

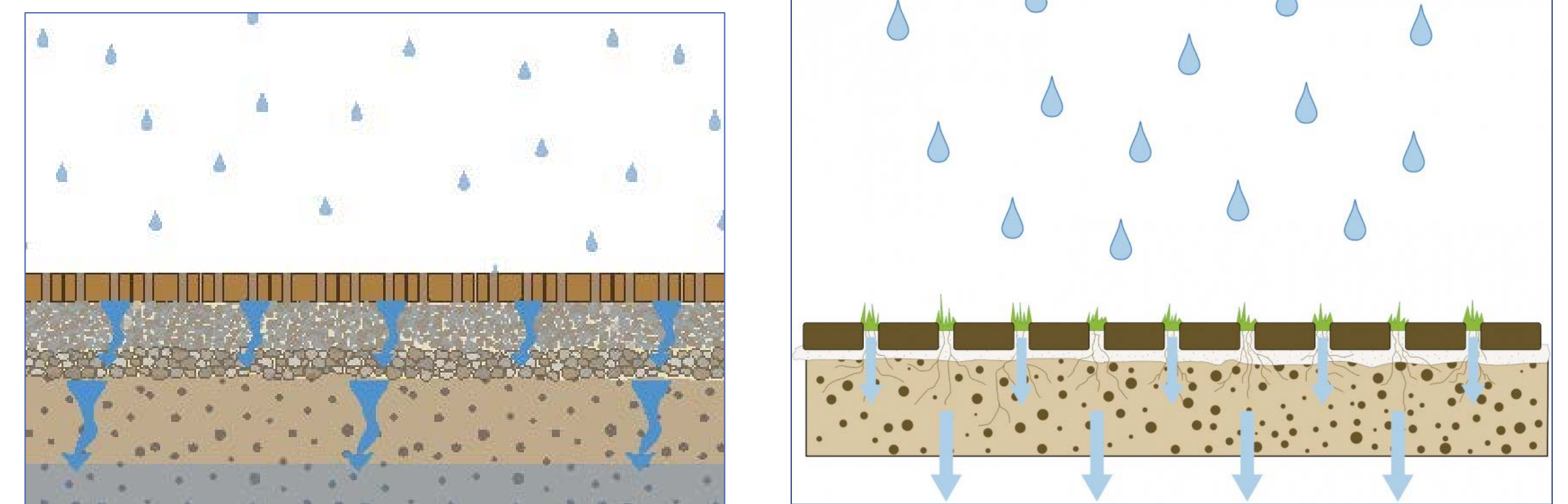
18 DRAINAGE

The site is identified by the Environment Agency as being located in Flood Zone 1 and has a low risk of flooding from all sources.

We are proposing the use of Sustainable Drainage Systems (SuDS) on site, including permeable paving, dry swales and two dry basins within public open space.



Example of Dry Basin



Examples of Permeable Paving



Example of Dry Swale

19 DRAINAGE (cont.)

All surface water runoff captured within the development will be attenuated on site, and discharged gradually through a flow control device into an existing surface water sewer owned by Anglian Water.



Example of a Low Flow Channel

As part of the planning process, we are required to carry out a Flood Risk Assessment to robustly demonstrate that there is no increase in flood risk to the surrounding area and, where necessary, provide mitigation.

Suffolk County Council are the Lead Local Flood Authority and will ensure that the scheme is designed to Industry Best Practice, before granting planning permission.

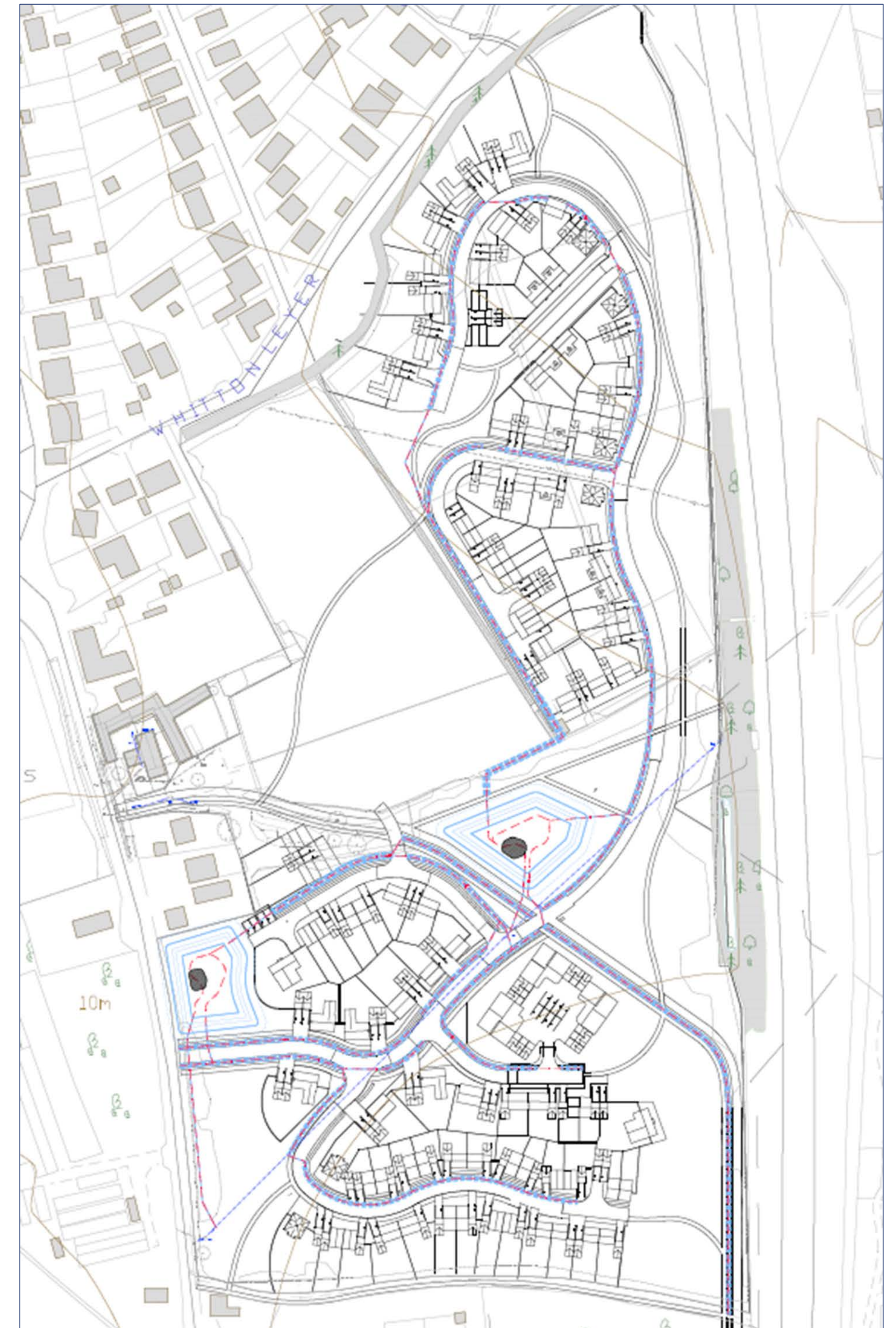


Figure 12: Strategic Surface Water Design