

SEM Technology Ltd.
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M50 3XP



Manchester City Council
PO Box 532,
Town Hall,
Manchester
M60 2LA

Date 28th July 2025

Your Ref

Our Ref SEM/1189

For the Attention the Hannah Lowe

Dear Sir,

RE: Aldi Foodstore, Victoria Avenue East, Manchester, M9 7HW

Condition 29 - Environmental Standards Statement Review

We can confirm that the energy modelling completed by Watt Energy and Consulting Engineers dated 19 November 2021, has been complied with and the following energy efficient design methods have been adopted.

- Ground floor U-values of 0.15 W/m²K
- External Wall U-values of 0.20 W/m²K
- Flat Roof U-values of 0.15 W/m²K
- Low Double-Glazed Window U-values of 1.4 W/m²K
- 100% low energy lighting throughout, with a luminous efficacy of 100 Lumens/watt and a light output ratio of 100%.
- Lighting control with presence detection in offices areas.
- 350% efficient air source heat pumps to meet the heating and cooling demand.
- 100% efficient point of use electric water heaters to meet the hot water demand.
- Mechanical ventilation with heat recovery. This system reclaims heat from extracted air and returns it to the building, thereby reducing the heating load.
- Target air Permeability Rate of 4.92m³/hm²
- 80kW Photovoltaic (PV) Solar Array

I trust the information provided is satisfactory and look forward to any comments, should you require any further information then please do not hesitate to contact me.

Yours faithfully,
for SEM Technology Ltd.

