

Groupwork

Technical Note

Project Greville Street

Title Planning Condition 10

Ref. 248

Rev. A

Date 30.07.21

Introduction

The purpose of this technical note is to outline information submitted as part of the discharge of condition 10 of application 2018/0910 –

“Full details in respect of the green roof in the area indicated on the approved roof plan shall be submitted to and approved by the local planning authority before the relevant part of the development commences. Details of the green roof provided shall include: species, planting density, substrate and a section at scale 1:20 showing that adequate depth is available in terms of the construction and long term viability of the green roof, as well as details of the maintenance programme for green roof. The buildings shall not be occupied until the approved details have been implemented and these works shall be permanently retained and maintained thereafter.

Reason: In order to ensure the development undertakes reasonable measures to take account of biodiversity and the water environment in accordance with policies A3, CC1, CC2 and CC3 of the London Borough of Camden Local Plan 2017.”

This note will summarise the submitted information.

Documents

The following documents are to be submitted as part of the discharge of condition 10:

Architectural Drawings

- Roof Plan
 - o GS-GRW-XX-R-DR-A-1060_P03_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

Manufacturer's Details

- Maintenance Plan
 - o MG MedO SedumPlus Extensive Green Roof Maintenance_Rev 1
- 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

Summary

In accordance with the approved roof plan, 90sqm of green roof is provided at roof level along with 110sqm of 40mm reservoir / drainage board. The build-up of all green roof area is as follows:

- Radmat MedO SedumPlus pre-grown blanket 25mm approx.
- Radmat MedO GM20 extensive growing media 100mm
- Radmat MedO G11 filtration fleece
- Radmat MedO D40 drainage and reservoir board 40mm
- Radmat ProTherm XEnergy MinK water flow reducing layer
- Radmat ProTherm G XEnergy Ultra XPS insulation
- Radmat protection sheet
- Radmat PermaQuik PQ6100 hot melt waterproofing system
- Structural deck

A full maintenance programme is to be maintained by the building owner in accordance with the submitted manufacturer's maintenance procedures.