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Holes Bay WaStop Installation

Client: Avon Construction & Poole Council
Location: Poole, Dorset

The Holes Bay area of Poole lies in the North Western reaches of the Harbour. It is the 2nd Largest natural harbour in the World. However, there are ever increasing demands on the surface water drainage system. Therefore, further flood defences were required in order to protect the area from tidal flooding for years to come.

ACE supplied a number of WaStop valves in 2014. These covered a number of flood prone locations across the whole Harbour. Following the success of the previous project, ACE were asked to help with the design of further Flood Defences. Working with Avon Construction and Poole Council, ACE supplied 6 more WaStop valves. Ranging from 300mm diameter up to 1500mm. Two of which are the largest in the UK, to protect the area from tidal flooding.

As part of the scheme, ACE worked closely with the Council to come up with the design of 2 new flood defences at Sterte & Creekmoor. By bridging the gap between the walls of 2 drainage channels, the new headwalls not only created a shortcut for pedestrians and cyclists, but also a home for the new WaStop valves. These allow water to drain into the harbour, but previously causing flooding.

Unlike traditional flood defence structures, the WaStop has no mechanical moving parts, is easy to install and requires no hands-on maintenance.

Therefore, provides peace of mind to the council. Plus, the people of Poole know that they are protected from flooding for many years to come.





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