



Vanguard Trade Park - Shrewsbury

Who:
Morris Properties

Civil engineers:
Tier Consult, Chester

Where:
Vanguard Trade Park, Shrewsbury

What:
Twinstore system



Project details

Background to specification:

Active in Shropshire for 140 years, Morris Properties creates new-build, contemporary developments or converts, restores and refurbishes landmark buildings.

This trade park in Shrewsbury developed by the company is one of the latest additions to a considerable investment portfolio, from car showrooms and trade counters to retail and office parks.

In selecting the stormwater attenuation system for Vanguard Trade Park, civil engineers Tier Consult in Chester had only one choice in mind.

Not only is Tier well familiar with Tubosider's systems from several years' collaboration on different projects, but lead engineer on this latest project Mike Hughes was looking for the best value option to serve the client's needs.

Key criteria:

"Cost is such an issue in the current climate, the Twinstore system comes even more into its own", says Mike Hughes. "The client did want to see comparable prices for other pipe systems and crates. But Twinstore could not be beaten.

"What's more, its compact design allowed us to achieve the required capacity in a single run across the frontage of the development, even though some of the site's features demanded considerable flexibility in the design."

Being Highways Agency BD12 accredited, like all Tubosider systems, it also solved the one remaining issue at Vanguard Trade Park. With an access road serving the development, the attenuation chosen had to be suitably loadbearing for the limited depth of cover available.

Solution & benefits:

To allow space for the essential services supplying the site, a run of only 600mm diameter Tubosider steel pipe was used to link two of our 1400mm diameter tanks. The greater capacity downstream leg then discharges via a petrol/oil separator and 150mm outlet into Shrewsbury's main drainage network.

The patented Twinstore system further minimises the dig and tank area and of course the cost by balancing the water captured between unsealed tanks and the impermeably lined granular fill.

Tubosider United Kingdom Ltd
10 Sutton Fold Industrial Estate,
Off Lancots Lane,
Sutton.
St Helens. WA9 3GL

Supporting you from the ground up.

Call us: 01744 452 900
Email us: info@tubosider.co.uk
Visit us: www.tubosider.co.uk