Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Darren Christian
Site Address	Salendine Nook High School Academy New Hey Road, Salendine Nook, Huddersfield, HD3 4GN
Description of Development	Demolition of two number of existing modular and the erection of a one storey facility (classroom, medical room, drama studio) on the same site

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)
Fabric first approach, with thermal elements, MVHR system in rooms with air source heat pumps, LED lighting throughout with presence detection, use energy efficient white goods (rating where possible), use of centralised heating system, with individual time and temperature controls to each part of a building or individual rooms.
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 2 No of modular buildings are in poor condition and not fit for purpose. PC to follow the waste management hierarchy and incorporate facilities to minimise waste as part of development proposals during demolition, site clearance, construction and when subsequently occupied. The design will allow sufficient space for occupiers of completed schemes to store separated waste awaiting collection for recycling and disposal. Try to dependant on PC to source materials locally to reduce the need for transport. Selecting materials that have a long life and require little maintenance.Maximising the use of timber from sustainable Forest Stewardship Council (FSC) sources. The PC will provide a Waste management Plan in planning development proposals to demonstrate how waste will be minimised during construction.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Air source heat pumps (TBC by M+E contractor),
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)
Roof structures include a south facing slope to facilitate the installation of solar panels (TBC) and minimising the area of north facing windows.Using thermal mass to act as a thermal lag for the building.Incorporating windows to maximise natural light and aid natural ventilation to reduce need for air conditioning. Use of Low energy lights and lighting controls with detection.Also use of roof lights/openings to increase daylight /ventilation in the drama studio.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
Checking on the EA website the site has very low surface and flooding chance of occurring to this proposed site.
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 toilets and dual flush toilets reduce water usage.Spray and low-flow taps reduce the amount of water used.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
Not Applicable as site is under 0.2 Ha
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
PC will try to locally source materials to reduce transport emissions, Installation of mechanical ventilation systems.