



Drainage Basement Drainage Illovo Boulevard

Case Study

Project: Illovo Boulevard (new development)

Client: Kagiso Property Holdings

Consultant: P D Naidoo / Pure Consulting

Contractor: Edilcon Construction

Date: July 2003

Product: Flo-Drain™
WickDrain



The building had been built on a stand with a slope of nearly six metres from the road's normal ground level to the bottom of the stand. The lower basement at one end is 6 mt below normal ground level and the other end is 500 mm below normal ground level.

Construction had occurred during winter when conditions were very dry, but the consultants now wanted to allow for the wet season and also for excess water from the irrigation system.

Because of the variation of the floor levels and the cost involved it was decided to use a 550 mm **FLO-DRAIN™** on the toe of the foundation, with a M100R **GEOPIPE™** and 100 mm **WICKDRAINS** every 1 500 mm at 45° angles.

At every 10 mt there is a rodding eye, which also serves as an inspection eye.

