

SUSTAINABILITY STATEMENT

7 CADOGAN PARK, WOODSTOCK, OXFORDSHIRE OX20 1UW

Proposal

The proposal is to modernise and extend existing bungalow and bring daylight to all parts of the house.

Existing conservatory and side extension will be demolished and new extension will be built to current standards incorporating:

- Using timber wherever possible and locally sourced materials and labour.
- Thermal performance of existing fabric will be improved with additional insulation, airtightness and replacing existing windows with new double glazed windows and doors.
- New extension will be built with high levels of insulation to the floors, walls and roof.
- New windows and doors will be double glazed with high u values.
- Proposed insulation levels will be to the current Building Regulations standard with additional floor insulation.

Efficient Systems for energy performance with:

- Solar Thermal Panels
- Air Source Heat Pump.
- Hydrogen ready Gas fired boiler.
- Underfloor heating to all of the ground floor area.
- Smart heating controls throughout the house.
- Use of low Energy LED light fittings.

Water Efficiency and Usage

Water Butts will be installed to harvest rain water. Sanitary ware, fixture and fittings will be selected to keep water usage below 125L per person/day.

Recycle Bins & Cycle Parking

Recycle Bins & Cycle parking space to be provided as shown on the proposed layouts.