Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Ben MacDonald
Site Address	2-4, Crescent Road, Birkby, Kirklees, Huddersfield, HD2 2TF
Description of Development	Proposal of a single story lean-to extension to front of property

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)
The proposed development is to utilise low energy LED light systems and includes skylight windows in the roof, increaseing natural light in the property during the day reducing the requirement of lights.
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)
We intend to re-use the existing door currently in the residence and look to source locally reclaimed stone during the construction phase (if feasible).
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
Due to having limited space on the property, and utilising the roof space with skylights to provide natural light, it would not be possible to add any additional renewable energy sources on site.
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 will ensure the new proposed building utilises the latest insulation technologies in the cavity wall design ensuring the new extension achieves the latest U value requirements set by building regulations which is an improvement over the existing building which we believe to be a rubble filled wall design based of the age of the existing property.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
We have retained the 600-700mm ground floor level that is well above the legal minimum requirement, ensuring the proposal is resilient toward any flooding threat in the area.
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)
With the proposal of a 20 degrees lean-to roof design instead of the cheaper and easier to build flat roof design, our roof design promotes any water to run away from the existing property and toward the local drainage system, therefore reducing overall water stress.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
As explained in our biodiversity net gain plan submitted in our planning application, the plan for a modest lean-to extension with small proportions is not believed to impact on the biodiversity of the onsite habitat and any other habitat surrounding the site.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Due to the site not having any natural land it would not be feasible to plant any vegetation to reduce air pollution in the surrounding area.