

DMA BUILDING DESIGNS

SUSTAINABILITY STATEMENT

FOR A SINGLE STOREY EXTENSION TO THE SIDE

At

Oakmead Dental Care

48 Moat Road

East Grinstead

RH19 3LH



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Introduction

Oakmead Dental Care has seen a vast increase in demands on their services over recent years and are therefore planning to expand their premises. The main element of the current proposals consists of creating a new surgery room by building a single storey extension to the side of the property which utilises an unused hardstanding area.

1. CO2 reduction, thermal improvement and minimising heat loss

The extension will be built to modern methods of construction and will be heated via the same method as the main building.

The thermal properties of the extension will be built to the same standards as the main building, so as to further improve the loss of energy through fabric heat loss. Through air tightness and the ability to use good quality building materials, there will be a fabric first approach to reducing heat loss and ultimately carbon.

All light fittings will be 100% low energy rated fittings.

2. Water usage

Water consumption is currently a key factor in some of the immediate areas surrounding East Grinstead and in terms of sustainability, water harvesting is promoted going forward with the increasingly hotter and dryer climate conditions.

In this application, a WC is being removed with no proposals to add any further WCs.

A sink will be included in the new dental surgery and will be fitted with low water mixer taps.

The surgery do not propose fitting an outside tap but instead will collect rainwater to a water butt which will service any external water usage.

These changes are considered to result in a reduction to the overall usage of water in the building.

3. Recycling

The practice already has a selection of bins which include general and dental waste. The latter of which is covered in this application to improve management and keep patients, professionals and the community safe.

The usual household recycling scheme will be retained as part of the Local Authorities regular collection, sorting the main recyclables from the other practice waste.

There will be an opportunity to recycle building materials from the site. Skips will be available throughout the build to take materials which can then be sorted and recycled by the licenced waste handlers. Small amounts of existing concrete hardstanding can be crushed and used on site as sub base if required.

