

ADP CLIMATE CHANGE STATEMENT

Applicant Mr S. and Mrs R. Welburn

Site Address 54 Carr Hill Road
Upper Cumberworth
Huddersfield
HD8 8XN

Job nr. 25099

Project details Proposed single storey extension to replace existing conservatory.

Climate Change Mitigation Measures

Question 1: 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 of guidance notes)

The proposed will look to:

- Incorporate LED and energy efficient lighting.
- Increase amount of glazing to reduce need for artificial lighting.

Question 2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reducing existing on-site materials or sourcing materials locally? (see section 3 of the guidance notes)

The proposed will look to:

- Re-use existing stonework, where possible.
- Built to similar footprint of existing conservatory to minimise excavation and making good of patio area, requiring additional materials.
- Source materials and labour locally to minimise on transport Co2 and travel time to reduce emissions.

Question 3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (see section 4 of the guidance notes)

- Size of extension and scope of project is limited, however suggest incorporation of renewable energy technologies and highlight benefits to client.

Question 4: 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 of the guidance notes)

- Existing uPVC, fully glazed conservatory removed and replaced with new extension constructed to modern standards, with increased levels of insulation.

Question 5: What measures have been/will be taken to reduce potential impacts of flooding associated with your development? (see section 6 of the guidance notes)

– Site is in Flood Zone 1.

Question 6: 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 of the guidance notes)

N/A

Question 7: What measures have been/will be taken to provide biodiversity net gains? (see section 8 of the guidance notes)

– Proposal is exempt from biodiversity net gains.

Question 8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (see section 9 of the guidance notes)

– Transport emissions reduced by sourcing materials and labour locally.