

Date: 07.07.25

Ref: Dunsop Bridge Class E conversion



Erica Wright
Erica Wright Architecture LTD
Osterley,
High Biggins,
Kirkby Lonsdale,
LA6 2NP

Dear Erica,

Root Farm, Dunsop Bridge, Class E conversion

I am writing to confirm the structural suitability of the Central Barn and Dairy buildings at Root Farm for conversion under Class E use.

Both buildings have undergone repair and refurbishment. Each structure comprises a ground-bearing concrete slab and load-bearing stone masonry walls. The first floors are constructed using timber joists supported by steel beams, while the roofs are formed using timber joists supported by a combination of iron and timber trusses.

Following our structural assessment and design review, we can confirm that both buildings are suitable for conversion for general use in accordance with Class E regulations. Specifically:

- **First Floors:** Designed to accommodate an imposed load of **2.5 kN/m²**, in line with the requirements of **BS EN 1991-1-1:2002** for general use above ground level.
- **Ground-Bearing Slabs:** Capable of supporting an imposed load of **3.0 kN/m²**, also compliant with **BS EN 1991-1-1:2002**, making them suitable for general use at ground level.

Should you require any further information or clarification, please do not hesitate to contact me.

Yours sincerely

A. Baskerville

Aaron Baskerville

Senior Structural Project Engineer

BEng MSc