

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Applicant: Mrs Vivienne Brookes Agent: Mr Nathan Edge (Elemnt Limited)
Site Address	13 Hollin Brigg Lane, Holmbridge, Holmfirth, HD9 2PG
Description of Development	The partial demolition, extension, and internal modifications to an existing single storey dwelling for the addition of an external terrace.

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 proposed development does not create any new occupiable spaces that require heating. The development will not increase the energy/heating demand for the occupied spaces in the existing property. All new components of the building will meet the minimum thermal performance values as set out in Approved Document L for external walls, windows/doors, roofs, and floors. Existing heating, lighting, and plumbing systems (including any associated controls/devices) are to be upgraded to be energy efficient alongside this proposed development.
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)
<ul style="list-style-type: none">- The re-use of the stone/brickwork that is to be demolished as part of the proposed works to minimise waste.- Sourcing of local stone/brickworks where possible when new materials are required. Use of reclaimed stone/brickworks where feasible.- Small development requiring minimal amount of new materials, labour, & machinery.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

No measures are currently proposed for this development. There are no adjustments to the properties existing occupiable spaces. With upgrades to existing MEP systems to new energy efficient alternatives, energy demand is expected to fall as part of this development.

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 proposed design and layout sees the existing habitable spaces to be surrounded by new thermally efficient/compliant external walls, including floors and roof. The proposed development separates the occupiable and non-occupiable rooms. The design ensures the habitable rooms are not impacted during construction therefore there will be no temporary/additional means for heating these rooms as part of the development (particularly during construction).

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

No additional measures are proposed and are not deemed applicable for the location of the development:

- Rivers & Sea (Very Low Risk)
- Surface Water (Very Low Risk)
- Reservoirs (Unlikely)
- Ground Water (Unlikely)

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)

There are no external proposals for water retention as part of this development. Means of water stress reductions will be via internal upgrades to water consumption systems such as energy efficient central heating & plumbing, improved sanitaryware including improved flow rates for taps and toilet flushing.
Installation of water catchments to rainwater pipes for external water demands.

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

The proposed development does not impact any existing habitats or areas of vegetation currently abundantly present on the property (or surrounding). The proposed improvements will result in the property to becoming occupied which will allow for greater care, maintenance, and enhancement of these existing areas of vegetation for long term improvement in biodiversity.

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

Use of the existing chimney as means of heating the property is to be removed preventing the burning of fuels and omission of pollutants.