

## **Climate Change Statement**

### **Part 1: Applicant details**

Name of applicant/agent	ONE17 Architects and Interior Designers (Agent)
Site Address	16 Allison Drive, Fixby, Huddersfield, HD2 2RA
Description of Development	Single Storey rear Extension

### **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"><li>• Any new appliances such as fridges, washing machines etc. will be min. A rated energy efficient.</li><li>• All new lighting will be LED and energy efficient.</li></ul>
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"><li>• Re-use existing materials from areas to be demolished.</li><li>• Any new materials to be sourced locally, and encourage purchasing reclaimed materials.</li><li>• Use local labour and Contractors to limit travel time to site and reduce carbon emissions.</li></ul>
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
<ul style="list-style-type: none"><li>• Suggest installation of renewable energy technologies and highlight benefits to Applicant.</li></ul>

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)

- Limited glazing
- Orientation of existing dwelling is unaffected, but proposals benefit from expanses of glazing to South Elevation to increase solar gain.
- Rooflights also provide rapid ventilation and 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)

N/a

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 (low/dual flush toilets)

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 required.