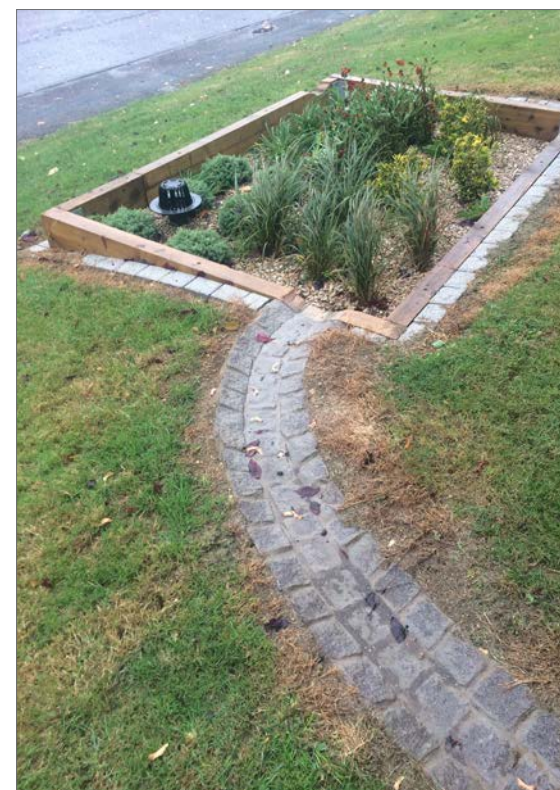




Priors Farm Estate is a typical housing development built in the 1960's with large front gardens and predominately grassed public open spaces and prone to flooding due to its location within the catchment area.

The estate was highlighted in the Cheltenham Surface Water Management Plan (SWMP) as an area where disconnecting runoff from the surface water sewers and directing this runoff into local green spaces and rain gardens would have direct flood alleviation benefits.

- Illman Young was commissioned by the EA to design and implement a SuDS retrofit scheme.
- Extensive community consultation was carried out to educate the local community about what SuDS are and the benefits they will bring to their community.
- Two main features were used - shallow, partly planted SuDS basins located within public open spaces to collect stormwater from the adjacent road. Road gullies were blocked up and channels constructed under the paving to direct surface water into the basin.
- Rain gardens built within individual properties to attenuate roof water from disconnected downpipes; each resident given choice of plant mix to extend sense of ownership.

Key Facts:

- Location : Cheltenham
- Scope : Work stages C-F
Community Consultation
- Client : Cheltenham Borough Council
Environment Agency
- Engineer : EPG
- Contractor : HFN Landscapes
- Landscape Value : £70K