

Bernard Taylor Partnership Ltd

Elizabeth House 486 Didsbury Road Heaton Mersey Stockport SK4 3BS
0161 443 1221 info@btparchitects.co.uk www.btparchitects.co.uk

Job number: 3375

Job Title: Glendene

WML response to Condition 14 – Drainage (dated 01.09.2022)

Please see below comments relating to condition 14 – Drainage.

The outstanding evidence required:

Consideration of alternative green SuDS solution (non-infiltrating permeable pavings on individual driveways) if practicable;

WML response: This has been answered previously. The drainage strategy (attached) reviews the suitability of permeable driveways and concludes that the limited space, storage volume (30% voids) and gradients are not conducive with a permeable paving solution.

Evidence that the drainage system has been designed (unless an area is designated to hold and/or convey water as part of the design) so that flooding does not occur during a 1 in 100 year rainfall event with allowance for 40% climate change in any part of a building; some discrepancies between proposed drainage layout and hydraulic model.

WML response: Please see enclosed the latest calculation document, revised to suit the updated S104 comments which demonstrates that no flooding occurs during the 1:100 year rainfall event inc. a 40% climate change allowance to the back of the attached drainage strategy for ease of reference.

Where surface water is connected to the public sewer, agreement in principle from United Utilities is required that there is adequate spare capacity in the existing system taking future development requirements into account. An email of acceptance of proposed flows and/or new connection will suffice.

WML response: Please see attached a copy of the latest correspondence returned to UU regarding the S104 application which should hopefully close out this point. WML have also contacted UU directly to follow up on a request for direct comments relating to the capacity of their system/acceptance of our flows.

Best regards

Dan Baker - TMICE

WML Consulting Ltd

Civil, Structural & Geotechnical Engineers

No. 8 Oak Green | Earl Road | Stanley Green Business Park | Cheadle Hulme | Cheshire | SK8 6QL

Tel: 0161 482 0600 | email: daniel.baker@wmlconsulting.com