



**REVETMENT FOR HOSN HOTEL**

Six-star hotel 'Al Hosn' overlooking the turtle beach area.

The revetment protects the weathered and weak rocky cliffs but leaves access to a sandy area for green turtles to come and hatch on the beach.



**MARINA MAIN BREAKWATER**

The team are seen working on the main marina breakwater.

A special silt curtain was installed to protect the corals during the works.



**BREAKWATER ROUNDHEAD**

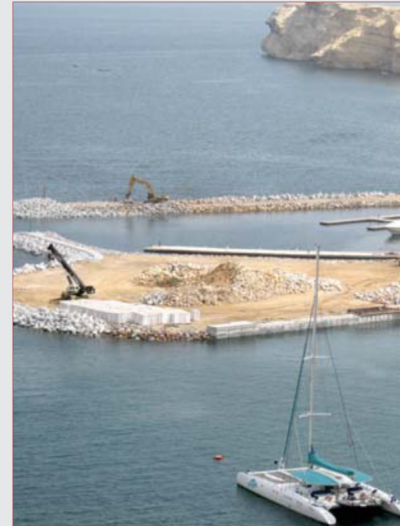
A crawler crane working on placing 'Core-Lock' concrete pre-cast units on the breakwater's roundhead.

A navigational aid would eventually be installed at this roundhead, indicating the marina's entrance.

**MARINA AREA**

An overview of the marina area showing the breakwater, quay wall, as well as the reclaimed zone to accommodate new residential leisure activities.

The quay wall is to allow the boats to park for refuelling and taking potable water on board.



**BARR AL JISSAH RESORT AND SPA (SHANGRI-LA)**

Built on a pristine site, the Barr Al Jissah Resort (Shangri-La) is well integrated in the nature as the developers were committed to cause minimum adverse impact on the environment.

A contract to develop, upgrade, and extend the marine facilities was awarded to Sarooj who had to operate without disturbing the guests.

The works comprised of breakwaters, revetments, skiff beach, diving club, reclamation works, quay walls for refuelling the boats, marina floating pontoons, beach restoration, reserved turtle area, and internal roads and car parks.

Considering the project's location, the logistical support for the supply of rock and Core-Lock units was done from the sea using landing crafts, barges, and tug boats.

Two finger jetties were built at each side of the sandy bay in front of the resort and clean white sand was imported to replenish some barren areas.

Rock protection was also provided for the intake and brine pipes connected to the Reverse Osmosis (RO) plant.

**FLOATING PONTOONS**

After the marina was commissioned, boats and yachts started mooring at the floating pontoons, protected by a breakwater.

