BMC BELL MUNRO CONSULTING
Consulting Civil & Structural Engineers

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Our Ref: J8929230326

20th March 2026

Views
Adullam
London Road
Macclesfield
SK10 4DU

F.A.O. Mr Adam Pollitt

Dear Adam,

Former Burnage Cricket Club, Drainage Design

Bell Munro Consulting have carried out the drainage design in accordance with the flood risk assessment and conceptual drainage strategy carried out by the LK Group and the site investigation report and testing undertaken by E3P and Technics, respectively.

As outlined in the drainage strategy the scheme has been designed for up to 1 in 100 years plus a 45% allowance for climate change and the 'greenfield rate' has been calculated the greenfield QBAR rate as 5.22 l/s for the site. However, United Utilities (UU) have indicated a pass forward flow rate of 5 l/s for the development to the existing 600x900mm combined sewer. As a result the lower rate of 5 l/s has been utilised and achieved by via a Hydrobrake prior to the connection to the existing sewer – please refer to J8929 S104 – D01 for the adoptable drainage plan.

Various SuDS components have been implemented in line with the drainage strategy report, please refer to J8929 S104-D01 for the proposed drainage layout which shows the oversized pipes, cellular storage, and flow control system (Hydrobrake) as mentioned above. We have also shown the private highways and car parking spaces as drained permeable paving (please refer to J8929 D01-D05 for the private drainage plans).

The proposed scheme is subject to a S104 agreement which is currently ongoing. As a result of this the detailed designs are still being drawn up, and the following are yet to be issued:

- A comparative plan showing the existing and proposed impermeable areas (please refer to J8929 S104-D04 for just the proposed impermeable areas)

- Flood routing plan
- SuDS construction details and easement plans

Alongside these additional drawings we will be providing a hydraulic calculations package which will be inclusive of a blockage risk assessment and critical storm events for the 1 in 2, 1 in 30 and 1 in 100 + 45% climate change (demonstrating no surcharge for the 1 in 2, no flooding in the 1 in 30 and no flooding of buildings for the 1 in 100 + 45% Climate Change).

If you have any queries at this stage, please do not hesitate to contact.

Kind Regards

Yours Sincerely

[redacted]