

Apple barn foundation and ground 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

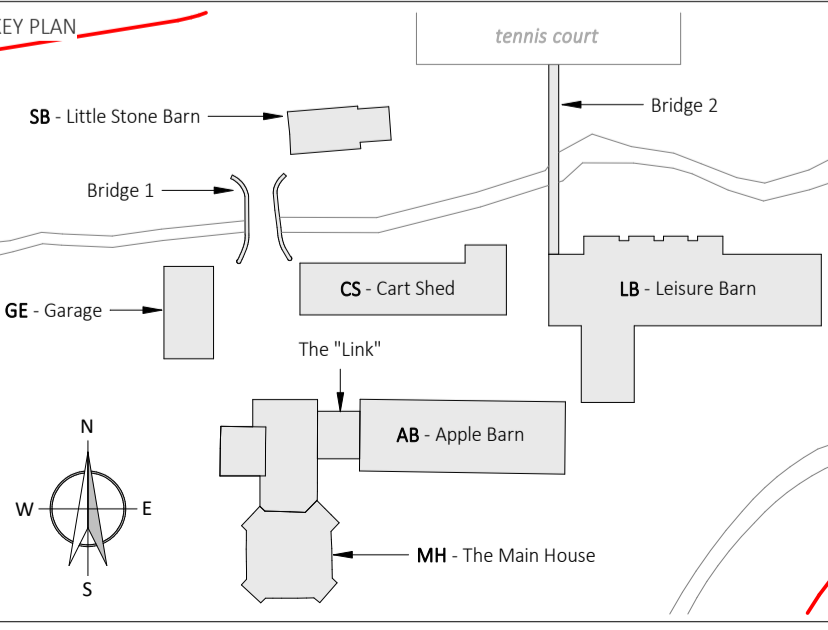
Indicates new timber stud wall

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 LK358P 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 | Check | Approved By |
|------|----------------|------|----------|-------|-------------|
|      |                |      |          |       |             |

| Rev. | Revision Notes                     | Date       | Drawn By  | Checked  | Approved By |
|------|------------------------------------|------------|-----------|----------|-------------|
| 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  
Mr. and Mrs T Steyn

PROJECT  
West Bradley House

TITLE  
Apple barn foundation and ground floor plan

|  |                    |
|--|--------------------|
| HYDROCK PROJECT NO.<br>28421           | SCALE @ A1<br>1:50 |
| STATUS DESCRIPTION<br>RIBA Stage 3     | STATUS<br>A3       |
| DRAWING NO.<br>WBH-HYD-AB-ZZ-DR-S-1010 | REVISION<br>P04    |

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