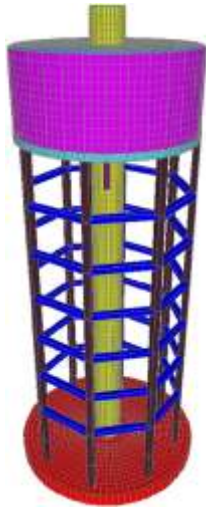


AL AZIZIYAH INFRASTRUCTURE WORKS (LIBYA)
ELEVATED WATER TANK, PUMP HOUSES AND RELATED WORKS

CONSTRUCTION: KOURTIDIS S.A.
GENERAL DESIGNER: ENB S.A.
STRUCTURAL DESIGN: KANON CONSULTING (2010)



Structural Model of 500 cu.m. Elevated Water Tank

This project is constructed by the Housing and Infrastructure Board of Libya in the Al Aziziyah Settlement, and involves the water supply, sewerage and Storm Water Collection Systems for the Settlement.

"Kanon Consulting" was commissioned to perform the structural design of a series of structures with most predominant one a 500cu.m. elevated water tank.

The water tank is approximately 36.0m high. Its foundation raft has a diameter of 15.0m. The subsoil consists of soft clay and the foundation was designed to limit settlement.

Other structures designed by our office include sewage tanks, pump Houses etc.

Due to the political situation in Libya, all works have been suspended.



Construction of Water tank Foundation