Loughborough station on track with Polypipe

Polypipe demonstrated the many benefits of its wide range of rail solutions during the re-development of Loughborough Train Station.

Polystorm-R, Polystorm-Xtra and Polystorm Lite

Working closely with the main contractor, Ringway, Polypipe provided a holistic solution utilising its popular Polystorm modular cell system, Ridgidrain surface water drainage pipes and Ridgiduct cable protection products.

Polypipe supplied its Polystorm modular cells for four separate attenuation and soakaway structures to be utilised under the station car-park and non-trafficked landscaped areas. The structures were installed utilising Polystorm-R, Polystorm-Xtra and Polystorm Lite modular cells according to their loading requirements.

Polypipe were able to redesign one of the attenuation tanks to fit around the cabled area on-site as it became apparent that an existing cable could not be moved. Due to the flexible nature of Polypipe's Polystorm modular cells, the issue was quickly resolved without any delay in installation time.

The project, which forms part of a multi-million pound investment by Charnwood Borough Council to re-develop the area,

also called for a bespoke distribution inlet for one of the Polystorm structures. A 600mm diameter pipe could not connect directly into one of the Polystorm structures, as this would affect the hydraulics.

Polypipe designed and fabricated a bespoke one piece pipe fitting from a four metre length of 600mm pipe with 6 x 300mm and 1 x 225mm outlets.

Polypipe's Ridgiduct cable protection was used to provide robust protection for the site's street lighting cables, plus the CCTV, ticket machines and power cables.

The project posed some interesting challenges and highlights the flexibility and adaptability of Polypipe's full range of products.

CASE STUDY

Project
Redevelopment of Loughborough Train Station

Client
Network Rail

Application
Surface Water Drainage and Cable Protection

Products
Polystorm-R
Polystorm-Xtra
Polystorm Lite
Ridgidrain
Ridgiduct

Polypipe