

ENERGY & SUSTAINABILITY STATEMENT

Proposed Padel Club at Stand Cricket & Tennis Club,
Hamilton Road, Whitefield, Manchester M45 7WF.

FLH Architectural Services

November 2024

1. Introduction

1.1 Prestige Padel Limited (“Applicant”) intends to submit a formal planning application to the Council for the development of a new Padel Tennis Club.

1.2 The proposed site is at Stand Cricket & Tennis Club, Hamilton Road, Whitefield, Manchester M45 7WF. Please refer to the Location Plan below.

If approved, the new facility will be constructed in the first quarter of 2025, with a target opening date – Q2, 2025.

2. Project description

2.1 Construction of padel tennis courts (4 no.) and ancillary facilities within lightweight canopy structure.

2.2 The project, in terms of heating and energy requirements is considered as an external facility ONLY, where the court areas & space within are unheated under the canopy structure.

3. Energy and climate statement

3.1 Due to the size of the proposal, being less than 1000sq.m. it does not require an Energy & Climate Statement.

3.2 Nevertheless, the building will be required to pass Part L 2021, which by itself targets a 27% reduction in carbon emissions over Part L 2013.

3.3 Furthermore, the project will aim to follow a ‘Fabric First’ approach, aiming to optimize the fabric performance and reduce the energy consumption within materials utilised at construction.

3.4 The lighting to the Padel courts installed will all be LED and energy efficient vs the adjacent Tennis court floodlights.

3.5 The small building will require minimum heating, due to the nature of its use, nevertheless, an ASHP, a low carbon technology, will be installed to provide space heating.

3.6 The building will be metered and monitored to deal with any performance gaps, and ensure optimum performance.

4. Sustainability Statement

4.1 Final Sustainability Appraisal Report for ‘Guide to Development in Manchester Supplementary Planning Document and Planning Guidance: and relevant UDP policies’ details the applicability of requirements.

4.2 As the proposal is non-residential, and under 1000 Sq. m., it will need to address the policies listed below;

4.2.1 Overall SCA a: BREEAM is not a requirement, but the proposal will aim to follow the principles of it.

4.2.2 Materials and Waste: The proposed will prioritise the use of materials and construction techniques that have smaller ecological and carbon footprints, help to sustain or create good air quality, and improve resilience to a changing climate where appropriate. Space will be provided and appropriately designed to foster greater levels of recycling of domestic and commercial waste.

4.2.3 Energy & Climate: The proposal will implement the Energy Hierarchy within the design of new buildings by prioritising fabric first, passive design and landscaping measures to minimise energy demand for heating & lighting. Furthermore, the design of the building and the wider built environment will aim to be resilient to the ongoing and predicted impacts of climate change.

4.2.4 Water: Water efficient fittings will be used within the building, moreover, water reuse and recycling will be considered and applied if feasible.

4.2.5 Community Energy Networks and Large-Scale Renewable Energy Schemes SC2 & SC2 C1-3: Due to the size of the proposed, it is not expected to consider the integration of community energy networks. Furthermore, the site is not in proximity to an existing or proposed heat network.