CLIMATE CHANGE STATEMENT

location	3, Beechfield Avenue, Skelmanthorpe, Huddersfield, HD8 9BZ.
application	Removal of Existing Conservatory and Erection of Replacement Extension and Alteration to Dwelling.
client/applicant	Mr & Mrs M Shaw
job number	24/965
date	January 2024

PAUL MATTHEWS ARCHITECTURAL Ltd

ARCHITECTURE | PLANNING | DESIGN

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Part 1: Applicant details

Name of applicant/agent	Agent – Paul Matthews Architectural Applicant – Mr & Mrs M Shaw
Site Address	3, Beechfield Avenue, Skelmanthorpe, Huddersfield, HD8 9BZ.
Description of Development	Removal of Existing Conservatory and Erection of Replacement Extension and Alteration to Dwelling.

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 required. The proposals will provide a more thermally efficient property with no requirement to go above/beyond the Building Regulation requirements.
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)
Sub contractors and materials will be sourced locally, where possible.
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 (Blockwork, Timber and Concrete) are wholly recyclable
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 not surpass such regulations? However the proposals will present a more energy efficient dwelling for the future as a result of the design encapsulating part 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)
Not applicable on this application.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
Not applicable on this application.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Not applicable on this application.

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