

Energy and carbon reduction

En.1 Does the Sustainable construction, Energy and Water Statement detail how the proposed development's carbon emissions have been minimised and to what extent?

Have full and reserved matters planning applications also included a carbon reduction template within the statement? (See SPD Section 3.3 and appendix B)

ALL BUILDING REGULATION STIPULATIONS
HAVE BEEN IMPLEMENTED

En.2 How have the site layout and building orientation and form been designed to minimise energy use? E.g. passive solar gain, natural shade, natural ventilation, thermal mass) (See SPD section 3.2.3)

THE SITE LAYOUT WAS GOVERNED
BY THE ORIGINAL WORKSHOP FOOTPRINT.

Site name and reference

HON GREEN FARM BALSODON ROAD
BUNTINGFORD SG9 9RH

Details of person responsible for completing checklist

Name

DAVID SILVERMAN

Organisation

Relationship to the proposal (e.g. applicant, agent, consultant)

AGENT.

With the following questions, please give a summary of the approach you are taking to address the criteria stated in the boxes provided.

THE BUILDING IS CONSTRUCTED
TO BUILDING REGULATION STANDARDS.

En.5 How has the energy embodied in construction materials been reduced? (e.g. reuse and recycling/ sustainable materials/ locally sourced) (See SPD section 3.2.6)

ALL MATERIALS TO BUILDING REGULATION
STANDARD. hardcore + concrete (PART)
RECYCLED MATERIALS. OTHER MATERIALS PURCHASED
FROM LOCAL SUPPLIERS.

En.3 How has the energy hierarchy been applied to prioritise reducing the need for energy and implementing the 'fabric first approach'? (See SPD sections 3.2.2 and 3.2.3)

THE CLIENT IS INTENDING TO FIT
SOLAR PANELS.

Climate Change Adaptation

CA.1 How has the site layout and buildings been designed to mitigate overheating, giving priority to measures in line with the cooling hierarchy? (See SPD section 4.2.2)

INSULATION AS PREVIOUSLY STATED EN 2.

En.4 How will you ensure that where renewable/ low carbon technologies have been included to reduce carbon, that these will be successfully integrated into the design of the development? (See SPD sections 3.2.4 and 3.2.5)

ALREADY INCLUDED AS BUILT

CA.4 How have existing landscape features such as trees/woodlands and hedgerows been protected and incorporated within a Green Infrastructure network? (See SPD section 4.2.3)

NO LANDSCAPING REMOVED EXTRA
LANDSCAPING TO BE INSTALLED
AT LATER DATE.

CA.2 How has overheating been assessed and what measures are proposed to address it? (See SPD section 4.2.2)

DOMESTIC PROPERTY WITH NATURAL VENTILATION
(NO AIR CONDITIONING UNITS INSTALLED
NOR IS INTENDED TO DO SO)

CA.5 Where feasible and appropriate, have green roofs or walls been included. Please explain your answer? (See SPD section 4.2.3)

PITCHED ROOFS NO GREEN ROOF
SPACE AVAILABLE.

CA.3 What Green Infrastructure is proposed? (See SPD section 4.2.3)

NO CHANGE

Water efficiency

WA.1 For new residential proposals, have you demonstrated compliance with the target for mains water consumption to be 110 litres or less per head per day in the Sustainable construction, Energy and Water Statement? (See SPD section 5.2.2)

LOW VOLUME BATHROOM APPLIANCES
WC'S WITH LOW FLUSH VOLUME

WA.2 For non-residential development have measures been taken to reduce water consumption in the proposed development? (See SPD section 5.2.3)

NOT APPLICABLE

CA.6 Have measures been included to address surface water runoff? (See SPD section 4.2.4)

SOAKAWAYS - MIN 5.000 FROM PROPERTY
1.500 x 1.500 x 1.500 HALF METRE BELOW SURFACE

CA.7 If the application is major development, have details of SUDs been submitted? (See SPD section 4.2.4)

NOT APPLICABLE

AQ.2 How does the proposal show consideration of air quality in the design of new development?
Design should address the following principles:
• Building and development layout and design
• Emissions from transport
• Sustainable energy
(See SPD section 6.1.2.4)

NOT APPLICABLE
1 DOMESTIC UNIT.

AQ.3 How has emissions mitigation been incorporated into the proposal? (See SPD section 6.1.2.5)

HIGH EFFICIENCY VALIANT BOILER
& THERMOSTATIC VALVES TO
ALL RADIATORS.

WA.3 Has consideration been given to the using water recycling systems? (See SPD section 5.2.4)

BARRELS

Pollution-Air Quality

AQ.1 How has the proposal addressed the recommended minimum air quality standards?
These apply to all new development as set out in paragraphs 6.1.2.2 of the SPD.

DOMESTIC UNIT IN 2 ACRES.

AQ.6 Has an Air Quality Impact Assessment been submitted? This must be submitted if the proposal meets any of the criteria listed in paragraphs 6.1.3 of the SPD.

NOT APPLICABLE
DOMESTIC

AQ.4 How will emissions be minimised through the construction and demolition phase of the development? Measures should follow the national guidance set out in section 6.1.2.7 of this SPD.

CONSTRUCTION COMPLETED

AQ.7 Has an Air Quality Neutral Assessment been submitted? This must be submitted if the proposal meets the criteria listed in paragraphs 6.1.3 of this SPD.

NOT APPLICABLE
NON URBAN SITE

AQ.5 Has an Emissions Assessment been carried out as part of the Air Quality Neutral Requirement? The assessment should utilise the Damage Cost Approach.

No.

LP.3 Does the proposal minimise potential glare and spillage? Please detail the design measures adopted to ensure this. (See SPD section 6.2.2)

No APPLICABLE

Biodiversity

Bio.1 Have you submitted East Herts biodiversity checklist? (See SPD section 7.3)

YES.

Pollution: Light Pollution

LP.1 Does the proposal materially alter light levels outside the development and/or have the potential to adversely affect the neighbouring uses or amenity of residents and road users or impact on local ecology? (See SPD section 6.2.2)

No.

LP.2 Is the proposed light design the minimum required for security and operational purposes? (See SPD section 6.2.2)

YES.

Bio.4 If relevant, has an ecological survey, with sufficient information been undertaken to assess the likely ecological impact of the development?

NOT RELEVANT

Bio.5 Has the mitigation hierarchy been applied undertaken, to demonstrate an adverse impact on biodiversity has been avoided? If this is not possible, has the impact been mitigated and then subsequently compensated? (See SPD section 7.2. and 7.3)

NOT APPLICABLE
BUILDING ON EXISTING FOOTPRINT

Bio.2 In accordance with the Biodiversity checklist, does the proposal affect a protected species or habitat? (See SPD section 7.2.4 and 7.3)

No.

Bio.3 If a protected species or habitat has been identified, has an ecological survey, with sufficient information been undertaken? (See SPD section 7.2.4 and 7.3)

NONE OBSERVED TO DATE

Sustainable Transport

T.1 Have you demonstrated that the development includes measures that reduce the overall need to travel, and particularly by private car? (See SPD section 8.2.2)

NOT APPLICABLE.

T.2 Have you demonstrated how, as first principles of design; the scheme's proposals prioritise walking and cycling within the development and link with existing networks beyond the development to deliver healthy and walkable neighbourhoods? (See SPD section 8.2.3)

SINGLE DOMESTIC BUILDING

Bio.6 Has a net gain been achieved using a locally approved biodiversity metric? (See SPD section 7.2.5)

NOT APPLICABLE

Bio.7 Has a suitable biodiversity management and monitoring strategy for the site been proposed?

No.

Waste Management

W.1 Have measures been proposed to reduce, re-use and recycle construction and demolition waste? (See SPD Sections 9.2.2 and 9.2.3)

EXISTING TWO BIN (MULTIPLE REQUIREMENT)
TO REMAIN UNCHANGED

W.2 How has the internal and external design of the development factored in effective sustainable waste management measures? Has sufficient detail been submitted with the application? (See SPD Section 9.2.4)

YES.

T.3 Where cycling facilities and any bus stops and/or transport hubs are to be provided, have you demonstrated that they accessible and attractive for all users and offer appropriate shelter? (See SPD section 8.2.3)

REMOTE SITE
NOT APPLICABLE

T.4 Have you included measures (traditional and/or innovative) to encourage uptake of more sustainable modes of transport and engender modal shift from the outset of development? (See SPD section 8.2.2 and 8.2.3)

NOT APPLICABLE

W.3 Have all the relevant criteria identified in table 13 of the SPD been addressed?
(See SPD Section 9.2.4)

NOT APPLICABLE

Data Protection Clause

In accordance with the Data Protection Act 2018 the information you supply the Council will be used to process the planning application or any subsequent appeal and retained as per our published corporate data protection privacy policy which may be found here. Your details and comments will be shown on the website and this information may be shared with other Council departments and/or outside partners.

I agree (Please tick this box to confirm your agreement).

If you are happy with the information contained in this checklist, please save the PDF and submit with your planning application.

T.5 Have you developed and submitted to Herts County Council an appropriate Travel Plan, Transport Assessment and/or Statement (as appropriate)? (See SPD section 8.2.4)

NO CHANGE AS PER EXISTING

T.6 Where car parking is to be provided, have you provided justification for the number of spaces proposed and made provision for electric vehicle charging in accordance with the Vehicle Parking Provision at New Developments SPD?

NO CHANGE
FROM ORIGINAL.