

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Glyn Nicholson
Site Address	19 Occupation Road, Lindley, Huddersfield, HD3 3BD
Description of Development	First Floor Extension and Garage Conversion

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 during re-roofing works. 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)
Minimal materials are proposed for the conversion works. Materials for both the first floor extension and conversion will be sourced from local Builders Merchants. Main contractor to carry out the works resides in Huddersfield limiting journeys to and from the site.
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 South facing first floor extension roof.

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)

No additional run off areas will be created during these works- the proposed roof area of the first floor extension will be similar if not the same as existing single storey garage.

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 existing dwelling to reduce outfall to the on site drainage system. Existing significant 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)

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.