



EMIRATES HILLS SECOND' VILLAS

Shoring Works

Emirates Hills Second, Dubai, UAE

Owner: Emirates Golf Club
Engineer: Arch Group
Main Contractor: Herald Contracting
Completion Date: Oct 2010



PROJECT DESCRIPTION

The project of Emirates Hills Second Villas is awarded to M/s Herald Contracting as main contractor where works include the installation of infrastructure and utilities in addition to the construction of villas compound.

Excavation associated to the infrastructure works such as Storm Water Sump Bits and Water Tanks require excavation to depth up to 7 m at several locations.

The project is awarded to SOILTEC as Shoring Works including Design and Execution and Extraction of Shoring System in order to obtain stable and retained area for the construction of utilities & Tanks



QUALITY CONTROL

All used material inspected and certified by a third party lab.

Beams are installed as per approved shop drawings within allowable tolerance.

Shoring Deflection was monitored during excavation to ensure that max deflection does not exceed the allowable limit



SCOPE OF WORKS

Shoring System: H Beams Wall
Shoring Quantity: 134 lm
Excavation Depth: 4.5 m

