

# Flood Prevention Scheme For Doha North Area – Phase 3 (C1/850)

## Client

Boom Construction Company W.L.L.

## Scope of Work

Preliminary Design  
Detailed Design  
Issued for Construction

## Location

Qatar

## Types of Activities

Architectural  
Civil  
Electrical  
Communications and Security Systems  
Mechanical  
Instrumentation  
Roads  
Structural

The project covers different areas of Muaither, Old Rayyan, Al-Gharafa, Al-Dafna, Bin Omran, Oniaza, Al-Tarfa, and Al-Khisah. Works include hydraulic, civil, and structural design for a storm water network; including pipes, hydraulic structures, diversions, and other under or above ground works. The main components of the network are as follows: semi-perforated pipes with porous

trench of diameters ranging from 300 mm to 600 mm, and length of approximately 35,350 m; solid pipes with diameters ranging from 300 mm to 800 mm, and length of approximately 32,250 m; and trench soakaway with length of approximately 4,830 m. The project also includes a pump station, an Emergency Flooding Area (EFA), and another EFA with pump station.

