

FOUNDATION ENGINEERING

Cranleigh School Abu Dhabi Saadiyat Island Cultural District

EDUCATION - SCHOOLS • ROTARY BORED PILES



Client

Tourism Development & Investment Company (TDIC)

Consultant

MLC International, Sheperd Gilmour

Main Contractor

NSCC International

Location

Abu Dhabi, UAE

Start Date

July 2013

Completion Date

September 2013

Project Details

Located in the Saadiyat Cultural District next to Manarat Al Saadiyat and the UAE Pavilion, Cranleigh Abu Dhabi will become the largest school campus in Abu Dhabi with open green spaces and extensive landscaping. The project's total development area is 84,800 m², incorporating separate Junior and Senior schools (each with its own classrooms, faculty offices, administration offices, dining hall and library), Science Block and Sports Hall.

600 mm dia. piles	: 851 nos., to a depth of 16 m
Static pile load tests	: 9 nos.
Non working load tests	: 2 nos.
Integrity tests	: 851 nos.
Dynamic load tests	: 43 nos.
Sonic coring tests	: 85 nos.
Excavation volume	: 21,430 m ³
Backfilling	: 332 m ³