



FOUNDATION ENGINEERING

International Tower at Capital Centre

Plots C18 & 19

COMMERCIAL - OFFICES • DIAPHRAGM WALLS • ROTARY BORED PILES • STRUTTING • EXCAVATION



Client

Island Office Property Holdings

Consultant

Coffey Projects (Middle East) Ltd / Woods Bagot

Main Contractor

NSSC International

Location

Abu Dhabi, UAE

Start Date

5 August 2008

Completion Date

18 March 2009

Project Details

Type of Work: Shoring, Excavation, Piling and Dewatering Works.

Plot C18 - Diaphragm Wall, 1000 mm thick

Total Excavation Depth: 12.95 m

Shoring Depth : 20 m

Length of Shoring : 300 m

Plot C19 - Diaphragm Wall, 800 mm thick

Total Excavation Depth: 6.73 m

Shoring Depth : 12.05 m

Length of Shoring : 240 m

Total Number of Piles : 224 nos. (1000, 1200, 1500 & 1800 mm dia.)

Reinforcement Steel : 2,848 tons

Concrete Volume : 15,220 m³

Total Length Drilled : 6,218 LM

