

Technical Note

Project	Greville Street
Title	Planning Condition 8 – Additional Information
Ref.	248
Rev.	B
Date	12.08.21

Introduction

The purpose of this technical note is to provide additional information in response to the request from Senior Sustainability Officer, Katherine Frost dated 10 December 2020 as part of the discharge of condition 8 of application 2018/0910 –

“Comment: The 100mm substrate for the green roof is welcomed but this is not evidence of attenuation capacity.

Issue 1: The condition requires “drainage calculations for the entire site in addition to the extension”. These have not been provided. ACTION: Camden SuDS proforma to be completed.

Issue 2: The documents refer to a “blue /green roof to provide at least 3000l attenuation capacity” but no further details provided. There is no evidence showing that the proposals achieve at least the 30% minimum betterment ACTION: Full details required including:

- *Revision or addendum to the Surface Water Drainage Statement, updated with detailed SuDS design and where possible improved runoff reduction*
- *Drawings showing full details of SuDS extent and position (including invert levels and site exceedance flows)*
- *Supporting Microdrainage calculations*
- *Scheme-specific lifetime maintenance requirements and arrangements. (Note: Maintenance data received but arrangements for how this will be implemented including who will be responsible not included.).”*

This note will summarise the submitted documents.

Documents

The following documents submitted to provide additional information (request in green):

Issue 1: The condition requires “drainage calculations for the entire site in addition to the extension”. These have not been provided. ACTION: Camden SuDS proforma to be completed.

- 210115_J3304_Greville St_SUDS Proforma

Issue 2: The documents refer to a “blue /green roof to provide at least 3000l attenuation capacity” but no further details provided. There is no evidence showing that the proposals achieve at least the 30% minimum betterment ACTION: Full details required including:

- *Revision or addendum to the Surface Water Drainage Statement, updated with detailed SuDS design and where possible improved runoff reduction*
- J3304-C-CA-0001_04_S9 Surface and Foul Calculation Pack
- J3304-C-RP-0001_03_S9 Sustainable Drainage Strategy
- *Drawings showing full details of SuDS extent and position (including invert levels and site exceedance flows)*
- **Roof Plan**
 - o GS-GRW-XX-R-DR-A-1060_P02_SUDS Roof Plan
- **Green Roof Details**
 - o GS-GRW-XX-XX-DR-A-7000_C02_Roof Build Up Details - Sheet 01
 - o GS-GRW-XX-XX-DR-A-7014_C03_Roof Junction Details - Sheet 05
- **Build up Details**
 - o PDS_D40_ReservoirDrainage-Board-2
 - o PDS_G11_Filter-fleece-1
- **Substrate**
 - o PDS_GM20_Extensive-Substrate-2019
- **Species and Planting Density**
 - o PDS_SedumPlus-2019

Groupwork

- *Supporting Microdrainage calculations*
 - J3304-C-CA-0001_04_S9 Surface and Foul Calculation Pack
 - Greville Street - SUDS & Green roof
- *Scheme-specific lifetime maintenance requirements and arrangements. (Note: Maintenance data received but arrangements for how this will be implemented including who will be responsible not included.)."*
 - MG MedO SedumPlus Extensive Green Roof Maintenance_Rev 1
 - A full maintenance programme is to be maintained by the building owner in accordance with the submitted manufacturer's maintenance procedures.