
Open Air Water Parks - Worldwide

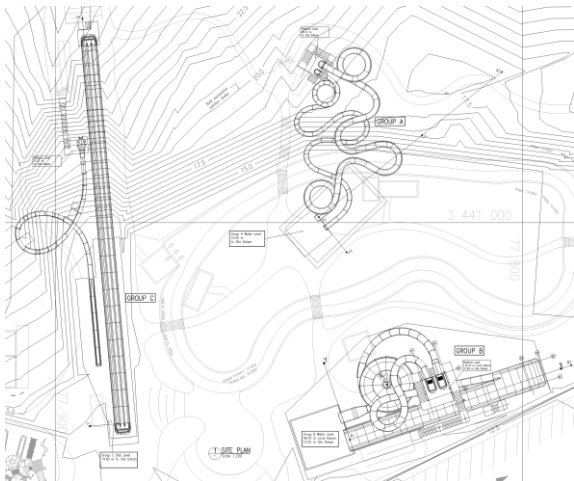
3D Slide Geometry
Support Structures
Access Towers & Platforms
Splash Pools & Wave Pools
Associated Infrastructure



Projects completed in the following countries:

Bahrain, Belgium, Crete, Dubai, Egypt, Eire, France, Germany, Greece, Holland, India, Isle de Réunion, Israel, Italy, Latvia, Libya, Mauritius, Nigeria, Norway, Romania, Russia, Saudi Arabia, South Africa, South Korea, Spain, Switzerland, Syria, Thailand, Tunisia, Turkey, UAE, Ukraine, UK

Calculations prepared by MSJ and approved by checking authorities in a number of countries.



Design of projects abroad presents problems not encountered on UK jobs. Wind and snow loads need to be determined for the area as well as any local regulations that may need to be satisfied.

Most countries are willing to accept design to British Standards or Eurocodes for this type of installation.

Melia Smith & Jones have provided Structural Engineering Services to many of the world's major Water Slide Manufacturers on a large number of projects throughout the UK, Europe and the rest of the world.

Extensive use is made of computer aided design and drawing to generate and manipulate complex 3D slide paths and structures. MSJ have developed computer programs in-house, interfaced with their CADD system, to ensure speed and accuracy in carrying out these tasks.

A 3D computer model is created both for visualisation and clash detection.

Rendered perspective views can be created at proposal stage to enable the Client to fully visualise the impact of the development on the site.

Final design with detailed drawings ensures that site construction consists of assembling a kit of pre-fabricated and pre-drilled components.

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