



Irrigation Solutions.

The project required the use of a range of specialist irrigation equipment and machinery.

This included;

Ditch Witch 8020's

Hitachi mini excavator

Utility & support vehicles

IRRIGATION DESIGN

The project was designed and specified by Irrigation Control to meet the brief provided by the lead engineers.

The system comprises of a network of PE pipe and cable with water sourced from a local reservoir, a large variable speed pumping station providing over 100m³/hr of water is utilised to supply the blanket irrigation system installed to the 14 pitches.

Key product:

Rain Bird Site Control

Rain Bird 7005 Sprinkler

Rain Bird PGA Solenoid Valve

Rain Bird PRS Dial

Everton Football Club

Irrigation Control Ltd has recently completed the installation of one of the country's largest sports pitch irrigation systems to the newly constructed training facilities of Premiership club Everton F.C.

The site in Halewood comprises of 14 grass pitches alongside all weather and indoor areas, including a gymnasium, pool, medical and support facilities.

Irrigation Control was awarded the project to carry out the installation of the complex irrigation system in line with the pitch construction which was undertaken by one of the country's leading exponents J.Mallinson Ltd.

The system required the blanket coverage of the pitches to both ensure accurate and efficient water usage whilst providing flexibility in both pitch layout and use as the site provides training facilities for both the 1st team, reserves and youth squads. Rain Bird products were selected as they are both proven and reliable having been used throughout the UK and Europe at some of the leading sports venues.

The project utilised over 380 Rain Bird 7005 'Pop Up' sprinklers controlled in rows by Rain Bird PGA solenoid valves including pressure regulation (PRS Dials). A PC based control system was included to provide intuitive control over the site whilst allowing for mapping and radio remote control.

Additional support was provided in the form of sensor decoders to allow for the water usage to be recorded and stored on the PC and the variable speed pumping station was sized to both ensure the entire site could be irrigated within a 8 hour window whilst also allowing for a complete pitch to be irrigated in a single operation thereby providing flexibility to both the ground staff and coaches.

Our works at the training facilities continue our long standing relationship with Everton F.C having undertaken installations at the Goodison Stadium, Netherton Training Facilities and the former Bellfield Training Ground.



IRRIGATION control