

# AQUATERR

CASE STUDY 002.

## LOUISA CENTRE, STANLEY

Architect: LA Architects  
Main Contractor: AWG Construction  
Completed: June 2004

### Contract Summary

The installation and commissioning of a 12.4 metre long by 8 metre wide moveable floor system for a new commercial swimming pool development.

### Functionality

The moveable floor system is located in the Learner Pool to accommodate swimming for all ages and abilities. A total of 6 varying depths have been programmed into the system, providing a range of activities such as water aerobics, mothers and toddler's classes, school lessons and general recreational swimming.

### Product Description

The structure of the moveable floor was manufactured from grade 316L stainless steel, formed into a lattice work with longitudinal members spanning between main traverse beams. The floor was then covered with high-density polyethylene panels, secured to the structure using stainless steel fixings. Buoyancy blocks are secured to the latticework and the structure is restrained with the aid of stainless steel cables, which locate to pulley blocks/anchor plates on the base of the pool.

The stainless steel structure was pre-fabricated and shipped to location in suitable sized sections. When in location, the structures was bolted together, panel finished and the mechanical operating equipment was incorporated.

### Safety

Design, manufacture, installation, commissioning and refurbishment of all Aquaterr products comply with all current Health and Safety regulations, guaranteeing a high-quality product with optimum safety as priority.

**For more information on Aquaterr Pool Technology moveable floor systems, please contact us on 0161 905 2302 or email your enquiry to [info@aquaterr.co.uk](mailto:info@aquaterr.co.uk)**

# AQUA TERR

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