



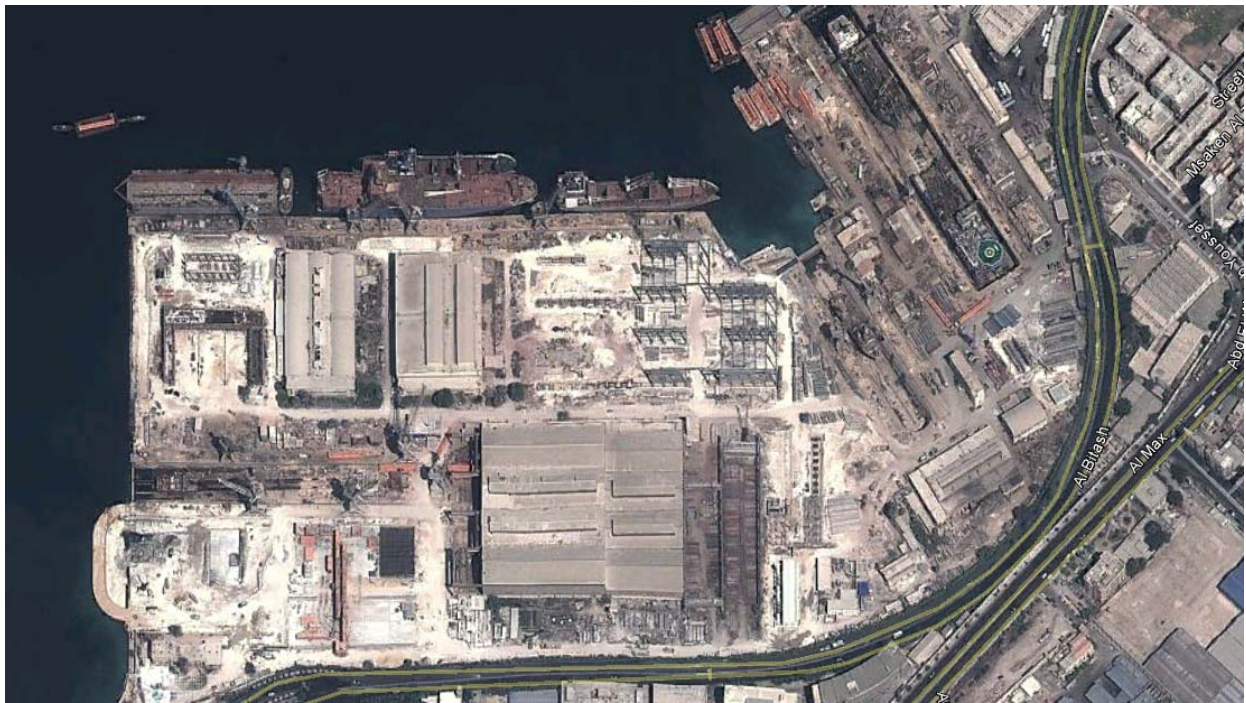
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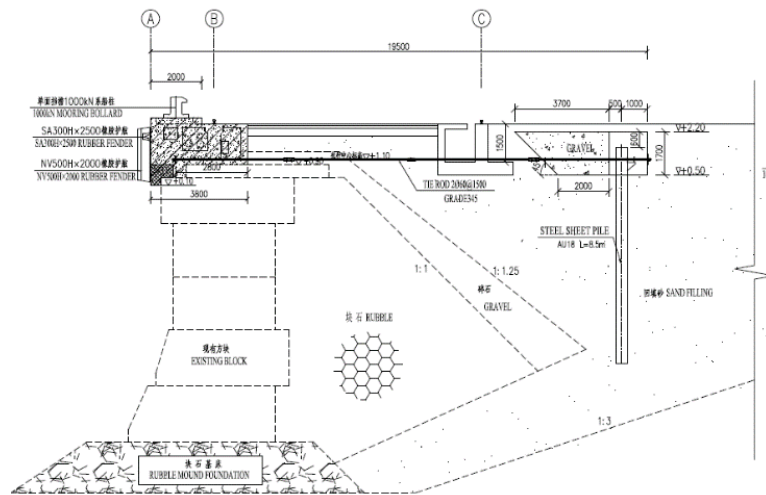
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SELECTED PROJECTS HIGHLIGHT

Project	Upgrading Alexandria Shipyard	Client	Alexandria Shipyard Company
Date	2010 – Present	Value	1.2 Billion Egyptian Pounds
Role	Design and Supervision	Location	Alexandria Harbor





Project Timeline

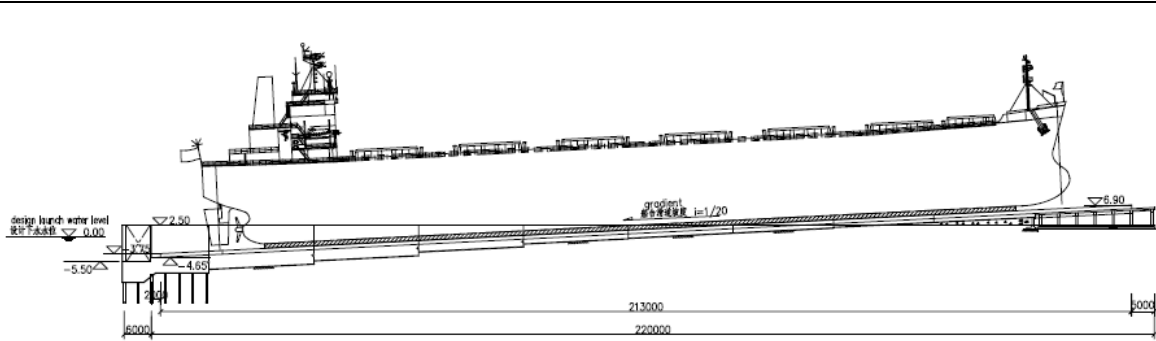
- Design phase 6 months
- Construction phase 36 months

Scope of Contract

- Design and construction supervision of the following Items:

(1) Upgrade Marine Structures:

- Eastern quay wall (450m sheet pile type wall to (-10.00))
- Northern quay wall (450m block type gravity wall to (-10.00))
- Western quay wall (200m block type gravity wall to (-10.00))
- Dry dock (50m x 300m – Draft 14.0m – Capacity 100,000 DWT vessels)
- Mechanical slipway/Boat lift (1000t capacity)



(2) Newly Built Structures:

- **South berth (50m x 230m – Draft 14.0m – Capacity 100,000 DWT vessels)**
- **Block assembling & welding workshop (190.0m x 33.0m x 15.0m)**
- **Block paint coating workshop**
- **Pipe workshop,**
- **Main store**
- **Components & parts supporting stockyard**
- **Oxygen station**
- **Air compression station**
- **Carbon dioxide station**
- **Natural gas station**
- **Sewage treatment station**
- **Seawater pumping station**



(3) Upgrade Structures:

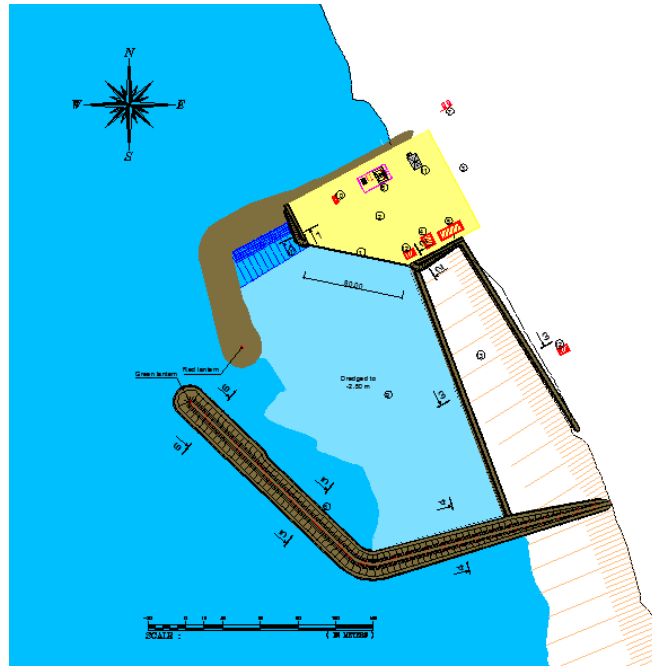
- Hull workshop
- Outfitting workshop
- Machinery workshop
- Foundry workshop
- Main power transformer station
- Boiler station
- Water supply station
- Roads and landscaping

Work Effort

13,500 Design man hours

180,000 Supervision man hours

Project	Alkhawba Harbor	Client	Ministry of Fisheries
Date	2012-present	Value	9.5 Million USD
Role	Design and Supervision	Location	Alkhawba – Republic of Yemen





Structural plan view

Scale: 1/250

(2) New Structures:

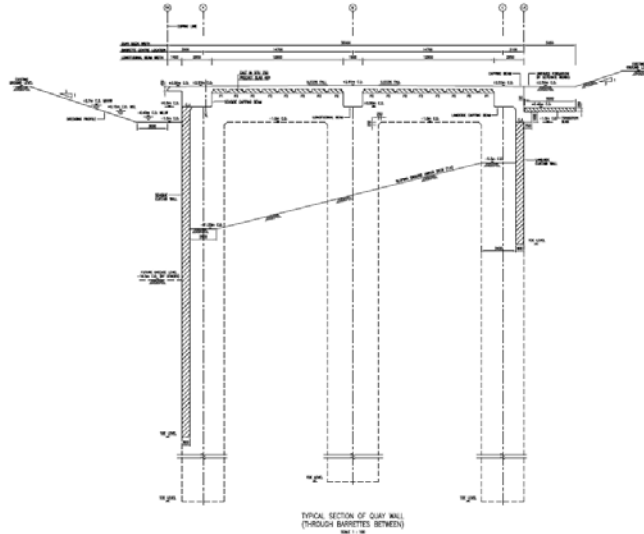
- **Auction hall**
- **Water tower and network**
- **Management building**
- **Roads and infrastructure**

Work Effort

2,700 Design man hours

28,000 Supervision man hours

Project	Sharq Eltafrea Container Terminal	Client	Ministry of Defense
Date	2014	Value	850 Million Egyptian Pounds
Role	Design and Supervision	Location	Port Said



Project Timeline

- Design phase 3 months
- Construction phase 18 months

Scope of Contract

- Design and construction supervision of the following Items:

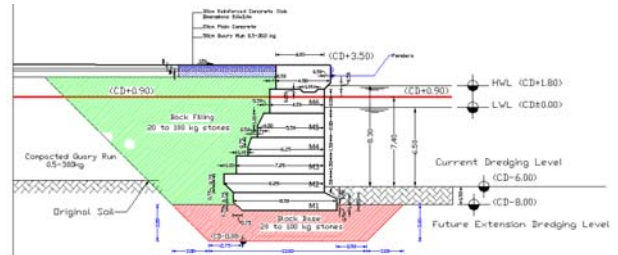
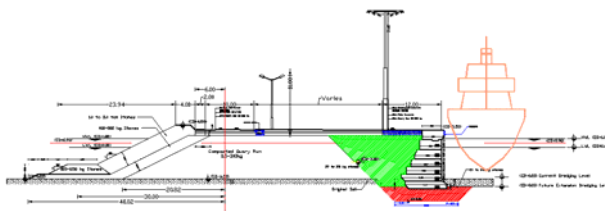
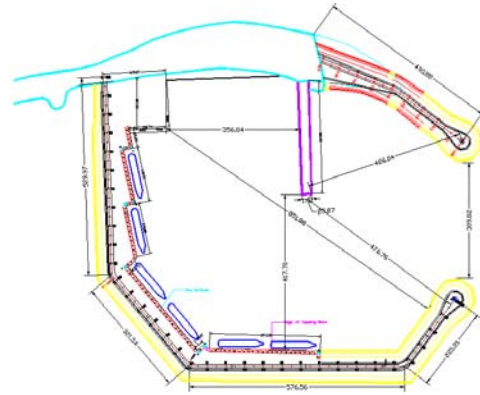
(1) New Marine Structures:

- Main quay wall (500m Double Row Diaphragm type wall to (-16.00))
- Diaphragm wall extends to (-70.00)
- Container Terminal facility (10,000 containers capacity)

Work Effort

- 3,200 Design man hours

Project	Alkatheeb Harbor	Client	Yemen Naval Forces
Date	2005-2010	Value	85 Million USD
Role	Design and Supervision	Location	Alhudaida – Republic of Yemen





Project Timeline

- **Design phase** 3 months
- **Construction phase** 36 months

Scope of Contract

- Design and construction supervision of the following Items:

(1) New Marine Structures:

- **Main quay wall** (980m Gravity blocks type wall to (-12.00)
Foundations at (-17.00))



- **Breakwater** (750.0m length – water depth (-11.00))
- **Beach revetment** (550.0m length – water depth (-1.50))
- **Boats Slipway** (5000 DWT vessels)
- **Dredging Work** (2.0 Million cu.m)

Work Effort

3,200 Design man hours

50,000 Supervision man hours