CLIMATE CHANGE STATEMENT

location	Rosisel, Far Lane, Hepworth, Holmfirth, HD9 1TL
application	Demolition of Existing Dwelling and Garage and erection of Replacement Dwelling.
client/applicant	L Symons & A Walton
job number	26/1288
date	October 2026

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Part 1: Applicant details

Name of applicant/agent	Agent – Paul Matthews Architectural Applicant – L Symons & A Walton
Site Address	Rosisel, Far Lane, Hepworth, Holmfirth, HD9 1TL
Description of Development	Demolition of Existing Dwelling and Garage and erection of Replacement 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. This revised proposal, following on form the recent planning approval to extend and remodel the existing dwelling, provides an opportunity to further enhance thermal efficiency with a new build dwelling. The proposals will create a far more thermally efficient dwelling for future use by removing the insufficient 1960's dwelling and replacing it with a new dwelling built to modern standards.
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, wherever possible. Materials resulting from the demolition of the existing dwelling will, wherever possible/practical, be reused onsite, this reduces waste associated with the proposed development Materials that will not be reused within the proposed development such as the concrete roof tiles will be appropriately repurposed elsewhere avoiding waste wherever 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 works (natural stone, concrete, timber & glass) are wholly recyclable. The proposals include for an ASHP, solar panels with batteries and a well-sealed/highly insulated thermal envelope for the replacement dwelling which in turn will significantly reduce the energy demand of the property.

An electric vehicle charging point will also be incorporated as part of the scheme.

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 proposed replacement dwelling scheme will surpass the minimum requirements associated with Approved Document Part L.

It is intended that the new/replacement dwelling will enhance thermal efficiency and bring it up to and surpass modern day standards.

The proposals replace the existing dwelling which is very poorly insulated given its age/era and lack of thermal provision when originally built.

The property has had minimal maintenance/enhancement works done since its original construction.

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.

The nearby beck is 40+ meters to the East with a significant difference in levels of circa 4meters from house floor level to highway level and then a further circa 5 meters from road level to the beck.

It's also important to note there is no history of this beck flooding, furthermore there are other properties, some new build, within close proximity to the application site yet at a significantly lower level.

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)

All the proposed sanitaryware and appliances/taps will be new as part of the proposed development, these will all have reduced flow rates with low water consumption appliances and toilet cisterns.

A grey water system will be incorporated with surface water collected within a water butt to assist with the applicants very keen gardening hobby.

External areas will predominantly remain soft landscaped which assists with percolation and helps prevent surface water run off.

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

Not applicable on this application but we are more than happy to discuss and required enhancement with the Kirklees ecology unit.

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Preference will be given to local tradesmen and suppliers wherever possible to reduce travel associated with the project. An EVCP is proposed as part of the wider scheme which will positively contribute to the less use of combustion engines.

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