



SPRINGLYNN

SUSTAINABILITY STATEMENT
SEPTEMBER 22

CODA
Architecture



DESIGN DEVELOPMENT : SUSTAINABILITY



We are committed to protecting and enhancing the environment and tackling climate change. We know that buildings contribute almost half of the UK's carbon emissions, and it is therefore important to ensure that we are looking to tackle the demand for housing in the area through a sustainable approach.

All dwellings on site exceed the space standards outlined in the Nationally Designed Space Standards Guide whilst also providing appropriate open garden space, in line with the Manchester SPD. This ensures sustainable internal and external space, which ensures longevity for the development and will prevent the need for redevelopment in decades to come.

The development has been designed from concept stage to incorporate sustainable approaches: the creation of an efficient envelope; appreciating the solar aspect of façades and window sizes.

All habitable rooms in the proposed development will be naturally ventilated with openable windows that satisfy purge ventilation requirements from Building Regulations Part F. The window sizes are generous throughout, meaning the rooms benefit from good levels of natural light. This reduces the requirement for artificial lighting and connects the residents to the local setting outdoors and improving their wellbeing.

Through the detailed specification of the building envelope, energy demand for space heating and cooling has been reduced, and the building fabric of all houses in the development will meet or exceed the new Building Regulations Part L standards.

Roofs have been designed to be structurally capable of accommodating photovoltaic panels where possible, in order to offset the carbon consumption of the dwellings.

Each dwelling also has an outdoor shed to store bicycles and promote sustainable modes of transport.

Low impact and locally sourced materials will be sourced wherever possible to reduce the environmental impact of building materials, while retaining traditional architectural aesthetics.

This document has been
produced by CODA Architecture.

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