



# British Precast Drainage Association

Publications from the British Precast Drainage Association (BPDA):

BPDA was formed in 2017 from the integration of the Concrete Pipeline Systems Association (CPSA) and the Box Culvert Association (BCA).

Information published by both CPSA and BCA will be rebranded and replaced as BPDA in due course. New material will be branded BPDA.

All CPSA and BCA web traffic will be redirected to the new BPDA web site at [www.precastdrainage.co.uk](http://www.precastdrainage.co.uk)

## Large diameter Easi-Bases installed at Carlisle Lake District Airport Freight Distribution Centre

As part of the Stobart Group's strategy to bring passenger flights back to the Cumbrian site, a huge 315,000 square foot air/road distribution centre has been erected at Carlisle Lake District Airport.

Covering 19 acres, the new distribution facility for Eddie Stobart Logistics was the first stage of a £20 million phased development. The initial work included a new 500 metre access road and island off the A689 and 4 acres of parking.

The site was drained via a network of FP McCann's DN 150 – DN 750 concrete pipes into a 1.4 million gallon attenuation pond, linked to a purpose-built flow control manhole unit, which regulates the limited discharge into the River Eden, an SSSI. As part of the large drainage scheme, FP McCann also supplied DN1200, DN1500 and DN1800 Easi-Bases with complementary wide wall chamber rings, negating the requirement for a manhole gang.

In less than 3 weeks, DSB Civil Engineering, the Cumbrian-based subcontractor to Stobart Rail, installed 2 kilometres of pipe drainage, along with manhole units.

Commenting on the works, Steve Harker DSB's contracts manager said, "The Easi-Bases were quickly and simply installed by the single pipe laying team as though they were just another pipe, saving a great deal of time and resource. Depths ranged from 1.5 metres to 3.5 metres where we used the trench support system."

Stobart Aviation, a division of the Stobart Group, is currently upgrading the runway and airport facilities ahead of the commencement of daily passenger flights early next year.

