

## **Appendix A – Climate Change Statement**

### **Climate Change Statement for Planning Applications**

#### **Part 1: Applicant details**

Name of applicant/agent	Skyline LTD
Site Address	Land at Chapel Lane, Mold Green, Huddersfield. HD5 9BG
Description of Development	Erection of 31 self-contained Student Accommodation studios.

#### **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)
It is envisaged that some or all of the following will be incorporated into the proposal through a combination of passive and active strategies. The building form and orientation has been optimised to maximise natural daylight and minimise heat loss. High-performance glazing, insulation exceeding minimum U-values, and air-tight detailing will reduce thermal demand. Measures to meet/exceed the minimum required under <i>Building Regulations Approved Document L</i> . The thermal envelope is designed to align with BS EN ISO 13790 for energy performance. Energy-efficient LED lighting and ventilation systems will be installed. Where possible, materials with higher thermal mass can be used.
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 existing warehouse building on-site will be demolished and there will be potential for material reuse (e.g., crushed masonry for sub-base). Construction will prioritise local material sourcing, with stone cladding selected to match local vernacular. The modular approach to apartment units encourages efficient use of resources, and the compact design minimises structural complexity and excess material use. The dwelling will also be provided with separate bins for general and recycling waste, and water butts and composting bins may also be possible
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
Materials to be used within the new build are wholly recyclable.

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 walls, roofs and floors of the dwellings are insulated, and the windows would be high-quality double-glazed units. Windows have been carefully positioned to promote cross-ventilation and natural light, reducing reliance on mechanical systems.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
Flood risk does not apply.
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)
Features to reduce water stress such as water efficient toilets, low water use dishwashers/showers and water meters will be included within the final proposal. There is potential for rainwater harvesting to be explored further in detailed design stages for irrigation or greywater reuse.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
A separate BNG report is being supplied
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
The scheme includes soft landscaping and planting that contributes to urban greening and can aid in filtering particulates from Wakefield Road. The use of public transport, cycling, and walking by providing adequate facilities (such as large bike store). Limiting on-site parking, especially for students, will also reduce vehicle emissions and encourage greener travel options to and from the site. The use of locally sourced materials will be encouraged. Local builder/contractors and site personnel will be used where possible to minimise the overall air pollution to and from the site. During construction, contractors to use dust suppression techniques and use construction machinery that complies with current emission standards rated under <i>BS EN ISO 16890</i> .