

# HEBRON CHRISTIAN ACADEMY

ERF 928, DIGTEBIJ, KUILSRIVER

## ENGINEERING SERVICES REPORT



7 Digtebij Avenue

Mabille Park

KUILSRIVER

7580

TEL: +27 21 906 5602

FAX: +27 21 906 5603

E-MAIL: [hq@daveng.co.za](mailto:hq@daveng.co.za)

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## **1. DESCRIPTION OF PROJECT**

The project consists of the extension of Hebron Christian Academy. The proposed development will include the building of new class rooms, offices and a school hall.

## **2. DESCRIPTION OF SITE**

The site is situated in an established area within the City of Cape Town Municipality in Kuils River.

The site is a portion of Erf 928 and its 2.24Ha in area. The site is bounded by Digtebij Avenue to the west, Remainder of portion of Erf 928 to the North, Erf 11597 to the South and Erf 926 to the East.

The geology of the site consists essentially of a top-soil and a sand layer.

## **3. LOCAL AUTHORITY AND SERVICE STANDARDS**

The development falls in the area of the City of Cape Town Municipality and their requirements need to be met.

## **4. ROADS**

Access to the site will be via the existing access In Digtebij Avenue.

## **5. STORMWATER**

The stormwater runoff will be accommodated on the existing stormwater conduit running south on Digtebij Avenue.

## **6. SEWER**

There are two sewer storage tanks on Erf 928 which service the school. Plans are in an advanced stage to connect the sewer on Erf 928 to the City's existing sewer network system.

## **7. WATER**

The municipality will supply a connection for this erf.

## **8. ELECTRICITY**

The electricity falls within the jurisdiction of the City of Cape Town Municipality. There exists infrastructure for the particular demand. The proposed development will require a 60A three phase (40kva) electrical supply.

## **9. CERTIFICATION OF 1 IN 50 YEAR FLOOD LINE**

The site is not located on any natural river courses. A 1 in 50 year flood line therefore does not apply.