

ENVIRONMENTAL STANDARDS ADOPTED IN THE DESIGN OF PROPOSED NEW DWELLING FOR A PLOT TO THE SIDE OF 38 CLOUGH ROAD, MOSTON, MANCHESTER M9 4BY

Energy Conservation and Heat Loss Standards:

It is intended that the new dwelling will be detailed and specified to comply with the Concurrent National Dwelling Specification Standards as set out in the Building Regulations Part L1A: conservation of Fuel and Power in New Dwellings 2013 with 2016 amendments.

These are as follows:

Window openings to be= minimum 0.25m² of floor area for all habitable rooms.

Minimum U-values of principal elements as follows:

1. External walls= 0.18W/m²K
2. Ground floor= 0.13W/m²K
3. Roof= 0.13W/m²K
4. Windows=1.4W/m²K
5. Doors= 1.0 W/m²K

Ventilation

Ventilation standards to be in accordance with Approved Document E

The overall air tightness = minimum 5.0m³/hm² (to be achieved using a combination of natural ventilation ie trickle vents over windows minimum 8000mm² to habitable rooms and 4000mm² to all others and/ or mechanically forced extract vents as required). Mechanical ventilation to be provided to any/ all confined rooms with minimum 5 air changes/ hour ACH discharging directly to outside.

Kitchen= minimum 60 litres/ second air ventilation rate.

Bathroom= minimum 15 litres/ second air ventilation rate.

Heating system to be low energy heat exchanger/ heat pump type electric boiler.

Low energy lighting to be used throughout to Table 4 of Approved Document L1A.

Acoustic Sound Reduction Standards

All internal partitions and floors to comply with Part E of the building regulations.

1. 45dB minimum sound reduction for the new party wall.
2. 40dB minimum sound reduction between rooms with the dwelling.

Plumbing and Drainage

All plumbing to comply with CP 5572.

Sinks to have minimum 42mm diameter plastic waste pipes and with 75mm deep seal bottle traps.