

High value engineering for MK retail units

Who:
Stadium MK

Where:
Milton Keynes

What:
Stormwater attenuation system

Main contractors:

BUCKINGHAM
Group Contracting 



Project details

Background to specification

As contractor to Stadium MK, which includes a major development of the Dons' ground and the building of a surrounding Retail Park, the Buckingham Group selected Tubosider stormwater tanks for the initial phase. The new retail Park comprises 235,000 sq ft split into various units, plus over 600 exclusive car parking spaces. It will enable the completion of the upper bowl at Stadium MK, taking the capacity from 22,000 to 32,000 and bringing large-scale sports and musical events to the heart of Milton Keynes.

The Buckingham Group also constructed the original stadium and have a reputation for delivering cutting edge buildings, including London 2012's handball venue, the Brighton and Hove Albion AMEX Stadium (also featuring Tubosider stormwater attenuation and winner of Best New Project in the Worldwide Stadium Awards), and the Silverstone Wing.

Key criteria

Tubosider have extensive experience of working with the Buckingham Group and again managed to deliver the ultimate in value engineering. We designed a stormwater system which minimised its size at the same time as maximising its operational efficiency.

Because the first eight units in Retail Development A, like the rest of the finished site, are all hard surface, a stormwater discharge of 65 litres/second was specified. However, Tubosider met this comfortably by changing the choice of flow regulator to a slower discharge.

Solution & benefits

Buckingham's site agent Paul Marrant knows Tubosider's tank systems well, having recently installed one at Pineham Industrial Estate in Northants for Prologis BMW. "Tubosider helped us make substantial savings at Pineham and again their value engineering skills have made a notable difference to the ultimate design. What's more, we see all the same advantages to installation and maintenance - robust, light to handle, easy to access and involving no more than a short learning curve for new installers."

The whole scheme for the Stadium and the addition of the surrounding retail development has been four years in the preparation, and will bring a significant number of jobs to Milton Keynes and the wider South East Midlands area, boost the local economy and enable the completion of the iconic Stadium MK.

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