

## MARINE WORKS

# Mina Zayed Fisherman's Wharf

## Phase 1B

PORTS & SHIPPING • PERMANENTLY CASED ROTARY PILES • QUAY WALLS (SECANT PILES)



**Client**  
Modon Properties

**Consultant**  
Hill International Inc.

**Main Contractor**  
NSCC International

**Location**  
Abu Dhabi, UAE

**Start Date**  
May 2022

**Completion Date**  
December 2022

### Project Details

#### Steel Tubular Piles (Permanently Cased Rotary Piles)

914 mm dia. : 95 nos, drilled to depths ranging from  
13.39 to 15.17 m

Total length drilled : 2,346 m

#### Secant Piled Quay Wall

Length of wall : 393.5 m

Retained height : 12.66 to 13.62 m

Shoring piles : 392 nos. ,1200 mm dia.  
@ 1000 mm c/c spacing

Total length drilled : 5,867 m

Concrete volume : 7,303 m<sup>3</sup>

Reinforcement steel : 706.22 tons

Deck on Piles : 95 nos.