CLIMATE CHANGE STATEMENT

location	Residential Development
application	land Off Reinwood Road, Huddersfield, HD3 4DS.
client/applicant	Mr Satnam Singh
job number	26/1317
date	March 2026

PAUL MATTHEWS ARCHITECTURAL Ltd

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Part 1: Applicant details

Name of applicant/agent	Andy Rushby - agent Mr Satnam Singh - applicant
Site Address	land Off Reinwood Road, Huddersfield, HD3 4DS.
Description of Development	Residential Development

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)
Whilst only in outline planning format it is proposed that this residential development will go above and beyond the baseline/minimum requirements of the building regulations in relation to the conservation of fuel and power along with the carbon footprints of the proposed dwellings. Numerous low carbon and ecological enhancements have been integrated into the proposals such as, but not limited to, low energy lighting, low water demand sanitaryware, smart energy metering, high quality and good levels of thermal insulation to the thermal envelope of the dwelling, solar arrays to roof slopes, air source heat pumps to all dwellings and electrical vehicle charging points. All of these positively contribute to a low carbon dwelling.
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)
All materials associated with the development (soil, subsoil, stone, concrete , timber, etc) are all fully recyclable.

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

Electrical Vehicle Charging Points are proposed to all dwellings.

Air source heat pumps are proposed to provide heat for the proposed well-insulated dwellings.

Solar arrays are proposed to all of the dwellings.

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)

As noted within Q1 – The proposals goes above and beyond the minimum requirements of the Building Regulations in relation to the DTER (Dwelling Target Emission Rate). The integration of renewables will result in low carbon properties with a very good thermal efficiency and resulting Energy Performance Certificates).

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

Flooding does not apply to this proposal. The site does not fall within a flood zone.

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)

Soft landscaping to be utilised to prevent excessive surface water run off.

All appliances will have restricted flows to reduce the water consumption of the proposed dwellings 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)

Please refer the accompanying ecological enhancement strategy forming part of this application. Please note, we are open to discuss other ecological issues with the Local Authority ecologist.

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Electrical Vehicle Charging Points are being provided to all of the proposed dwellings, this assists and promotes 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