



SF 25243 – STANFORD: WALKER BAY ESTATE

ELECTRICAL SERVICES REPORT – 8 JULY 2025

1. ELECTRICITY SUPPLY NETWORK

The proposed supply will comprise the following:

- a) The Overstrand Municipality will make a bulk LV supply available from a minisub that needs to be cut into the proposed new 11kV ring feed.
- b) The new ring supply, 95mm² PILC 11kV Cu cable, must be installed between MS de Bruyn and MS Birkenhead Brewery. From MS de Bruyn it will be routed along the existing overhead line route up to the R326 road. It will then run along the R326 up to the entrance of the Birkenhead Brewery. From there it will continue to MS Birkenhead Brewery. The existing 11kV overhead line will then be removed.
- c) This new ring feed will also make capacity available for the proposed smaller developments along the route.
- d) The installation must be done strictly as per the consulting engineer's layout drawings, to be approved by the municipality. Refer attached municipal drawing for the proposed new ring feed.

The entire distribution network shall be provided at the cost of the Developer. The current municipal bulk supply contribution of R 6 497.00 (Incl) per kVA will be applicable.

The installation will also be according to the municipality's "Standard Guidelines for Electrical Services."

1.1 Underground services

The electricity network shall be an underground installation with all material/equipment and installation methods in accordance with the "Standard Guidelines for Electrical Services."

1.2 Impact on bulk and reticulation systems

The impact of this development on the existing 11kV distribution in this area will be minimized by the installation of the proposed ring feed.

1.3 Bulk service requirements (External 11kV connection)

This development does not require an 11kV bulk supply.

1.4 Servitudes

All services will be installed in road reserves. No servitudes required.

1.5 Erf connections

Erf connections shall be for 60A single phase smart metering.

The electricity supply network to the distribution kiosks and streetlights shall be underground with all material/equipment and installation methods in accordance with the Guidelines for Township Electrical Services.

Since this will be a secure village, all LV metering will be by a private vendor.

1.6 Services charges

The developer will be responsible for paying the applicable bulk services levies on the LV bulk supply.

1.7 Ownership and maintenance

Ownership of the electricity supply network infrastructure, as described in the plans and specifications necessary for the development, shall be transferred to the Overstrand Municipality.

However, they will not be responsible for the operation and maintenance of the secondary reticulation of each property.

2. STREETLIGHTS

The street lighting shall be provided at the cost of the Developer as per the client's requirements and specification.

2.1 Type of streetlight

To be confirmed.

2.2 Streetlights power supply

The power to the new streetlights will be supplied by the relevant new minisubs.

3. Bulk Metering in new miisub.

Will be supplied and installed, according to municipal specification, by the developer.

Prepared By:



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