

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Diocese of Leeds
Site Address	404 Spen Lane, Gomersal
Description of Development	Supported Living accommodation

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 building will have 'smart' energy metering. Lighting and heating will be user friendly, efficient and up to date. Energy-efficient white goods will be specified. External space will allow for drying washing naturally. Occupants will be trained in the efficient use of the heating and lighting systems. Heating in each part of the building will be individually controllable.
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)
While the existing building cannot be retained, as much as possible will be reused on site eg for foundations. A waste management hierarchy will be followed to minimise waste, and a waste management strategy will be integral to the construction process from the outset. The building footprint has been optimised to minimise use of materials. A separated waste store is integral to the design supporting recycling. Materials will be sourced locally where possible to reduce the need for transport. Low U-value materials will be used where appropriate. Material will be selected for long life and reduce need for maintenance. Materials will be selected to minimise the level of embodied carbon where possible.

No peat or materials from vulnerable habitats will be used. Timber will be obtained from FSC sources wherever possible.

Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Solar panels on the roof of the building will be considered however there is significant shading from neighbouring trees. Ground/air source heating will be considered.

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)

Vegetation around the building will be used to mitigate solar gain, and to provide shelter from winds. Extra insulation will be used where possible to promote energy efficiency. Double glazing will be used throughout.

Low energy lighting will be used.

Roof lights will be used to increase daylight.

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

Rainwater harvesting and permeable paving will be used where possible.

A surface water management scheme will minimise runoff.

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 flush/dual flush toilets will be specified. Showers will be specified.

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

Landscaping will be designed to support the sustainable drainage of the site. Drought resistant plants will be included in the landscaping. Mulches and ground-cover planting will be incorporated.

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

Materials will be sourced locally where possible.
Electric Vehicle charging points will be provided.