

Apple barn first floor plan
1 : 50

- 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.

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

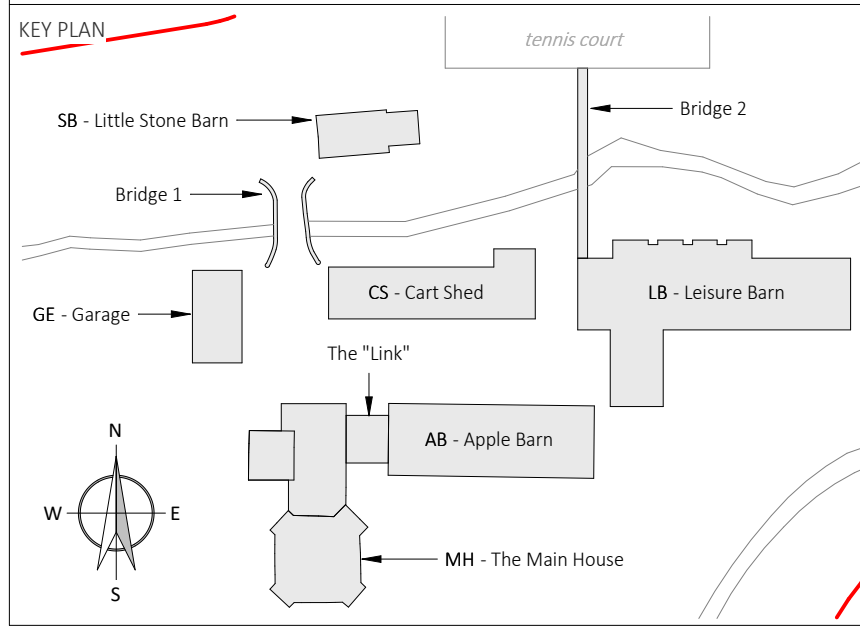
New 50 x 5mm LK35BP steel safegrid to manufacturers details

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

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TITLE	Apple barn first floor plan	
HYDROCK PROJECT NO.	28421	SCALE @ A1 1:50
STATUS DESCRIPTION	RIBA Stage 3	STATUS A3
DRAWING NO.	WBH-HYD-AB-01-DR-S-1011	REVISION P05