

Climate Change Statement

Part 1: Applicant details

Name of applicant/agent	ONE17 Architects and Interior Designers (Agent)
Site Address	1145 Manchester Rd, Slaithwaite, Huddersfield, HD7 5LU
Description of Development	Change of use former store area associated with former Croft House Surgery into one residential unit.

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)
• Any new appliances will be min. A rated energy efficient. • Existing central heating system utilised and extended. • 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)
• Re-use existing materials from areas to be demolished. • 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)

• 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)
• Living spaces are carefully arranged around existing windows to reduce the need for artificial lighting. • The existing external windows are kept as they are to protect the building's local heritage character. • High-performance insulation will be used where applicable to beat standard Part L thermal requirements.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
• Site is elevated up from the highway.
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)
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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.