

# SUSTAINABILITY STATEMENT

**For development at (land at the rear of) 31 St Albans Avenue, Chiswick W4 5LL**

This report addresses the energy and sustainability concerns outlined within the 'Energy Planning – Greater London Authority guidance on preparing energy assessments.

Policy 5.15 B (Water Use and Supplies) of the London Plan, which states that the developer should aim to minimise the use of mains water by the following:-

- A) Incorporating water saving measures and equipment.
- B) Designing residential development so that mains water consumption would meet a target of 105 litres or less per head per day (excluding an allowance of 5 litres or less per head per day for external water consumption)

## **Internal Water Use Assessment**

Following collaboration with the Architect, it is our aim to reduce the water consumption from the dwellings by providing high efficiency sanitary fittings with flow restrictors.

In line with Part G of Building Regulations and Condition 6, In design our proposed dwellings shall not exceed a maximum of 105 l/p/d (litres per person per day).

The proposed flow rates criteria for the dwellings at this development shall be as follow:-

### Appliances & Fittings Flowrates / capacity

- Washing Machine - 8.17 litres per kg (dry load)
- Dishwasher - No provision for this however 1.25 litres per place settings
- Kitchen Tap - 6 litres per minute
- Dual Flush WC - 4 litres per flush (full) & 2.6 litres (half)
- Bath - 175 litre to overflow
- Bathroom Tap - 5 litres per minute
- Shower - 8 litres per minute

Our Part G calculations demonstrate that's by using the above figures the water consumption rate of 102.0 litres per person per day can be achieved which meets the 105 (l/p/d).

This is compliant with Policy 5.15 B (Water Use and Supplies) of the London Plan.