

Field of expertise: Port design, hydraulic structures

Client: Damen Shipyards Gorinchem

Project description

The main object of the project is the realization of a shipyard for ships with a maximum weight of 750 ton. The shipyard consist of a main hall, warehouse, transfer area and a slipway. Next to the main hall a warehouse is placed for the storage of material. The main hall is founded on steel piles. The warehouse is founded on several concrete strips. The transfer area has a concrete casing in which the excavated material is of the same weight as the ship to minimalize settling of the soil.

Project activities

- ◆ Preliminary design, consisting of multiple alternatives;
- ◆ Final design, including concrete and reinforcement drawing;
- ◆ Construction design.

Design of a shipyard, Venezuela

