

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Orange Design Studio
Site Address	22 Crowlees Road, Mirfield, WF14 9PJ
Description of Development	Enlargement of dwellinghouse by erection of additional storey and increased footprint.

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)
100mm High performance Kingspan Insulation in the wall. Low E Value glazing used throughout 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/businesses. Bricks from the existing house to be reused in the build of the extension where possible.
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 and solar heat gain of the proposal and adjusted the glazing to wall ratio accordingly.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
Proposed levels remain unchanged from existing. 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)
No change from existing
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
None
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Locally sourced labor and materials.