

Project Profile :: Industrial

Howden SUDS Drainage, East Yorkshire

Client: Cavermill Estates

Scott White and Hookins' Role:

-  Civil Engineering
-  Flood Risk Assessments

Scott White and Hookins developed an innovative Sustainable Urban Drainage Scheme (SUDS) for a new industrial site at Howdenn, in preparation for a number of large industrial/factory buildings.

Environmental and planning requirements dictated that off site flows from the development were to be limited to green field run off rates.

The majority of the site was to be covered with industrial units or hard landscaping. The remainder of the site was required as tree planting.

Scott White and Hookins developed a drainage system using swales, ditched and the tree belt as floodable land. Off site flows were limited to 11 litres per second and attenuation was provided on site to accommodate 1:100 year rainfall events.

