



QUEENSFERRY HIGH SCHOOL

About Sports Labs

Sports Labs are a consultancy practice and test facility specialising in artificial pitches, athletic tracks and other sports facility provisions. We want people to play in a safe environment on the highest-quality sport surfaces. We will use our experience and innovative technologies to continue to strive toward this goal.

Our Role

Design and Consultancy Services

- Design and specification
- Tendering and procurement
- Construction and Project management

Site Testing Works

- Key Stage Inspections
 - Formation Level
 - Sub-base
 - Asphalt Layer
 - Materials
- Final Performance Test: to FIFA and World Rugby Regulations

Location

The project site was located at the South Queensferry Community Hub. The site comprised of 2 natural grass pitches, 3 asphalt tennis courts and 2 3G multi use games area.

Project

The project consisted of the construction of a new full size 3G artificial turf pitch for multi-sport use (10200 m²), spectator area and dug-out/storage area. The pitch conforms to the requirements set out for World Rugby Regulation 22 (2016) and FIFA Quality (Handbook of Requirements for Football Turf 2015).



HEADQUARTERS

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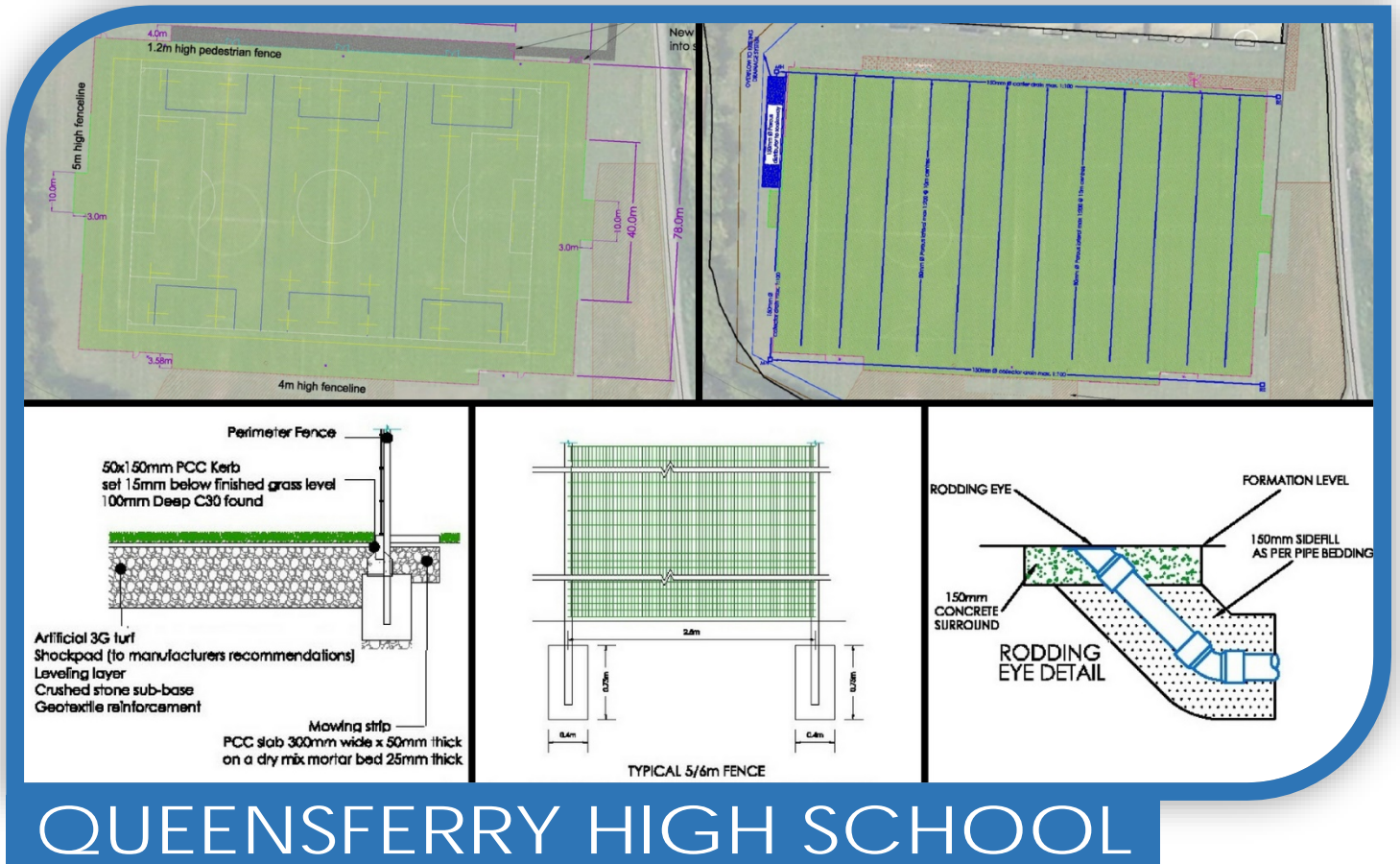
LOCATIONS

- United States
- Morocco
- Turkey
- South Africa
- Holland
- Belgium
- Norway
- South America
- Israel



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Key Stages of Construction

Site Preparation

1. Excavation of the existing pitch to formation level.
2. Formation level compaction to minimum bearing capacity requirements.
3. Removal of excavated soils and existing site debris.

Surface Installation

1. Installation of drainage system.
2. Installation of Triaxial Geogrid.
3. Placing, levelling and compacting sub-base to pitch and play area.
4. Installation of levelling layer to required tolerances.
5. Installation of kerbing throughout project

Pitch Installation

1. Installation of prefabricated shock pad
2. Installation of 3G artificial pitch including all line markings.

Facility Provisions

1. Installation of perimeter ball stop fence
2. Floodlight installation
3. Installation of necessary walkways for access.
4. Landscaping of completed project site.

Programme of Works

The project duration was 14 weeks.

Summary of Costs

The total cost for completion of the project was £631,563.12.



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