

CLIMATE CHANGE STATEMENT

location	17 Town Gate, Upperthong, Holmfirth, HD9 3UX
application	Alterations and Extensions to Dwelling/Barn (as previously approved) and formation of two Dwellings, Within a Conservation Area.
client/applicant	Mr B J Donlon
job number	23/975
date	March 2025

ARCHITECTURE | PLANNING | DESIGN

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Part 1: Applicant details

Name of applicant/agent	Agent – Paul Matthews Architectural/ Rushby Town Planning Applicant – Mr B J Donlon
Site Address	17 Town Gate Upperthong, Holmfirth, HD9 3UX
Description of Development	Alterations and Extensions to Dwelling/Barn (as previously approved) and formation of two Dwellings, Within a Conservation Area.

Part 2: Climate Change Mitigation measures

Please respond to the following questions considering the measures set out in the Climate Change Guidance note:
Q1: What measures have been/will be taken to reduce the energy demand associated with your proposed development beyond the minimum required in Building Regulations? (See section 2)
The works are subject to a Building Regulations application where compliance will be simply be required. The proposals will result in an overall enhanced thermal efficiency to both the existing dwelling and new dwelling being created by a material change of use.
Q2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reusing existing on-site materials or sourcing materials locally? (See section 3)
Contractors and materials will be sourced locally, where possible. Natural stone, resulting from removal, will be set aside for reuse within the development (walling/dry stone walling).

Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Materials to be used within the new build (Natural Stone, Blockwork, Glass, Slate and Timber) are wholly recyclable.

Two EVCP are proposed as part of the proposals.

Surface water to the rear will be harvested for reuse within the garden areas.

Q4: What measures have been/will be taken to ensure the building design and layout has been optimised to energy efficiency beyond the minimum requirements in Part L of the Building Regulations ? (See section 5)

The proposals need to comply with Part L at Building Regulations stage. This will be required to achieve approval.

The proposals will present a more energy efficient dwelling for the future as a result of the design encapsulating parts of the existing property with a significantly higher thermal efficiency.

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)

Flood risk does not apply to this application

Q6: What measures have been/will be taken to reduce water stress associated with your proposed development? (e.g. Water retention and minimisation measures) (See sections 7 and 8)

Surface water to the rear roof slopes will be harvested on site for reuse (garden use) reducing the reliance of fresh water.

All appliances will have restricted flows to reduce the water consumption of the proposed dwelling in relation to, and achieving compliance with, the Building Regulations.

Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

Bat and bird (swift) nesting boxes have been incorporated into the proposals as indicated on the proposed elevations. This provides a worthwhile biodiversity enhancement as part of the works.

NB This application is exempt from BNG (Biodiversity Net Gain) as it is a small-scale self and custom build development exempt from the BNG requirement. This exemption applies to development that:

- Consists of no more than 9 dwellings;
- Is carried out on a site which has an area no larger than 0.5 hectares; and
- consists exclusively of dwellings which are self-build or custom housebuilding as defined in section 1(A1) of the Self-build and Custom Housebuilding Act 2015.
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This definition covers development where local planning authorities are satisfied that individuals have had the primary input into the final design and layout of a house to be occupied as homes for themselves. If the LPA wish to discuss this with the agent or applicant we would be more than willing.

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

Both proposed properties are provided with Electrical Vehicle Charging Points to the proposed parking areas, as shown on the proposed floor plans, this will promote the use of an electric vehicle as opposed to current traditional petrol/gas vehicles.

Appendix B – Further information

Kirklees Local Plan

The development plan for the Kirklees Council area (www.kirklees.gov.uk/localplan)

Planning applications guidance and advice notes

<https://www.kirklees.gov.uk/beta/planning-applications/guidance-and-advice-notes.aspx>

Air Quality and Pollution:

Kirklees Council's website has information on sources of pollution and our Air Quality Management Areas.

<https://www.kirklees.gov.uk/beta/crime-and-safety/air-pollution.aspx>

Building Design and Layout:

The Construction Industry Research Information (CIRIA) publishes guidance on various construction issues, including building and construction technology and sustainability and the built environment.

www.ciria.org.uk

Information on environmentally friendly construction products can be found from the Royal Institute of British Architects product selector website.

www.ribaproductselector.com

Passivhaus Trust provides guidance for designing for increasing summer temperatures and constructing buildings to a high energy efficient standard using a quality assurance approach.

<https://www.passivhaustrust.org.uk/guidance.php>

Construction Materials and Techniques:

Information on environmentally friendly construction products can be found from the Royal Institute of British Architects product selector website.

www.ribaproductselector.com

The UK Green Building Council provides information on sustainable building techniques.

<https://www.ukgbc.org/>

The Building Research Establishment (BRE) Environmental profiles website provide information about sustainable design, energy conservation measures and building materials and components.

www.bre.co.uk

The Construction Industry Research Information (CIRIA) publishes guidance on various construction issues, including building and construction technology and sustainability and the built environment.

www.ciria.org.uk

Production information on certified timber and timber products is available from the Forest Stewardship Council.

<https://www.fsc-uk.org/en-uk>

Historic England provides advice on energy efficiency and renewable energy in Historic buildings.

<https://historicengland.org.uk/advice/your-home/saving-energy/>

Passivhaus Trust provides information on Passivhaus buildings and standards.

<https://www.passivhaustrust.org.uk/>

Carbon Emissions:

The Carbon Trust promotes low carbon technology and gives information on how to work out carbon emissions associated with energy use.

www.thecarbontrust.co.uk

The Energy Saving Trust provide advice on renewable energy, energy efficiency and conservation.

www.est.org.uk

Information on combined heat and power and community heating is available from the Combined Heat and Power Association.

www.chpa.co.uk

The National Energy Foundation gives information on energy conservation, energy efficiency and renewable energy technologies.

www.nef.org.uk

Waste Minimisation:

Kirklees Council Waste Management Design Guide for New Developments (www.kirklees.gov.uk/beta/planning-applications/pdf/waste-management-design-guide-new-developments.pdf)

The Building Research Establishment (BRE) has produced a practical guide for small builders to help them reduce waste and operate more sustainably.

<https://www.bresmartsite.com/sustainable-construction-methods/>

The Construction Industry Research Information (CIRIA) publishes guidance on various construction issues, including aggregate recycling.

www.ciria.org.uk

Flooding and Drainage:

Government guidance on flood resilient construction of new building.

<https://www.gov.uk/government/publications/flood-resilient-construction-of-new-buildings>

Calder Valley Strategic Flood Risk Assessment (SFRA):

https://www.calderdale.gov.uk/v2/sites/default/files/strategic-flood-risk-assessment_0.pdf