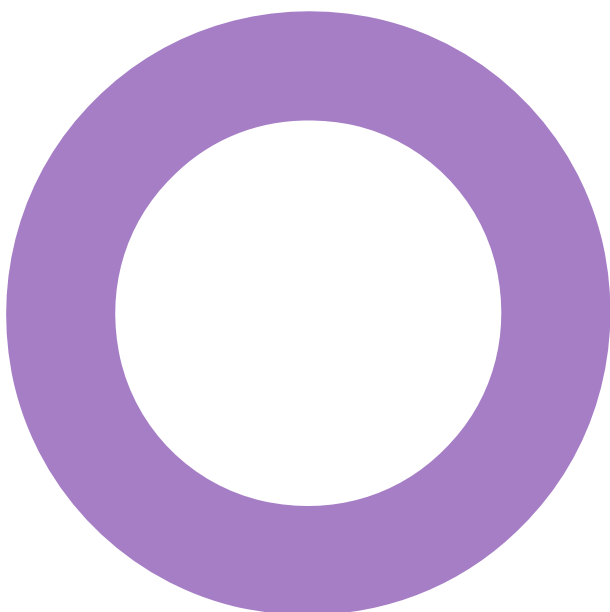


Cambridge North. Cambridge. Brookgate.

SUSTAINABILITY

ADDENDUM TO SUSTAINABILITY STRATEGY

REVISION 01 - 23 AUGUST 2022



Audit sheet.

Rev.	Date	Description of change / purpose of issue	Prepared	Reviewed	Authorised
01	23/08/2022	Initial issue	S. Kamal	J. Quirin	J. Nuttall

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Project number: 23/23544

Document reference: REP-2323544-5A-SK-20220823-Sustainability Addendum-Rev01.docx

Executive Summary.

This note has been produced as an addendum to the sustainability strategies written in support of the planning application for the development of Cambridge North, Cambridge, hereafter referred to as the 'Proposed Development'. This should be read in conjunction with the reports listed below or further detail:

- REP-2323544-5A-DP-20220111-Cambridge North Sustainability Strategy
- REP-2323544-05-WN-20220420-Energy statement
- 05425-R-03-B Low Emission Strategy
- 220920 DESIGN NOTE – Cambridge Addendum

1. Physical capital – “Addressing climate change”.

In-use energy targets: There is a commitment to achieve an energy consumption of 60kWh/m².yr, with an aspiration to reduce this to 55kWh/m².yr as part of the base build. Further energy consumption commitments can be secured by condition as you suggested.

Sustainable transport: Electric vehicle charging points will be provided for each parking space within the commercial and residential areas, as well as each space on the basement level of the multistorey carpark.

2. Economic capital – “A new economic hub”.

Post occupancy evaluation: The BREEAM Pre-assessment has been updated to align with this commitment and credit Man05 Aftercare (Post Occupancy Evaluation) has been targeted. See appendices for copies of the updated BREEAM pre-assessments.

Circular economy: As per your suggestion, circular economy principles will be addressed via a circular economy strategy, to be developed and implemented at the appropriate time during the planning process.

3. Human capital – “Healthy people”.

Wellness: In order to ensure that wellness stays a key part of the Proposed Development, formal WELL assessments will be undertaken for all office buildings, with a commitment for a minimum target of WELL Gold enabled being pursued.

User comfort: The residential elements of the Proposed Development will be designed so that spaces will aim to provide comfortable thermal conditions, adaptable to future climate scenarios. To ensure this is achieved and the development responds to future heatwaves, detailed dynamic thermal modelling (TM59) will use the high emissions scenario when carrying out the future climate scenarios modelling.

4. Natural capital – “Enhanced natural environment”.

Water resources: Water resources will be managed via a number of measures, including proposed rainwater harvesting and recycling measures. These may include ensuring the total irrigation demand is met by non-potable water, installing rainwater harvesting infrastructure, and collecting and utilising grey water. These measures are subject to a review of the water balance studies.



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