**ENERGY & SUSTAINABILITY STATEMENT**

**New dwelling at 24 Worlebury Park Road.**

The new dwelling will incorporate the following standards to create a Highly Energy Efficient Home designed, to exceed the requirements of the Building Regulation Approved Document L1, briefly as follows:

Will incorporate renewable technologies, in the form of Photovoltaic panels fixed to the roof or ASHP’s, calculated to offset at least 10% of the CO2 produced

Will be constructed with high levels of fabric insulation, to achieve a minimum of 19% improvement above the Building Regulation Approved Document L1, to reduce CO2 emissions, The final methods of construction will be led by the SAP Energy Assessment to ensure the building is Energy Efficient.

An Electric Vehicle Charging Point will be provided to reduce pollution.

Dedicated cycle parking will be provided to promote sustainable methods of transport.

Will incorporate Sustainable Drainage principles in the form of soakaways to minimise the impact on the existing drainage network.

Incorporate low flush toilets and flow restricted/aerated taps to minimize the impact on the drainage network and minimise water consumption.

All timber used in the construction will be from independently verified sustainable sources.

Low Energy Lighting will be used throughout.

Connection to the local broadband/internet will be made to promote home working.

The property is in close proximity to Local Services and Public Transport to encourage occupants to reduce the amount of car journeys made.

The final design and construction techniques for the new dwelling will be developed post planning to meet the above design standards, in line with the policy requirements of North Somerset Council and the applicants desire to build a highly energy efficient home incorporating renewable technologies.