

Notes:

Remove existing timber internal lintel and provide new 100 x 150mm deep in-situ cast Lytag reinforced concrete lintel over opening, repairing existing brickwork arch to external face.

Existing lower slope purlin supplemented with additional well seasoned 200 x 200 grade D30 oak purlin above existing and the two bolted together. Supplementary section to extend into existing gable stonework by 150mm. Refer to details.

Resin fixed barn hipped end wallplate onto underlying consolidated masonry to gable peak. Refer to detail.

Provide end repairs to existing slope purlins where they have become withdrawn from the existing gable masonry and new tie connection/ between their ends and underside of new roof structure to consolidated gable peak masonry with lytag concrete filled pockets. Refer to detail.

Existing gable to be tied and grouted throughout with some localised rebuilding of inner facing work around existing window opening / cill. Refer to details.

Existing built in timber bonders to be removed refer to detail.

Existing built in timber bonders to be removed refer to detail.

400mm x 200mm deep mass concrete footing beneath load bearing walls cast into bedrock.

D	WC	Crossing bay steelwork revised	12-03-24
C	WC	Major revisions underpinning omitted steelwork framing added	31-10-23
B	WC	Details noted	19-11-22
A	WC	Timber framing repairs noted	30-08-22
o	WC	Preliminary Issue For Comment	30-06-22
Rev	Note		Date

client
Emma & James Richardson
project

Long Barn
Much Marcle
Herefordshire
drawing title
Section 9

project ref. 21035
drg no. 109
rev. D
scale 1:50 (A3)
date 20th June 2022

c2designs
chartered structural engineer
1 Yearsett Cottage, Linley Green, Whitbourne, Worcs, WR65RQ
t_01886 884857 | m_07432 200925 | e_ian@c2designs.co.uk