



SUSTAINABILITY STANDARDS CHECKLIST

**(IN ACCORDANCE WITH WEST
OXFORDSHIRE SUSTAINABILITY
STANDARDS, 3rd FEBRUARY 2023)**

Project: 36 New Street

Client: D Holdsworth

Sustainability Standard	Compliance with Standard	Comment
A Net zero carbon		
1. Has the building fabric been designed to standards of ultralow energy demand?	To achieve ultra-low energy demand through design, these energy use intensity (EUI) targets should be met: <ul style="list-style-type: none"> • Residential <35 kwh/m2.yr • Office <55 kwh/m2.yr • Research labs <55-240 kwh/m2.yr • Retail <80 kwh/m2.yr • Community space (e.g. health care) <100 kwh/m2.yr • Sports and Leisure <80 kwh/m2.yr • School <65 kwh/m2.yr Predictive energy modelling should be used, for example Passive House Planning Package, CIBSE TM54 or equivalent and carried out with the intention of meeting target EUIs. Include the EUI target and explain what design measures have been included, for example form factor (efficiency of shape), glazing ratio, fabric performance, ventilation type and heating/cooling equipment performance.	yes
2. Has thermal comfort and the risk of overheating been assessed and passive design measures been prioritised?	Explain how thermal comfort and the risk of overheating has been assessed, and how passive design measures to mitigate for overheating risk have been prioritised over energy intensive alternatives, and in compliance with CIBSE TM52 for non-domestic buildings and CIBSE TM59 for domestic buildings.	yes
3. Is the development fossil fuel free?	No gas boilers. Explain what alternative heating systems will be installed, for example heat pumps or fully electrified system.	n/a
4. Does the development achieve a net zero operational carbon balance and deliver 100% of energy consumption using renewables?	The development should achieve a zero-operational carbon balance and deliver 100% of energy using renewables. Include total kWh/yr of energy consumption of the buildings, accounting for both regulated and	no

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	unregulated energy, on the site, and the total kWh/yr of energy generation by renewables to show that the zero carbon operational balance is met.	
5. Have embodied carbon emissions been minimised?	Explain how the development will minimise embodied carbon emissions. Cross reference lifecycle modelling, carried out to assess embodied carbon.	yes
B. Travel		
1. Is home working supported?	Explain what provisions have been made to support home working, for example home study, dedicated work space, shared community work space.	yes
2. Has active travel been prioritised?	Explain how walking, cycling and public transport use will be prioritised over road users on the site and connections strengthened with the surrounding area. Multimodal interchanges should be considered. Include details of routes and facilities, for example cycle parking, SMART bus stops.	n/a
3. Is shared mobility facilitated?	Explain how shared mobility will be facilitated, for example through investment in EV car clubs.	N/a
4. Has electric vehicle charging infrastructure been provided?	Provide details of infrastructure for the charging of electric vehicles, including scooters and bikes.	No
C. Water		
1. Will water consumption be minimised?	Include water efficiency calculations. For multiple building types, provide a cross section that is representative of the development.	yes
2. Will water be conserved through rainwater harvesting or grey water recycling?	Explain what water conservation measures will be included, for example water butts or more advanced systems.	yes
3. Has the flood risk assessment accounted for climate change and sustainable drainage proposed?	Confirm that the flood risk assessment has accounted for climate change and explain the sustainable drainage measures Cross reference the Flood Risk Assessment (FRA)	n/a

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	and ecological reports, where applicable.	
D. Waste		
1. Is the construction company registered with the Considerate Construction Scheme?	Confirm in the Sustainability Statement that the construction company used will be registered with the Considerate Construction Scheme.	
2. Will a Site Waste Management Plan be followed and targets set for construction waste recycling and disposal?	Confirm that a Site Waste Management Plan (SWMP) will be followed and targets set for construction waste recycling and disposal.	yes
3. Will there be safe and convenient access for waste recycling?	Explain how safe and convenient access for waste recycling will be provided. Cross reference layout plans.	yes
E. Biodiversity		
1. Has a Biodiversity Self-assessment Form been submitted?	Summarise the information in the Biodiversity Self-assessment Form. Identify if and where biodiversity gains will be made.	yes
2. Has an Ecological Impact Assessment (EclA) report and checklist been submitted?	Summarise conclusions of the EclA and crossreference relevant documents and drawings. Submit the EclA report and a completed copy of the EclA Checklist that have been prepared in accordance with the CIEEM Guidelines and EclA Checklist. A data search must be obtained from the Thames Valley Environmental Records Centre (TVERC) in accordance with CIEEM Guidelines for Accessing and Using Biodiversity Data. The EclA report forms part of the Environmental Statement for an EIA development. For householder applications, submit the Wildlife Assessment Check results along with some photographs of the area that would be affected by the proposal, e.g. buildings, roof structure, eaves or garden.	no
3. Will a European site be affected?	Summarise information to inform a Habitats Regulations	no

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	Assessment, where identified in ecological assessments.	
4. Has a Biodiversity Net Gain (BNG) Design Stage Report been submitted?	Summarise the BNG outcomes and cross-reference relevant documents and drawings. Submit all required documentation and data in accordance with the council's BNG guidance and data standards, including a live copy of the metric spreadsheet. Submit a BNG Design Stage Report in accordance with the CIEEM BNG Report and Audit Templates or include as a chapter in the EclA. Ensure that the qualitative aspects of the BNG design are clear and robust and confirm that the best outcomes for biodiversity are achievable, in accordance with the BNG Good Practice Principles. The qualitative aspects should include consideration of the Nature Recovery Network and ecological functionality. Where a measured BNG is not required, a biodiversity enhancement scheme should be submitted. The scheme must incorporate two or more enhancement features, listed on our web pages. Details of the proposed enhancement measures should be provided.	no
5. Will the wider environmental benefits from nature be maximised?	Explain how biodiversity proposals are integrated with other aspects of sustainable design, for example surface water management and walking and cycling routes, to ensure co-benefits are maximised. The 'Environmental Benefits for Nature' (EBN) tool can be used to design BNG enhancements that achieve wider environmental benefits for people and nature. It is designed to work alongside the Biodiversity Metric 3.1.	yes
F. Voluntary Standards		

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1. Will non-domestic development be BREEAM certified?	Provide details of the BREEAM rating. Cross reference BREEAM pre-assessment, where applicable.	
2. Will the development receive a sustainability accreditation and/or follow recognised sustainability principles?	Provide details of the sustainability accreditation and/or recognised sustainability principles, for example One Planet Living or Building with Nature.	
G. Only for development affecting heritage assets or traditional buildings		
1. Have the heritage value of the building(s) and impact on any heritage asset been appropriately assessed?	Summarise how the heritage value of the building(s) has been assessed and heritage assets are affected. Cross reference the Heritage Statement.	yes
2. Is a 'Whole Building Approach' being taken?	Provide details of the whole building approach.	
3. Have you considered whether your proposal adheres to Responsible Retrofit measures?	Explain how the development will adhere to Responsible Retrofit measures.	