

## FOUNDATION ENGINEERING

# Marina Mall, Lusail, Doha

RETAIL • ROTARY BORED PILES • SECANT PILED WALLS • DEEP EXCAVATION



### Client

Mazaya Qatar Real Estate Development Q.S.C.

### Consultant

HOK

### Main Contractor

NSCC International

### Location

Doha, Qatar

### Start Date

May 2013

### Completion Date

February 2014

Extending over an area of 57,605m<sup>2</sup>, the iconic Lusail Marina will feature state of the art designs and stylish architecture.

### Project Details

- 900 mm dia. piles : 1,750 nos.  
6000 kN compression, 2000 kN tension & 200 kN lateral pile capacity
- 900 mm dia. piles : 85 nos.  
3000 kN compression, 1500 kN tension & 200 kN lateral pile capacity
- Secant Pile Wall : 881 LM of 1200 mm dia.  
9.3 m and 11.10 m excavation depth
- Excavation Works : 437,381 m<sup>3</sup>

