

Craighall Business Park

Who:
Craighall Developments

Where:
Glasgow

What:
Stormwater attenuation tank

Specifier:

Main contractor:




Project details

Background to specification

Just as its prime location is paramount to Glasgow's Craighall business park, project engineers URS Corporation were keen for Craighall to incorporate the best quality in each aspect of design and function.

The Business Park involved the construction of 17 steel framed office pavilions with floor plates of 1400-2500 m², all within 2 minutes of the M8's Junction 16, close to Glasgow's city centre and airport.

Based on past experience, URS specified a high efficiency steel stormwater attenuation tank suitably designed by Tubosider to be centrally positioned on the £25 million development.

As project engineer David McCallum said, such a compact tank offered the best solution for giving maximum storage at shallow depth over a short distance.

Key criteria

"The Tubosider system won our vote on a number of counts. First, its inherent properties as a loadbearing tank to BD standards, giving complete peace of mind on its strength and performance, and also its suitability for the location.

"Furthermore, Tubosider are not just manufacturers but bring added engineering expertise to the project through their own design service, which helps specifiers and contractors alike."

With over a dozen offices in all the UK's major cities and globally renowned consultants, URS worked closely with Craighall Developments (an arm of Luddon Construction) on all major aspects of the new business park, which included infrastructure, access, parking, security and landscaping.

Solution & benefits

The contract manager Douglas Currie of Luddon Construction, Scotland's leading independent contractors, was just as impressed with the installation of the Tubosider system as they were with the design:

"We know how time-consuming concrete pipes are to lay, finish and test, and at 750mm would have required long runs to provide the required capacity.

"This system by contrast was remarkably straightforward to install, in probably only two-thirds of the time. The main consideration for us was to ensure the backfilling requirement was carried out properly, it was otherwise that simple."

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