

GROUND IMPROVEMENT

Citywalk Residential & Retail Development at Jumeirah, Dubai

RESIDENTIAL • RETAIL • STONE COLUMNS (VIBRO REPLACEMENT)



Client

Meraas Development

Consultant

Holfords

Contractor

Al Shafar General Contracting (ASGC)

Location

Dubai, UAE

Start Date

July 2013

Completion Date

February 2014

Project Details

Due to unsuitable soil conditions for the proposed raft foundation at this site, stone columns ground improvement works were required. NSCC was originally awarded the sub-contract for ground improvement works at one plot, and subsequently awarded the project's remaining 6 plots after superior performance at the first plot.

Stone columns are being installed to a depth of around 6.5 m at 2.0 m grid spacing.

Method	: Wet Top Feed
Stone columns diameter	: 900 mm
Depth	: 6.0 - 6.7 m
Total linear meter	: 149,000 LM

Surrounded by a large number of well established residential communities in the heart of Jumeirah, Citywalk is destined to become a vibrant retail destination and prestigious residential development.