

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Paul Hunter
Site Address	25 Ash Well Grove Denby dale Huddersfield HD8 8GP
Description of Development	Open structure aluminium framed pergola to rear of existing 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)
Proposed pergola is an open sided, unheated external structure and will not create additional habitable accommodation or require space heating or mechanical cooling. Consequently there will be negative additional operational energy demand. Open design allows natural ventilation and daylight. Any electrical lighting will be low energy LED controlled to avoid unnecessary use. Power required will be taken from an existing external socket.
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)
The proposed pergola will be constructed from durable aluminium components supplied by a specialist company and installed by their contractor. The use of a durable, low maintenance material will help minimise the need for future replacement and the associated carbon emissions. Materials will be sourced through the appointed supplier with deliveries and construction activity kept to the minimum reasonable necessary. The pergola will be manufactured off site and assembled on site helping to minimise construction waste. Contractor to remove packaging and construction waste generated during installation and will recycle or dispose of responsibly where practicable.

Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
Proposed pergola is an unheated external structure and will not require a dedicated energy supply, heating or mechanical cooling. Therefore no renewable or low carbon energy generation is proposed as part of the development. Lighting will be LED and only used as required.
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)
Proposed pergola is an unheated external structure and will create additional habitable accommodation or require heating or mechanical cooling, therefore the energy provisions applicable to a heated building are not relevant here.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
Proposed pergola is a small open structure and will not materially alter existing ground levels or drainage arrangements. No significant increase in surface water run off or flood risk is anticipated as a result of this development as it will be positioned on the existing paved patio. No changes to ground levels or existing drainage arrangements are proposed. A small number of existing flags will be lifted temporarily to allow pergola fixings to be installed before being reinstated.
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)
The proposed pergola will not provide habitable accommodation and not require a water supply or create any additional water demand therefore it will not materially contribute to water stress.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See

section 8)

The proposed pergola is a small scale garden structure and does not require any vegetation removal or changes to current landscaping. The development is not expected to result in any material adverse impact on biodiversity.

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

The development is small scale and domestic in nature and will not introduce any significant source of air pollution. Construction activity will be temporary and limited to the installation of the pergola by the appointed contractor.