

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	George Zubak – Studio G Architectural
Site Address	2, Stonecroft Gardens, Shepley, Huddersfield, HD8 8EX
Description of Development	Erection of first floor side extension above existing garage and single storey rear 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)
High performance low-e double-glazed windows to match others used elsewhere in the property. Additional insulation in the floor above and beyond the minimum required for building control.
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)
Materials will be sourced locally from builder's merchants and stone yards where possible. Contractors will also be local. Electric hand tools and plant machinery used where possible.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
N/A
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)

The insulation used in the development will meet with the Building Regulation requirements, as a minimum.

- All new glazing will be thermally broken frames with sealed double or Triple-glazed units.
- All new lighting will be low energy.
- Rooflights and thermally efficient glazing will increase natural daylight and reduce the amount of time artificial lights will be required to be on.
- South & West facing glazing has been utilised to benefit from solar gains

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

The site is within Flood Zone 1 and poses a low risk of flooding. A soakaway gravel strip will be installed around the perimeter of the extension and a soft landscaping area maintained to ensure water naturally drains away. Gulleys will also be relocated where required for RWP's.

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)

Low flow, water efficient taps to be used. Dual flush toilets also will be installed within the existing main bathroom and new ensuite.

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

N/A

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

As per Q2 answer