

## FOUNDATION ENGINEERING

# The Edge @ Dubai Internet City

## Plot A-004-038 Al Sufouh

COMMERCIAL • CONTINUOUS FLIGHT AUGER (CFA) PILES • SECANT PILED WALLS



### Client

Sweid & Sweid Development

### Consultant

Brewer Smith Brewer Gulf (BSBG)

### Main Contractor

NSCC International

### Location

Dubai, UAE

### Start Date

June 2014

### Completion Date

November 2014

### Project Details

#### Secant Piled Wall

Perimeter : 174 m  
Retained depth : 12 m - 14 m  
Shoring piles : 316 nos.  
Pile details : 900 mm dia. @ 750 mm c/c,  
17 m - 19 m long  
Ground Anchors : 174 nos.

#### CFA Piles

800 mm dia. piles : 158 nos., 12 m - 21 m deep  
Excavation volume : 36,500 m<sup>3</sup>  
Concrete volume : 4,000 m<sup>3</sup>  
Reinforcement steel : 290 MT  
Dewatering works.

