

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Michael Holdsworth
Site Address	41 Water Royd Crescent Mirfield West Yorkshire WF14 9SY
Description of Development	2 Storey Side extension to existing 3 bedroom semi detached 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 existing property electrical supply and gas supply will be sufficient to feed the extended rooms of the property. The current energy efficient boiler will be able to provide heating to the rooms of the extension and provide the hot water supply to the ensuite bathroom. No further systems will need to be installed for the extension. The property already features a smart meter for optimum energy efficiency. Current boiler, electrics, thermostat etc are fully up to date and serviced. The garden space will be a good size after the extension is built.
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)
All material and trades persons will be locally sourced. The side outer wall and the garage bricks will be reused in the extension build to achieve a close brick match to the original property and to reuse onsite materials where possible. Waste materials will be removed and disposed of in the correct manner. Waste will be limited and recycled into the extension build where possible. The site is large enough to house waste materials and building material at the same time so deliveries and collections can be limited to reduce carbon from transport.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

All existing supplies to the property will be sufficient to power the extended rooms

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)

Roof structure will follow the plan and shape of the original property, one slope will be south facing for the future installation of solar panels. large windows and doors will be installed on the south facing side of the property. High quality insulation will be used in the walls , ceilings , roof space and floors to maximise energy and heat retention. Energy saving windows and doors will be installed. The property already features an energy saving boiler. Low energy lighting will be used to maximise energy efficiency.

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

Adequate drainage will be installed to remove excess land water from the property. The property is located on a slight incline so does not suffer from a flood risk. The surrounding garden space is primarily grassed so provides adequate drainage to the property. The surrounding area is not a flood risk zone.

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)

A Low flush toilet along with spray taps and shower will be installed in the extension to match that of the those installed in the existing property. the existing property already has a water meter installed. In relation to the build care will be taken to reduce the amount of water used and to minimise any wastage.

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

Drainage will be installed to allow the adequate release of water from the property. The grounds of the property are largely grassed so allow the water to drain through the water table. Plants and Lawn areas will be installed in early spring to allow a natural watering from general rain.

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

The proposed extension will be built with locally sourced materials. Trades people will be locally sourced for the build. The site is large enough to take deliveries in bulk to reduce the amount of deliveries needed. Transport pollution will be limited where possible. The site has easy access no large machinery will be needed. The existing property has an ev charger already installed.