

Proposed Residential Development
27-29 Trenchard Drive, Moss Nook, Manchester M22 5LZ
Drainage Strategy Statement

The existing site consists of 2No. existing residential dwellings that are to be demolished and replaced with 5no. residential dwellings.

The proposed drainage is to be designed in accordance with Non-Statutory Technical Standards for Sustainable Drainage Systems (March 2015) or any subsequent replacement national standards should be submitted to ensure proper drainage and to manage the risk of flooding and pollution in accordance with Core Strategy Policy EN14, EN17, NPPF.

The development will therefore be designed in accordance with the drainage discharge hierarchy as follows:

1. Firstly, to infiltration/soakaway
2. Secondly, to a watercourse or highway ditch (with permission)
3. Thirdly, to a surface water sewer or highway drain (with permission)
4. Lastly, to a combined sewer (with permission).

Infiltration testing and positions/ surveys of existing culverts/ sewers will dictate the detailed design for this site (and may dictate the feasibility) but are not available at this time.

The drainage system will be designed to accommodate the 1:100 year return period with an additional allowance for climate change. If testing proves infiltration to be ineffective, the discharge is to be limited to 50% of the brownfield runoff.

SUDs features are to be considered during detailed design. It is unlikely major features such as ponds or swales will be feasible due to the site layout but other elements such as permeable paving may be feasible subject to infiltration testing.