

FOUNDATION ENGINEERING

Sweid One

Jumeirah Lake Towers

COMMERCIAL - OFFICES • ROTARY BORED PILES • SECANT PILED WALLS • GROUND ANCHORS • STRUTS



Client

Four Development DMCC

Consultant

Group Consult International

Main Contractor

NSCC International

Location

Dubai, UAE

Start Date

April 2024

Completion Date

November 2024

Project Details

Rotary Bored Piles

1000 mm dia. piles : 111 nos., drilled to a depth of 7.6 m
1000 mm dia. piles : 157 nos., drilled to a depth of 9.6 m
Total length drilled : 4,595.6 LM

Secant Piled Wall

Length of wall : 464.8 m
Depth of wall : 19.9 m
Shoring piles : 706 nos. @ 780 mm c/c spacing

Ground anchors : 391 nos.
1200 mm dia. struts : 4 nos.

Concrete volume : 10,066 m³
Reinforcement steel : 1,175 tons
Excavation volume : 160,003 m³