Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mathew Price
Site Address	31 Heaton Drive, Kirkheaton, Huddersfield, HD5 0LN
Description of Development	Hip to Gable Extension with Front and rear Dormers

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)
New thermal quilt insulation proposed to the existing roof space outside the new dormer footprint. The dormer extensions to front and rear will be provided with additional rigid thermal insulation in addition to the minimum standard required by the Building Regulations where head room allows. New more efficient gas boiler proposed to power the extended space heating wet radiators.
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)
The existing bungalow is roof tiled with interlocking concrete tiles which are washed out of colour- the original colour of the tiles would of been green or brown when originally placed. The tiles taken off the roof within the construction phase are to be re-used on the rear elevation, with new being placed on the front street scene elevation. Existing timber purlins within the roof void to be utilised within the dormer construction as the front elevation supports and as rakers supporting the dormer gables.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

PV panels are to be considered to the South Elevation below the rear dormer
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)
New boiler system proposed and additional insulation to be placed within the existing roof space. Where possible dependent on ceiling/roof height new proposed insulation levels to be increased beyond the minimum Building Regulations- eg. min Building regs for ceiling would be 150mm depth of Kingspan insulation- this can be increased to 200mm dependent on ceiling heights.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
Area is not in a flood risk area however no additional hard-standing areas are proposed within the works. Water Butts to the downpipes and soakaway drainage to be considered to minimise surface water outfall run off to the private and public sewer system.
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)
Consideration is being given to providing water Butts to the exisitng domer bungalow to both minimise surface water outfall to the existing drainage system and enable water harvesting to water gardens during dry periods. New first floor bathroom will include modern restricted WC flush system.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
As with Q5 existing front and rear gardens offer natural surface water outfall for precipitation. Water Butts considered to the exisitng dwelling to reduced outfall to the on site drainage system. Existing gardens to front and rear offer habitat for local wildlife inhabitants including birds and insects.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Re-using existing materials and sourcing local materials will assist in minimising air pollution. Future new car purchase potentially will be electric therefore consideration will be given to providing a charging point or provide infrastructure ready adjacent to the existing dwelling.