

Swellendam

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Municipality

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Date : 21 June 2018
Attention : David Douglas
From : F. Erasmus
Reference : 5/13/1

ASLA DEVCO (PTY) LTD.
P.O. BOX 118
GORDONS BAY
7151

Sir,

SWELLENDAM: RAILTON HOUSING PROJECT

Your request regarding the current backbone capacity of the engineering infrastructure.

The proposed housing project on a Remainder of Erf 1 adjacent Railton residential township in Swellendam, will consist of 950 residential erven as well as 4 erven for community facilities, 2 erven for business, 3 for mixed use and 10 erven for public open space.


We herewith confirm that the following services capacity are sufficiently at present to accommodate the commencement of the housing development. The bulk capacity must be utilised for all developments in Swellendam, and continuous upgrading is in planning that will be constructed and funded via the MIG annual allocation in conjunction with the other bulk infrastructure projects currently in progress, during the next few years, to meet in the demands of the proposed housing Development:

- The Klipperivier Waste Water Treatment Works has sufficient capacity to accept the additional sewerage that will come from the housing development. The Waste Water Treatment Works last upgrading was completed in 2015 and consists over a residential treatment capacity of 4 Ml/day. We confirm that the existing Treatment Plant has sufficient capacity to accommodate the sewage disposal from the proposed development, the design and construction of the bulk link services will form part of the housing development and must make adequate capacity available for the planned development in Railton.

- There is sufficient capacity in the waste collection process and at the waste disposal dump site that will ensure that this service will be available to all members of the community in the proposed housing development.
- The external road and storm water infrastructure will be upgraded simultaneously with the construction of the internal civil engineering services as an integrated part of the housing development program.
- All the required internal, link and external services which is essential to enable the full functionality of the internal services will be upgraded, in the housing development phases over the construction period and will be completed before the occupation of new top structures and/or serviced sites.
- The integrated engineering designs of all external and internal infrastructure will be done in detail in collaboration with the municipal engineers prior commencement of construction.
- All design criteria's must be in accordance of present day engineering practices that will meet municipal operating and maintenance standards.
- The selection of material, equipment and sizes will be standardised to limited unnecessary variations to streamline store keeping and standard operating practices to the municipal maintenance team.

We trust that this information will assist you in the compilation of the housing program for Railton.

Yours faithfully



**F. ERASMUS (Pr. Tech Eng.)
DIRECTOR, INFRASTRUCTURE**