Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	**Orange Design Studio.**
Site Address	**The Water Tower, Green Side Road, Blagdens, Thurstonland, Huddersfield, HD46XA, United Kingdom.**
Description of Development	**Change of use, conversion and alterations of the existing redundant water pumping station to short-stay visitor accommodation, together with associated internal and external alterations.**

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)
Low E glazing everywhere within the extension. **Low output LED lighting.**
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)

Materials to be sourced from local trades.

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

Solar options to be explored.

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)

We have assessed the daylighting a solar heat gain of the site and designed appropriate opening sizes to benefit this.

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

Existing levels have to be worked with. No increased impact as part of this application.

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)

As existing.

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)

Materials locally sourced.