

## **Appendix A – Climate Change Statement**

### **Climate Change Statement for Planning Applications**

#### **Part 1: Applicant details**

Name of applicant/agent	Richard Lowe, Candid Architecture Ltd
Site Address	Corby, Birkby Road, Birkby, HD2 2DR
Description of Development	Erection of a two storey feature entrance, two storey rear extension incorporating a roof terrace, single storey side and rear extensions incorporating a roof terrace, garage/home office outbuilding and landscaping works including the formation of a tennis court and the creation of new vehicular and pedestrian access and closing of the existing

#### **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)
Given the extent of new external envelope the proposal includes will mean that by complying with current building regulations applicable to extensions the dwelling will likely have a significant improvement to energy efficiency. Any further would be cost prohibitive
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)
It is intended to re-use the existing stone from walls that are demolished and any additional will be sought to be sourced locally
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Solar panels have been retained to the roof structure

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)

Larger glazing areas have been included within the South Elevation to benefit from solar gain. The design has been developed to make best use of the existing structure and site

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

We are looking to develop the existing home so it is suitable for the large site it sits within and therefore reduce future pressure of owners looking to demolish and build multiple houses and large areas of hard surfacing

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)

When construction begins the contractor will review the earth dug out to see if it may be suitable for a soakaway and potentially incorporate within garden areas

Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

The proposal includes additional and varied gardens will attract a variety of wildlife and will incorporate a wide range of plant life

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

The development of the garden area will hopefully improve air pollution and by reducing the pressure of future development there is less chance of additional houses in the built up area and associated cars.