

project name Dubai Pearl
 utilites and services design

owner Pearl Dubai FZ LLC, Dubai (U.A.E.)

architect Schweger & Assozierte, Hamburg (Germany)

location Dubai (U.A.E.)

project duration begin november 2007
 end january 2008

Dubai pearl is an urban development on an important location landward to famous "palm island". The project consists of a central high rise complex of four towers of 260 m (850 ft) and a surrounding living city.

total constructed area 1.394.052 m² (15 Msft)



Dubai pearl ©dubai pearl

responsibilities

schematic design and master plan for utilites and public services:

- water supply, including water mains, pumping station, water storage tanks 5,000 m³ (1.3 Mgal), grey water reuse network
 - sewage system, including gray water reuse
 - storm water drainage
- chilled water distribution for 125 MW (117 MBTU/s) chilled water demand, up to DN 1500 (60 in) chilled water mains
 - utilities and service tunnel for pipe and cable works

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photographs



panoramic view dubai pearl landward (t) seaward (b) ©schweger assoziierte, hamburg (germany)

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