

Climate Change Statement

Part 1: Applicant details

Name of applicant/agent	ONE17 Architects and Interior Designers (Agent)
Site Address	Land at Nabbs Lane, Slaithwaite, Huddersfield, HD7 5AU
Description of Development	Erection of one residential dwelling house.

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.• 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">• Any new materials to be sourced locally, and encourage purchasing reclaimed materials such as natural walling stone and natural stone slates.• 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)
<ul style="list-style-type: none">• 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)

- No glazing to North Elevation,
- Proposed building benefits from expanses of glazing/rooflights to South Elevation to increase solar gain.

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 (eco shower heads, low/dual flush toilets)

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

- Development exempt from biodiversity increase due to proposed project being a self-build as detailed on <https://www.gov.uk/guidance/biodiversity-net-gain-exempt-developments#self-build-and-custom-build-applications>

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.
- Installation of car charging point to encourage electric vehicle use.
- Bicycle storage area to encourage use of bicycles.