

Climate Change Statement

Part 1: Applicant Details

Name of applicant/agent	Eight_OneTwo Architects
Site Address	Land at Wakefield Road, Lepton, HD8 0LX
Description of Development	Demolition of Existing Structures and Erection on Single Storey Detached Dwelling (Self Build)

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 building regulations that were updated for 2022 already have very onerous provisions for new building works including the following U-Values_ Thermal Elements (AD L1:2021 – Table 4.2) Limiting U-Values for new fabric elements (W/m ² C) – To comply with new building regulations (2022) Walls 0.18 W/M ² C Pitched Roof – Insulation in ceiling 0.15 W/m ² C Pitched Roof- Insulation in rafters 0.15 W/m ² C Flat Roof or roof with integral insulation 0.18 W/m ² C Floors 0.18 W/m ² C Windows and Rooflights 1.40 W/m ² C or W.E.R band B Doors with more than 60% glazed 1.40 W/m ² C or W.E.R band C Other Doors 1.40 W/m ² C or W.E.R band B
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 new materials will be sourced locally, fuelling the local economy and cutting down on pollution from delivery.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See Section 4)
As per question 02
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 per question 01
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The site is not understood to be located within an area at risk from flooding
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)
Potential use of water butts and low flush toilets
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
None, as demonstrated within the as submitted ecological reports, this development is deemed to be exempt from biodiversity net gain.

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

Any potential air pollution from dust etc during construction can be addressed through the submission and sign off of a Construction Management Plan as part of any condition attached to the grant of consent.