

TERMS OF REFERENCE FOR ELECTRICAL ENGINEERING REPORT

THE PROPOSED DEVELOPMENT OF A RETIREMENT VILLAGE AND ASSOCIATED INFRASTRUCTURE ON ERF 103, 104 AND A PORTION OF ROTTERDAM STREET WITTEDRIFT, PLETTENBERG BAY, WESTERN CAPE.

1. INTRODUCTION

Sharples Environmental Services cc (SES) has been appointed by Mr. Del Monte to undertake an Environmental Impact Assessment for the development of a retirement village and associated infrastructure on erf 103, 104 and a portion of Rotterdam street Wittedrift, Plettenberg bay, Western Cape. The current site development plan is presented on the following page.

Triocon Consulting Engineers (Pty)Ltd are required to compile an electrical engineering report required for input into the Environmental Impact Assessment and Town Planning Applications. This report must be accompanied by a layout showing where the proposed powerlines will connect to the existing network.

The purpose of this report is to investigate the external bulk electricity supply as well as the internal electrical distribution network.

2.1 Specific Scope of Work

Study the site context in terms of the receiving environment and determine the sphere of influence of the site from an engineering perspective by investigating the existing services. It will be necessary to liaise with the Municipality regarding any issues or constraints in terms of service delivery to this site and for this development.

The following information must be provided in the electrical engineering report:

- Investigate and report on the existing network and available capacity, if any.
- Determine the expected demand for electricity from this development.
- Investigate and comment on whether any of the main electricity lines would need to be upgraded.
- Comment on the proposed distribution network to the site (if necessary) and on the site (internal reticulation).
- Identify where new substations (if any) would be located. Provide the dimensions for these structures.
- Bitou Municipality to confirm in writing whether they have capacity to meet the electrical demand.

Please indicate by when you would be able to provide the above

SEVEN OAKS



REVISIONS	
NO.	DESCRIPTION
01	
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- CONTRACTOR & GEN. NOTES**
- ALL MATERIALS ETC. TO BE FITTED IN STREET ACCORDANCE WITH MANUFACTURERS' SPECIFICATIONS.
 - ALL SPECIFICATIONS ETC. TO BE IN ACCORDANCE WITH MODEL PRELIMINARS FOR TRADES AS PUBLISHED BY THE ASSOCIATION OF SOUTH AFRICAN QUANTITY SURVEYORS.
 - ALL WORK TO BE DONE IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS (SOUTH AFRICAN CODE OF PRACTICE) AND BUILDING STANDARDS ACT, ACT 103 OF 1978.
 - CONTRACTOR TO ALLOW FOR ARCHITECTS BOARD.
 - ALL ELECTRICAL WIRING BY WALLS, FLOORS AND CEILING TO RUN IN SABS APPROVED CONDUITS.
 - REGULATIONS AND REQUIREMENTS OF ALL RELEVANT AUTHORITIES TO BE ADHERED TO.
 - CONTRACTORS TO CHECK ALL DIMENSIONS AND LEVELS ON SITE BEFORE COMMENCING WITH WORK.
 - FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED MEASUREMENTS.
 - ALL STRUCTURAL DESIGN TO BE THE RESPONSIBILITY OF A PROFESSIONAL ENGINEER.
 - COPYRIGHT RESERVED.



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PROJECT, TITLES & DATA		
Project: PROP. RETIREMENT VILLAGE FOR L. DEL MONTE on ERVEN 103 & 104, WITTEDRIFT		
Drawing title: SITE LAYOUT 53 UNITS		
Main data:		
Job No. 5075-01	Draw. No. 01(CD)	Rev. No. R09
Scale: 1 : 500	Date: MAY 2019	Drawn: ERIK VOIGT
SACAP 0182	SABS PLS 708	