Climate Change Statement

Part 1: Applicant details

Name of applicant/agent	ONE17 Architects and Interior Designers (Agent)
Site Address	9 Top O' Th' Bank, Thurstonland, Huddersfield, HD4 6XZ
Description of Development	Demolition of existing barn and garage and erection of new dwelling.

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 such as fridges, washing machines etc. will be min. A rated energy efficient. • All new lighting will be LED and energy efficient. • Solar panels installed.
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)
• 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)
• Solar panels to be installed.

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 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)
• Site is elevated up from the highway. • 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)
• Ensure native planting • Bat and bird boxes will be installed
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.