

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Applicant: Al-Hira Educational Centre Agent: Create It Studio Architects
Site Address	Al-Hira Educational Centre 51 Broad Lane Dalton Huddersfield HD5 9BY
Description of Development	Change of use from D1 educational centre (basement and ground floor) and C3 residential (first floor) to Class F1(f) public worship or religious instruction on all floors, with associated minor internal alterations, at Al-Hira Educational Centre, 51 Broad Lane, Dalton, Huddersfield HD5 9BY.

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 proposal involves a change of use within the existing building with only minor internal alterations, supported by a proportionate energy-efficiency strategy. This includes replacing lighting with high-efficiency LEDs and automatic controls, using zoned and programmable heating with efficient low-NOx boilers where replacements are needed, improving loft or roof insulation and draught-proofing where practicable, and providing guidance and metering to help users manage energy consumption. These measures aim to reduce energy demand, avoid unnecessary heating and lighting, and improve operational efficiency beyond minimum Building Regulations requirements.
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 proposal minimises construction-related carbon emissions by retaining and adapting the existing building instead of demolishing and rebuilding it, with works limited mainly to non-structural internal alterations, redecoration and modest fit-out. New materials will be durable, low-maintenance and locally sourced where practicable, with consideration given to thermal performance and environmental credentials. Contractors will follow the waste hierarchy, separating recyclable materials and reusing fixtures and fittings where possible. The completed scheme will also provide suitable storage for separated recycling and residual waste in accordance with the Council's Waste Management Design Guide.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Given the modest scale and existing form of the development, large-scale energy networks are not applicable. However, the pitched roof and site layout will allow for future solar PV or solar thermal installation, with south-facing roof slopes kept unobstructed where possible. Any future heating plant replacement will prioritise efficient, low-carbon systems, while hot water will be provided through appropriately sized, efficient equipment. The centre will also promote walking, cycling, public transport and car sharing, supported by secure on-site cycle parking, to reduce transport-related emissions.
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 building layout and operation have been planned to improve energy efficiency within the existing structure. Storage is located in the basement to avoid unnecessary heating, while the prayer hall and community space are concentrated on the ground floor and classrooms and staff areas are placed on the first floor for heating and lighting only during occupied periods. Existing windows will be retained to maximise daylight and enable natural ventilation where practicable, supported by efficient mechanical ventilation when required. Light-coloured internal finishes, zoned heating controls and thermostats will further reduce energy use, while the existing parking arrangement will be maintained to minimise additional hardstanding and support clear pedestrian access.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The proposal is neutral in flood-risk terms, retaining the existing building footprint and hardstanding without increasing impermeable surfaces, external ground levels or drainage demands. Existing gutters, downpipes and drainage channels will be inspected and maintained, while any minor parking-area repairs will use permeable or water-managing materials where feasible. Ground-floor areas will incorporate robust, water-resistant finishes, and opportunities for small-scale measures such as soft landscaping and planting will be considered to improve water absorption and reduce surface-water run-off.
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)
The development will reduce potable water use through dual-flush WCs, water-efficient taps with flow restrictors or spray outlets, and efficient shower heads where provided. Staff and volunteers will be encouraged to use water responsibly, report leaks promptly and avoid leaving taps running, while metered consumption will be monitored where possible to identify unusual usage or leaks. Water butts will collect rainwater from suitable roof areas for external planting or cleaning, reducing mains water demand for non-potable purposes. Together, these proportionate measures will improve water efficiency and support the Council's aim of addressing water stress over the development's lifetime.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
Given that this is an existing, fully developed site with no realistic opportunity for new soft landscaping or planting, biodiversity enhancement will focus on modest, building-based measures and management practices that do not require additional land take.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
The development will minimise air pollution by promoting walking, cycling, public transport and car sharing, providing secure cycle parking, and managing Friday prayer attendance through staggered sessions and on-site marshals. Any replacement heating systems will be high-efficiency, low-NOx units, while the Centre will consider installing electric vehicle charging points subject to funding and technical feasibility. Natural or mechanical ventilation will support good internal air quality without unnecessary energy use, helping to reduce emissions in line with Policy LP51 and the West Yorkshire Low Emissions Strategy.