

## Groupwork

### Technical Note

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Project        Greville Street

Title         Planning Condition 11

Ref.          248

Rev.         D

Date         16.06.22

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## Groupwork

### 1.0 Introduction

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1.1 The purpose of this technical note is to outline information submitted as part of the discharge of condition 11 of application 2018/0910 – *“Prior to occupation of development, detailed plans showing the location and extent of photovoltaic cells to be installed on the building shall have been submitted to and approved by the Local Planning Authority in writing. The measures shall include:*

- a) Panel / array size, orientation and tilt details – data sheets and commentary;*
- b) Layout and locations of panels, inverters and generation meters – plans and cross-sections, commentary;*
- c) Final no. of panels and annual energy generation – calculation summary sheet and revised BRUKL output sheets (Baseline, Be Lean and Be Green);*
- d) 3D overshadowing impact assessment should be undertaken as part of energy modelling; and*
- e) Lifetime maintenance plan – to include suitable safe access arrangements for occasional and regular inspection/maintenance tasks.*

*The cells shall be installed in full accordance with the details approved by the Local Planning Authority and permanently retained and maintained thereafter.*

*Reason: To ensure the development provides adequate on-site renewable energy facilities in accordance with the requirements of policy CC1 of the London Borough of Camden Local Plan 2017..”*

This note will summarise the submitted information.

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### 2.0 Documents

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2.1 The following documents are to be submitted as part of the discharge of condition 11:

a) **Panel / array size, orientation and tilt details – data sheets and commentary;**

- Greville\_Street\_E.00\_Solar Roof Details
- Greville\_Street\_E.01\_Solar Roof Plan
- Greville\_Street\_E.02\_String Plan Details
- Greville\_Street\_E.03\_Framing Layout
- Greville\_Street\_E.05\_Solar Panel Data Sheet

b) **Layout and locations of panels, inverters and generation meters – plans and cross-sections, commentary;**

- Greville\_Street\_E.00\_Solar Roof Details
- Greville\_Street\_E.01\_Solar Roof Plan
- Greville\_Street\_E.02\_String Plan Details
- Greville\_Street\_E.03\_Framing Layout
- Greville\_Street\_E.06\_Inverter Data Sheet
- HTS-XX-ZZ-SC-E-60-001\_S3\_AF\_LV Distribution Schematic (16-06-22)

c) **Final no. of panels and annual energy generation – calculation summary sheet and revised BRUKL output sheets (Baseline, Be Lean and Be Green);**

- Greville\_Street\_E.04\_Electrical Line Diagram and Calcs
- Greville\_Street\_PV System Overview
- Draft Greville Street Offices Brukl Rev 3 210420

d) **3D overshadowing impact assessment should be undertaken as part of energy modelling; and**

- Greville Street (3D\_Shading)\_V5

e) **Lifetime maintenance plan – to include suitable safe access arrangements for occasional and regular inspection/maintenance tasks.**

- Greville\_Street\_E.00\_Solar Roof Details
- Greville\_Street\_E.01\_Solar Roof Plan
- From the MEP contractor – *There is an access route available and a Mansafe in place – The Panels very rarely fail however It would be advisable to carry out routine checks on the roof*

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*especially if there has been high winds to check for damage. There is also an annual maintenance agreement that can be taken out.*