

440A (97) 01 – Sustainable Design and Construction Statement (SDCS)

Client: Rhys Leighton

Proposals: Two storey side extension and single storey rear extension at 1 Woodfield Drive, Low Bradley, Keighley BD20 9EN.

Introduction / Site Description

This document is prepared in support of a planning application for extension proposals at 1 Woodfield Drive, Low Bradley, Keighley BD20 9EN and is to demonstrate compliance with policy ENV3 (s) and (t) of the Craven Local Plan.

The application is a renewal of planning case ref: 2020/21983/HH which was approved on 20th January 2021. Since this date building regulations have been updated and therefore increased insulation provision is required since the scheme was originally designed.

The proposal represents a relatively standard house extension project and sustainable design (over and above meeting building regulation standards) options or opportunities are restricted on such projects.

We encourage greener energy solutions such as solar panels, modern boilers with good control systems, energy efficient lighting etc, but these are often client led decisions during more detailed design.

Sustainable construction is encouraged, for example options to construct in timber frame as opposed to more traditional blockwork construction, source materials locally and in bulk where possible to minimise the required number of deliveries etc.

Sourcing sustainably produced timber products and using materials with good sustainable credentials (E.g Green Guide Rating A+) is good practice. Such considerations are often determined during more detailed design stages and in discussions between applicant and their selected contractor.

The overall performance of the property should be assessed as part of the works and thermal performance enhancement of existing parts of the building to reduce the heat loss presents a significant opportunity to create a more energy efficient dwelling.