Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	The Diocese of Leeds
Site Address	ST MARY OF THE ANGELS CHURCH NORTH BANK ROAD BATLEY WF17 8ES
Description of Development	The proposed scheme consists of the demolition of the former Old School building (the former St Mary's Catholic Primary School), the former Nunnery on Upton Street, and the fire-ravaged former Senior Boys Department building in the grounds of the school. The proposed scheme consists of a residential re-development of the site with 10 new build dwellings served off North Bank Road. A new car park to serve the Church is proposed to the north of the site, served from Upton Street

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 scheme will include the proposal for CHP boiler system. • Smart meters will be installed in every property. • Control systems for building services will be user operated to ensure that the room conditions are set to the user's needs. • White goods will be as energy efficient as possible. • Exterior space available where users can dry washing. • Information pamphlets will be readily available to help users understand the systems at their properties.
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)

- Retainment of part of the original schoolhouse – where conditions allow it – dependant on a survey.
- Waste facilities and external storage of bins provided with scheme to manage recycling requirements.
- Waste management hierarchy to be followed by principal contractor appointed to deliver the project.
- Materials for the project will be sourced locally.
- Scheme footprint designed in a manner to avoid unnecessary use of materials – terraced scheme to minimise external walls and thus materials required for these.
- Materials proposed have low levels of embodied Carbon.
- Home composting units designed into the storage areas of waste.
- Waste management plans to be submitted by tendering contractors to ensure that waste will be kept at a minimum during construction.

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

- Feasibility for developing a local heat network such as a District Heating System are to be studied during the early concept phase of the project.
- Solar panels to be installed on the roofs of all properties – gains will be maximised due to the schemes south facing front facades and its inherent East-West axis location.
- Feasibility for utilising local water harvesting as well as biomass for heating and power generation will also be assessed.

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)

- Scheme has a south facing roof slope to facilitate installation of solar panels.
- Scheme is orientated to maximise passive solar design – South facing facades on an East- West Axis
- Plants and trees incorporated throughout the scheme to assist with local cooling.
- Envelope insulation to be ensured to meet most current building regulations thus ensuring that energy efficient design is made imperative in the project.
- Low energy building services systems to be incorporated into the scheme.
- Window sizes and openings, optimise daylight and natural ventilation.
- Solar shading devices provided to South façade to ensure shade is provided in times of higher temperatures.
- Green paved parking spaces proposed rather than hard surface parking near to properties to ensure that these do not cause unwanted temperature rises.

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
• Permeable paving proposed. • Rainwater harvesting goods to be proposed. • Sustainable drainage systems to be employed in the project.
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)
• Water efficient toilet systems • Low flow taps to be proposed • For appliances and white goods supplied by the developer these ae to be low water usage • Water meters installed at every property.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
• Habitat creation opportunities provided by new green areas and the planting of trees to the surroundings of the proposed scheme. • Trees to be utilised to support climate resilience due to their inherent nature of reducing surface water run-offs by slowing down incoming rain and prevent ground erosion. • Drought resistant plants to be specified.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
• Materials to be locally sourced where possible. • Travel plan to be submitted to encourage active travel for employees to reduce reliance on private car. • All homes to be fitted with at least one electrical charging point.