

<b>SUDS DRAINAGE SYSTEM AT J4M8 DISTRIBUTION PARK</b>	
<b>Description:</b>	Bulk earthworks and drainage
<b>Form of Contract:</b>	ICE 6 <sup>th</sup> Edition
<b>Duration:</b>	16 weeks
<b>Contract Value:</b>	£380,000
<b>Client:</b>	Strawsons Property
<b>Clients Representative:</b>	WSP Development and Transportation

This project saw the construction of a drainage network to serve a major distribution park adjacent to the M8 motorway, about half way between Edinburgh and Glasgow.

The scheme design followed the principles of Sustainable Urban Drainage, which is a sequence of management practices and control structures designed to drain surface water in a more sustainable fashion than some conventional techniques.

The key features of the project were the excavation of more than 65,000m<sup>3</sup> of material to form open drainage swales and a retention pond. The excavated material was formed into mounds that were subsequently landscaped. The scope of work also included piped drainage and retention systems and specialist control chambers.

Great care was taken at the various locations where the work had to be carried out in the vicinity of gas pipelines and high voltage overhead cables. To encourage colonisation by wildlife, local aquatic and semi-aquatic plants were transplanted around the pond and supplemented with similar species.

