

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Jonathan Hardy
Site Address	1 Piper Well Lane Shepley Huddersfield Hd8 8BA
Description of Development	Conversion of garage to holiday let

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)
<p>The new structure will be insulated to modern regulations The building will incorporate insulated walls, floors and ceilings; unlike the existing garage structure. Roof windows are provided to maximise natural light. All new light fittings will be fitted with low energy light bulbs. Welcome packs to inform occupiers about the efficient use of their heating and lighting systems will be provided.</p>
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)
<p>The application retains the existing garage structure and involves building on existing foundations, vastly reducing spoil for off site disposal. External structure will be formed from reclaimed Yorkshire sandstone, sourced locally. All building materials will be sourced from local stockists where possible.</p>

<p>Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)</p>
<p>The application covers the redevelopment of an existing garage structure, serviced from a residential property. The extension will be connected to the property's existing energy sources. The existing energy sources are equipped with Smart Meters.</p>
<p>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)</p>
<p>The current garage structure was erected in 1986 and has no insulation Removing the garage roller shutter and replacing it with a sandstone entrance will improve the thermal efficiency of the current structure. The new structure will be insulated to meet current Building Regulations, thereby improving the overall thermal efficiency of the structure. The main property is currently equipped with Smart Energy meters. The property will be fitted with an A-C rated combi-boiler. Roof lights are being considered to maximise natural light.</p>
<p>Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)</p>
<p>The property is located at an elevation that is not at risk of flooding. The application involves the redevelopment of an existing structure and has no detrimental impact on flooding.</p>
<p>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)</p>
<p>As part of the redevelopment a new WC will be formed. The WC will be equipped with a water efficient toilet. There will also be a shower provided - rather than a bath - to reduce minimise water usage. The existing garage roof is connected to the main sewer system. The new structure has a roof area the same as the existing and will be connected to the same sewer system. The load on the sewer system will be unaffected.</p>
<p>Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)</p>
<p>The application covers the redevelopment of an existing garage structure. Run-off from the current garage roof is connected to the existing main sewer system. The new</p>

development maintains the same roof area as the existing and will therefore not increase the load on the current sewer system. The application stays within the current building line and has no impact on the surrounding 'green' areas.
Additional bee-friendly pollinating flowers have been planted adjacent to the property.

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

Cycle racks will be provided and Cycles will be offered if requested for use.
An EV charging point is available (13 amp external supply).