

SuDSPlanter case study

Project: Housing Association Extension

Location: Mountfield Road, Deeside

Client: Thomas Jones Ltd

Date: November 2020



Surface water, particularly in urban areas can often cause capacity issues within our often-overstressed sewers. Working with a local housing association SuDSPlanter Ltd supplied and installed two Medium size SuDSPlanters to the rear of a property with a recently constructed extension.

SuDSPlanter 1 was positioned on the wall of the extension within a limited space between the building and a nearby low level retaining wall and SuDSPlanter 2 was positioned against the rear wall of the existing property discharging into an existing gully. The existing drainage system suffers from capacity issues within the network therefore managing the surface water discharging from the roof helps create capacity for sewer discharges.

The new extension to the property would create an even higher volume of surface water flowing into the sewer. To reduce pressure on the system the Water Company requested that existing roof drainage and that of the extension be attenuated prior to entering the sewer system to help alleviate potential flooding issues downstream. This was also stipulated in the planning consent for the extension.

Both SuDSPlanters were delivered and installed to the complete satisfaction of both the housing association and resident's satisfaction.



P.1. SuDSPlanter 1 fitted into a tricky location between the extension and a retaining wall.



P.2. SuDSPlanter 2 situated against the rear wall and discharging into an existing gully.