

Wigan Leisure and Culture Trust

Gossips Playing Field, Bradshaw Street, Orrell, Lancashire

Design: TGMS Ltd

Project Brief:

Construction of a new natural grass sports pitch on an existing uneven, sloping and undrained playing field site of approximately 1.5 hectares.



Project Overview

The project required completion of a TGMS Ltd design that involved significant earthworks, including striping of existing topsoil, cut and fill works and laser grading operations. Once a level pitch formation had been established topsoil was replaced followed by extensive cultivation and final surface grading to achieve exacting standards for pitch quality.

Installation of an intensive drainage system, seeding, establishment and early maintenance ensured aspirations in respect of surface performance, quality and consistency where comprehensively achieved on time and within budget.

The main elements of the project included:

- Spraying-off existing vegetation.
- Removal of all existing topsoil, stockpiling on site for later reinstatement.
- Cut and fill earthworks involving the redistribution and reprofiling of some 3,000m³ of earth.
- Reinstatement and cultivation of existing topsoil.
- Lazer grading of reinstated topsoil to approved levels.
- Seedbed preparation, seeding and establishment of turf cover.
- Construction of intensive piped rootzone slit drainage system complete with collector, carrier and catchwater drains, inspection chambers and soakaways.
- Supply and application of 170 tonnes of approved sand top-dressing.
- Reinstatement of site traffic routes and ancillary areas on completion of the works.
- Maintenance of turf areas for one year.