

Joshua Evans

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Hereford
HR4 0LE

15.11.2024 - by email only

Dear Joshua

Re: Proposed erection of a single new low energy and low carbon dwelling
Application number - P241412/F

Thank you for your email dated 06.09.2024 requesting further information. We can confirm the following:

1. Details of Glazing - We propose the glazing to all windows will be Pilkington Suncool™ One 60/40. This glass is specifically designed to cut down light transmittance, this reduces solar gain and cuts light spill from within the property to outside. Suncool™ One will cut down light transmittance (in and out) to approximately 60% the levels that would pass through regular clear float glass. Pilkington Suncool™ One 60/40 that is 6mm thick & toughened has a visible light transmission (VLT) of 0.6.

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2. Samples of Materials

2.01 The roof - is proposed to be [IKOslate](#) a composite roof tile manufactured from mineral-reinforced, 99% recycled, and re-engineered materials (see below). It has the colour & appearance of natural grey/blue slate. PV panels will be matt finished & frameless.



IKOslate roof tile

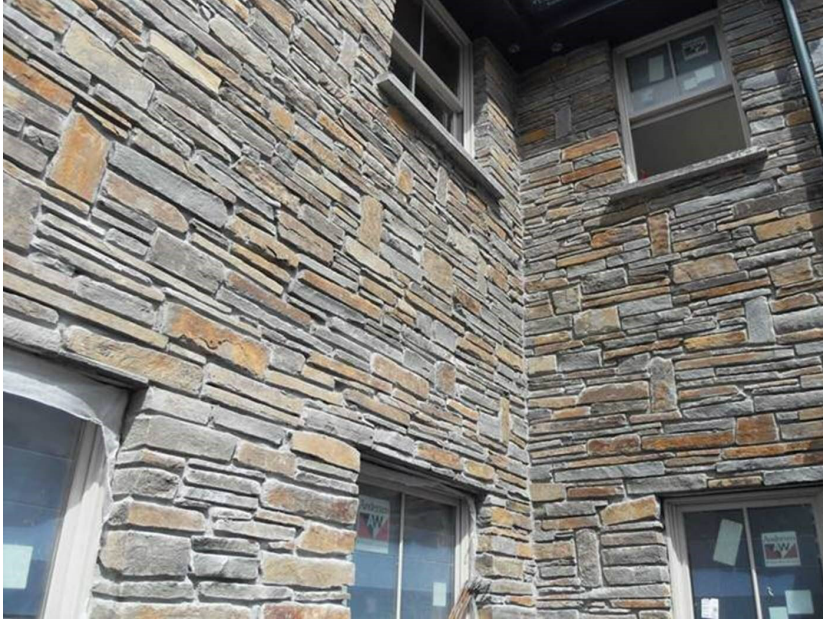
2.02 The timber external walls (upper floor) - will be locally sourced western red cedar (see image below). We have previously sourced this material from Gladstone Sawmills located just over 4km away from the site, who mill timber grown in the Forest of Dean.



Western Red Cedar

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2.03 The stone walls (lower floor level) – are proposed to be made from local semi-random, semi-dressed Pennant stone, available from [Forest of Dean Stone](#), who's quarry is located just 8km from the site. They use the local Cannop Ponds to power their micro hydro turbine generating electricity for their works.



Pennant Stone

3. Details of the surface water soakaway have been provided by the specialist designers EDS Ltd & their report is included with this email. Percolation testing to BRE Report 365 was carried out & the test results indicate that the site is suitable for the use of infiltration drainage methods. Design sizes & specification have been provided with the report & the surface water drainage drawing has been updated accordingly.

Hopefully this answers your immediate questions, but if you need anything else please just let me know.

Yours sincerely

Tom Drury

Enc EDS soakaway report