

Sustainable Design Statement



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1. Sustainability Statement

The proposed works have from the outset been designed with a high level of sustainability in mind – we have sought to consider all practical measures both in construction techniques and materials. Further to the development of the energy strategy the new elements will be designed to be either easily replaceable and/or recyclable - the construction techniques will minimise site time and energy resource. The strategy has been developed taking into consideration cc with particular reference to policy 5.3 (Sustainable Design and Construction), policy 5.4 (Retrofitting) and policy 5.7 (Renewable Energy).

The proposed works will improve the energy strategy of the existing retail unit and will increase its energy efficiency.

A new energy efficient small electrical boiler will replace a big old high energy consuming boiler. This will drastically diminish energy consumption of the unit therefore reducing its carbon footprint.

The lighting strategy will make full use of new low energy and LED technologies to minimize the loading.

The high consuming electrical radiators on the ground floor will be replaced with a modern highly efficient ducted HVAC system (that is part of this planning application) that will permit do control more efficiently the ambient temperature of the space with lower emissions than the existing heating system.

The furniture used on the fit-out is all created from recycled materials and can easily be recycled at the end of it's life cycle.

The existing wooden floors have been maintained and refurbished instead of being replaced this decision was made in accordance with our sustainable strategy.