

Apple barn roof plan
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- Existing structure notes:
- Existing timber joists and beams to be retained if in good condition. If not, joists require remedial repairs in the form of one of the following:
 - Doubling up of joists to strengthen existing timber. Refer to details sheet S-1355.
 - Strengthening existing timber using spliced connections. Refer to details sheet S-1355.
 - Full replacement of timber. Refer to details sheet S-1355.
 - Existing floor spans assumed based on limited opening up works. Floor spans to be checked on site. If differences are noted, contact structural engineer.
 - Existing timber lintels assumed over all doorways and windows. Where in good condition, existing external stone lintels to remain. Where lintels have failed, lintels to be replaced with similar.
 - New 600 wd x 600mm dp strip foundations below all new masonry walls.
 - Existing foundation levels interpreted from trial pit visual inspection. Structural engineer to be notified immediately of variation from assumed levels.

Legend:

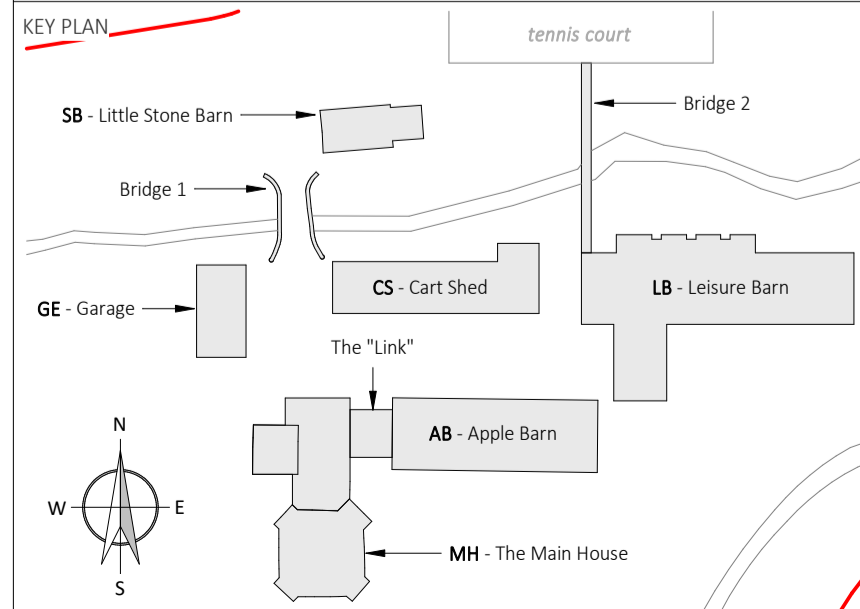
- - - - - Indicates existing beams / columns as per Architectural information
- ▨ Indicates existing masonry
- ▨ Indicates proposed masonry walls
- ▨ Indicates proposed timber walls
- ▨ Indicates new Naylor lintel
- ▨ Indicates new stone lintel
- ⊥ Indicates existing steel column
- ▨ Indicates new timber lintel
- ▨ Indicates new oak lintel
- ▨ Indicates new timber stud wall
- ▨ Indicates existing timber stud wall

Span arrow key - Main House & Apple Barn

- ↔ New 200mm concrete ground bearing RC slab
- ↔ Existing 200mm thick RC slab
- ↔ Existing 200 dp x 65mm wd C24 joists @ 450mm c/c approx.
- ↔ Existing build-up to be replaced. Existing timber joists to be retained
- ↔ New 250 dp x 47mm wd C24 joists @ 400mm c/c with 12mm plyboard
- ↔ New 50 x 5mm LK35BP steel safegrid to manufacturers details
- ↔ New 200 dp x 50mm wd C24 rafter @ 400mm c/c 2 x 9mm thick plyboard lapped
- ↔ New 100 dp x 44mm wd C24 rafters @ 400mm c/c with 15mm plyboard
- ↔ New 150 dp x 47mm wd C24 rafters @ 400mm c/c with 12mm plyboard

Lintel key - MH & AB

L01	New 100 dp x 100mm wd Naylor lintel. Number of to suit wall thickness unless otherwise noted
L02	New 215 dp x 100mm wd Naylor lintel. Number of to suit wall thickness unless otherwise noted
L03	New steel L angle lintel - to be curved to match stone arches where required
L04	New timber C24 lintel
L05	New Catnic special steel lintel
L06	New stone lintel



- NOTES
- All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
 - This drawing is to be read in conjunction with all relevant engineers' and service engineers' drawings and specifications. This drawing is copyright.

REVISIONS

Rev.	Revision Notes	Date	Drawn By	Checked / Approved By
P05	A3 - RIBA Stage 3 updated	22.03.2024	Sinead. G	Calum. J Miles. S
P04	A3 - RIBA Stage 3 updated	15.03.2024	Sinead. G	Calum. J Miles. S
P03	A3 - RIBA Stage 3	08.12.2023	Sinead. G	Calum. J Miles. S
P02	S4 - Suitable for stage 3 approval	01.12.2023	Sinead. G	Calum. J Miles. S
P01	S2 - For information	17.10.2023	Sinead. G	Calum. J Miles. S

CLIENT

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PROJECT

West Bradley House

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TITLE

Apple barn roof plan

HYDROCK PROJECT NO.

28421

SCALE @ A1

1:50

STATUS DESCRIPTION

RIBA Stage 3

DRAWING NO.

WBH-HYD-AB-RF-DR-S-1012

STATUS

A3

REVISION

P05