

Climate Change Statement

Part 1: Applicant details

Name of applicant/agent	ONE17 Architects and Interior Designers (Agent)
Site Address	47 West End Road, Golcar, Huddersfield, HD7 4JF.
Description of Development	Single storey (infill) side extension between existing property and detached garage, with associated internal alterations. New oak framed open porch.

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)
<ul style="list-style-type: none">• Any new appliances such as fridges, washing machines etc. will be min. A rated energy efficient.• Existing central heating system utilised and extended, including introduction of TRVs to radiators.• All new lighting will be LED and energy efficient.
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)
<ul style="list-style-type: none">• Re-use existing materials from areas to be demolished on new extensions (natural walling stone).• Any new materials to be sourced locally, and encourage purchasing reclaimed materials such as natural walling stone.• Use local labour and Contractors to limit travel time to site and reduce carbon emissions.

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

- Suggest installation of renewable energy technologies and highlight benefits to Applicant.

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)

- Proposals benefit from expanses of glazing/rooflights to South Elevation to increase solar gain.
- Rooflights will increase daylight levels internally.

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

- Site is in Flood Zone 1.

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)

- Encourage use of water efficient appliances.

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

N/A

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

- Locally sourced materials and local labour to reduce transport emissions.
- Installation of mechanical extract ventilation system to rooms where required.

