



CIVILS

Quality Plastic Solutions

Case Study – Carlisle Airport, Cumbria, England.

Project Outline

Further to the success of supplying a number of Catchpit Chambers to Carlisle Airport, Penrith Building Supplies contacted JFC Civils requesting if we could assist with the design of a prefabricated chamber to house two penstock for diverting stormwater flow when required.

This requirement was only realised late in the project and consequently needed to be procured, designed, and manufactured in the shortest time possible.



JFC Project Contribution

- JFC prefabricated chamber complete with 2 Flexseal penstocks and access ladder.
- 1.5m internal diameter CorriPipe™ with an overall depth of 1.15m (1.0m to outlet invert plus a 0.15m sump)
- 1 x 300mm inlet and 2 x 300mm outlets.

JFC Product Solutions:

Catchpits

JFC design a range of catchpits / silt traps to separate silt and other particles. This improves the quality of water before it is reintroduced back into the drainage system. As each individual SuDS system is different they are individually fabricated to take into account water flow rates and ground conditions that differ from site to site.

JFC catchpits have been widely and successfully used for applications including railway and highway drainage systems. Bespoke fabrications are made to order as per customer project requirements. They can be installed in depths up to 6 meters and with any number of inlet and outlet quantities, sizes or configurations.

JFC Civils worked closely with main contractor and Penrith Building Supplies to design and manufacture a tailored solution, taking advantage of the high-quality value engineering available with JFC's Stormwater Management systems and solutions.

Applications

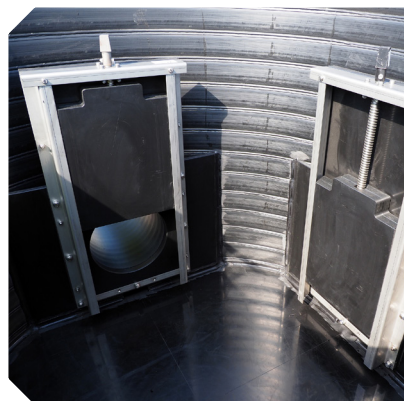
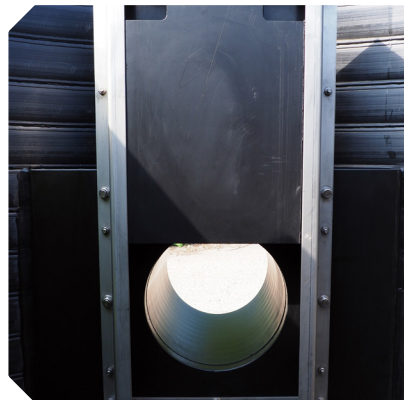
Surface and stormwater drainage

Features & Benefits:

- Fast Installation
- Pre-fabricated
- Bespoke as per customer specifications
- Designed to fit JFC CorriPipe™
- Catchpit covers available on request

JFC Service Solution

- JFC worked closely with the contractor adopting a planned and organised approach for the manufacture and delivery of all components resulting in a turnaround time of just 4 days from approval of the manufacturing drawing to completion of a tailor made solution.
- All of the above culminated in the development of a great working relationship with the site contractor for this project.
- The contractor was particularly impressed by the smooth running and professionalism of expertise and service delivered within the time constraints involved.



IRELAND
Tel. +353 93 24066
Email. info@jfccivils.com

UNITED KINGDOM
Tel. +44 1928 583391
Email. info@jfccivils.com