrical	No	25,00	783,63	19 590,63
Bed 2 Ceiling	No	21,00	1 575,00	33 075,00
Bed 2 Door	No	20,00	500,00	10 000,00
Bed 2 Lockset	No	20,00	150,00	3 000,00
Bed 2 Painting	No	19,00	350,00	6 650,00
				72 315,63
<u>Lounge and Kitchen</u>				
Lounge Ceiling	No	22,00	1 575,00	34 650,00
Lounge Electrical	No	25,00	783,63	19 590,63

Lounge Painting	No	19,00	350,00	6 650,00
Kitchen Zink	No	17,00	550,00	9 350,00
Kitchen Stand	No	17,00	650,00	11 050,00
Kitchen Plumbing	No	26,00	150,00	3 900,00
Kitchen Electrical	No	25,00	0,00	0,00
Kitchen Painting	No	19,00	0,00	0,00
Db Board	No	25,00	950,00	23 750,00
				108 940,63
Sub-Total				606 013,88
Preliminaries (Actual 25k-30k)	days	21,00	16 500,00	346 500,00
Main-Total				952 513,88



ANNEXURE I



safe working practice

OCCUPATIONAL HEALTH AND SAFETY GROUP

CLOSE OUT AUDIT: EVALUATION OF THE PRINCIPAL CONTRACTOR'S HEALTH AND SAFETY FILE ON CONCLUSION OF OUR INVOLVEMENT ON THE PROJECT	
Site Name	Motekar Cape, Construction of 172 Low Cost Houses, Mount Pleasant, Hermanus
Principal Contractor	Breekon Construction (Pty) Ltd Durbanville 7550 P.O. Box 3401 Durbanville 7551 Jacques Saayman C: 071 605 3715 jacques@mcape.co.za
Date	2016-05-12
Comment	The safety file for the above project has been evaluated and found to be in order by Safe Working Practice. It is the legal responsibility of the Principal Contractor to hand over the safety file to the Project Client on completion of the project. Safe Working Practice's approval of the contents of the safety file is limited to information that is known by Safe Working Practice to have been applicable to the project up to the cessation of Safe Working Practice's involvement as safety agent for the project. The safety file is to be returned to the Client.
Compiled By	Christiaan Oosthuizen

Item	Answer	Comment
Services isolated or made safe at end of project? e.g. water, electricity	Yes	
All fences, barriers secure on site perimeter to prevent unauthorized access? Gates locked?	Yes	
All plant and equipment made safe awaiting removal from site? Keys removed, doors locked, etc	Yes	
Sources of electrical energy (e.g. distribution boxes) made safe against accidental electrocution?	Yes	
Site containers locked securely prior to removal?	Yes	
Excavations, pits, manholes covered or backfilled or otherwise made safe? No exposed reinforcing steel permitted in excavation, must be capped or otherwise protected.	Yes	
Housekeeping on site in good order for departure from site? Combustible materials removed, trip hazards removed, etc?	Yes	
Safety File : Construction Health And Safety Specification	Yes	
Safety File : Construction Health And Safety Plan, Risk Assessments, Fall protection plan (as applicable)	No	
Safety File : Notification of Construction work to Department Of Labour	Yes	
Safety File : Copy Of Principal Contractor Letter Of Appointment And Principal Contractor's Letters Of Appointment for Staff	Yes	

Safety File : Letter of Good Standing for Principal Contractor's Workmans Compensation Registration, Copy of Agreements Between Principal Contractor and Contractors and List of Sub Contractors used.	Yes	
Safety File : Training Certificates	Yes	
Safety File : Employee Name Register, Training and Induction Register, Emergency numbers	Yes	
Safety File : Site Safety Audit Reports	Yes	
Safety File : Name and Contact Details of Principal Contractor	Yes	
Safety File : Accident/Incident Records	Yes	
Safety File : General Correspondence, General Registers and Meeting Minutes	Yes	
Safety File : Registers	No	All the registers are on file, they are just not updated for April.
Safety File :	Yes	The file was checked at the site offices.