

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Michael Stuart Naylor
Site Address	47 Thorpe Green Drive Golcar Huddersfield HD7 4QS
Description of Development	Proposed rear single storey extension and two storey side extension.

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 rear extension is south facing and making use of roof lights and large bifolding doors, will improve light penetration reducing the need for lights during the day and will aid in heating the room through solar gain. Removing and adding new felt to the existing roof as well as the new roof area will help reduce heat loss. Removal of the old concrete floor in the existing rear extension and replacing with well insulated space under a new timber floor will vastly improve the heating efficiency. Replacing the front door with a new more energy efficient door will help reduce heat loss. The new external walls will have increased insulation. The existing area between the existing bay windows will be better insulated and the old timber tiles will be replaced with UPVC fascia boards.
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 use an existing window and patio doors in the new rear extension once the internal wall is removed. All materials will be sourced locally and all labour is located within Huddersfield. There will be a quantity of existing bricks already on site and further bricks available from the removal of the wall between the existing house and removed rear extension once the new rear extension is built. Re-using as many of the existing roof tiles (hopefully 100%).
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Where possible new materials will be sourced locally and from a responsible supplier who has a climate pledge
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)
Majority of the proposed extension is south facing and we aim to make full use of the sun with the use of large windows/doors and roof lights. As this is an extension to an existing building the layout is rather limited.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The proposed development is an extension to an existing dwelling which has no previous flooding or risk of flooding, the proposed extension is at a higher level than the road and the rear garden has attenuation crates and land drainage already in place to prevent rain run off from the rear.
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)
As Q5 above, last year the rear garden was dug up and water attenuation crates and land drainage we installed, these will retain the rain water falling on the rear garden and will drain into the soil over time, there is an overflow from the last crate into the drainage system, this will be maintained after the development is complete.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
As this is an existing site, there is already an established garden to the rear, the house backs onto a large field used for Cricket. There is already a water butt in place to save rain water to water the garden if necessary.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
As part of the new extension, there will be wiring in place for electric vehicle charging point if this becomes a requirement in the future, this will just require the external charger installing and connection to the distribution board. Most materials are sourced within a 5 mile radius, any waste removal required will also be sourced locally. Any labour will be local again within a 5 mile radius and will when possible travel together to reduce the number of vehicles on the road.