

# FOUNDATION ENGINEERING

## DIFC Square

### Premium Offices & Retail

COMMERCIAL • OFFICES • RETAIL • ROTARY BORED PILES • SECANT PILE WALLS



#### Client

DIFC Investments Ltd.

#### Consultant

Lacasa Architects & Engineering Consultants

#### Main Contractor

NSCC International

#### Location

Dubai, UAE

#### Start Date

May 2024

#### Completion Date

October 2024

#### Project Details

DIFC Square will comprise office and retail components targeted towards an audience of the world's largest companies, including banks, wealth managers, insurance companies, law firms and regional head offices.

#### Large Diameter Rotary Bored Piles

900 mm dia. piles : 75 nos., drilled to a depth of 25.7 m  
1200 mm dia. piles : 275 nos., drilled to a depth of 38.8 m  
Total length drilled : 8,484.78 LM

#### Secant Piled Wall

Perimeter : 652.33 m  
Retained height : 4.4 m to 7.4 m  
630 mm dia. piles : 103 nos. @ 530 mm c/c spacing  
780 mm dia. piles : 1,377 nos. @ 680 mm c/c spacing  
Total length drilled : 12,732.5 LM

Concrete volume : 12,047 m<sup>3</sup>  
Reinforcement steel : 759.86 tons