

FOUNDATION ENGINEERING

The Address Residence Sky View Downtown Dubai

RESIDENTIAL & COMMERCIAL • LUXURY • ICONIC • LOW HEADROOM MICROPILES • GROUND ANCHORS



Client

Emaar Properties PJSC

Consultant

Turner Construction

Architect

Skidmore, Owings & Merrill

Main Contractor

NSCC International

Location

Dubai, UAE

Start Date

September 2017

Completion Date

March 2018

Project Details

The purpose of the micropiles is to support the loads from the metro travelator which will be relocated from its existing location. The scope of works includes:

- Shoring using 220 nos. self-drilled micro piles (size 103/52 from Ischbeck titan)
- Capping beam with 2 layers of anchors done by self-drilled micro-piles (size 52/26 from Ischebeck titan) & waler beam
- Excavation of 5.5 m
- 21 groups of self-drilled main micro-piles (total 168 piles) (size 103/43mm)

