



SEVENCROFT LTD.



277 Canterbury Road, Kennington, Ashford, Kent TN24 9QW

Tel. (01233) 625553

e-mail: sevencroft@hotmail.co.uk

CLIMATE MITIGATION STATEMENT

Re: Proposed Extension to rear & conversion of Existing Residential unit to Flats & Change of use of redundant Restaurant area to 11no. One Bedroom, One Person Units at 140 & 139 Parrock Street, Gravesend, Kent DA12 1EZ

Infrastructure type 1 - Rainwater Harvesting

The Council recognises that water is a finite resource essential for human health and wellbeing as well as the natural environment.

This guidance therefore requires applicants to demonstrate that they can deliver facilities for rainwater harvesting.

RESPONSE

Our client is looking to install a Platin Direct Rainwater Harvesting System 1500-7500 Litres. The Direct-supply system is designed to support WCs, washing machines, irrigation and outside cleaning purposes.

Rainwater is collected from the roof of the property and is fed into the underground tank via the downpipes. On entry to the tank, the water passes through a filter, to prevent any debris from going into the tank. With this system, there is a mains water top-up unit located within the property. This unit supplies mains water to the underground tank when the rainwater level is low. The operation of this unit is controlled via a float switch. There is a pressure-sensitive pump located in the underground tank. When a valve or tap is opened, water will be pumped under pressure until the valve is closed, allowing for the system to repressurise turning the power off to the pump. It is proposed to install this unit in the back garden amenity space for the flats.

Infrastructure type 2 -Solar Technology

The council recognises that it has a responsibility to contribute to energy generation from renewable and low carbon sources. To support this, this guidance requires applicants to include the provision of solar technology.

RESPONSE

Our client is looking to install a 12.2kw solar array on the proposed roof in order to reduce the carbon footprint of the property. The Electricity produced will be sent to an 8KW battery & will be used within the building in order to help reduce overall costs & reduce my clients carbon footprint.