

AI ALI COMMERCIAL-RESIDENTIAL TOWER

Enabling Works

Al Nahda 2, Dubai, UAE

Owner: Mr. Mohamed Abdulrehim Al Ali
 Engineer: *Al Takamol Alhandasi*
 Main Contractor: Dubco Construction
 Completion Date: July 2008

PROJECT DESCRIPTION

The Project consists of 2B+G+2P+19 floors + Roof commercial & Residential Building.

The Project is located in Al NAHDA 2, along Dubai Sharjah main road on plot no. 231-233 Al Nahda2, Dubai

The project is awarded to SOILTEC as Shoring & Piling Package through the main contractor.

Works was permitted and inspected by Dubai Municipality.



QUALITY CONTROL

All used material inspected and certified by a third party lab and each delivery of ready mix concrete was inspected at site for its Temperature and Slump.

3 Static Load Tests to 150% of working loads were carried out, Sonic Coring tests were applied for 10% of working piles, Dynamic Loads Tests for 5% and Integrity Tests for 100% of working piles.

SCOPE OF WORKS

Shoring System: Contiguous Piles Wall
 Shoring Quantity: 128 lm
 Bored Piles Diam.: 600, 1000, 1200 mm
 Bored Piles Quantity: 3406
 Bored Piles Depth: 26 m
 Other Works: Ground Anchors
 All Material was delivered by the Main Contractor

