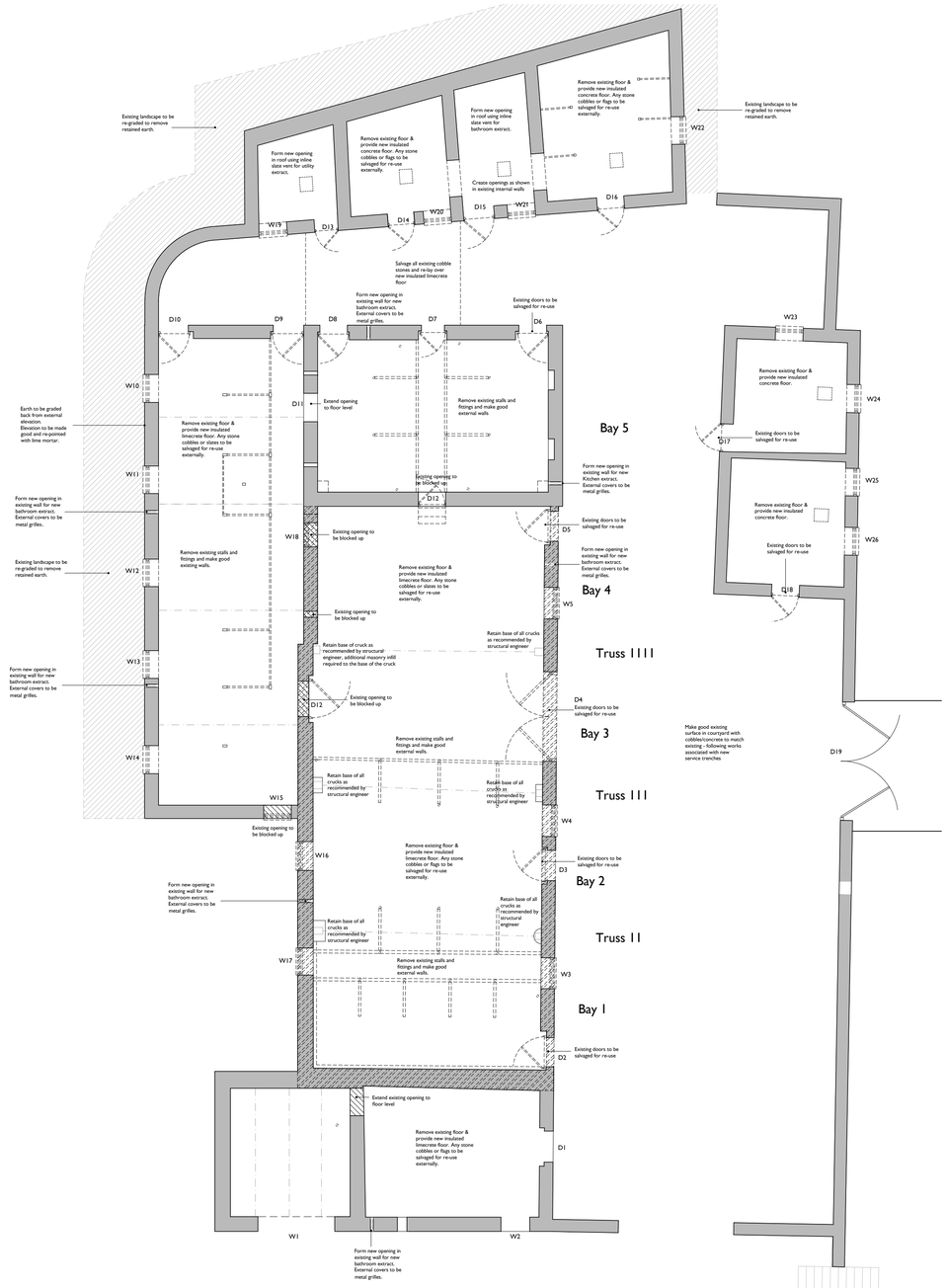


Roof Structure

Bay 1
- rafters approx 60mmx90mm at 375mm centres.
- decay evident in top of ridge beam at south end. Allow for inspection of beam following removal of slates and battens.
- Check all wedges between rafters and purlins and provide new wedges as necessary.

East side
- timber wallplate 170mm deep x 140/160mm wide.
- Provide new oak tenon to upper wind brace
- section of rafter 1 below lower purlin decayed. Provide new oak rafter along side existing rafter.
- Provide new oak lintol to inner leaf - over window W6.

West side
- upper wind brace missing - provide new oak brace.
- re-fix loose lower wind brace.
- no wall plate - rafters packed off wall head with stone slips. Allow for provision of new oak wallplate and minor alterations to rafter feet to accomodate wallplate.

Bay 2
- Check all wedges between rafters and purlins and provide new wedges as necessary.

East side
- timber wallplate 170mm deep x 140/160mm wide. Rafters to lower section approx 75mm x 60mm at 400 mm centres. upper rafters approx 95mm x 55/50mm
- decay evident to rafter feet of 2, 5, 7 & 10. Allow for provision of new oak rafters below lower purlin.
- decay evident to rafters 4 & 11. Allow for provision of 2no. new oak rafters between upper and lower purlins.
- Upper ends of the rafters are cut over the ridge - which has significantly reduced the size/strength of the rafters. Allow for doubling up 50% of the rafters with the provision of new oak rafters along side.

West side
- rafters generally approx 95mm x 55mm but 3no. only 75mm x 50mm
- rafter 2 has failed and the ends of other decayed and displaced. Provide new oak wallplate and new oak rafters below lower purlin.
- lower wind braces missing - provide 2no. new oak braces.
- Decay evident to rafters 5, 6, 7 & 8 between upper and lower purlins. Allow for provision of 4no. new oak rafters between upper and lower purlins.
- lower ends of 5no. rafters above the upper purlin are displaced. Re-align and fix rafter ends to purlin.

Bay 3
- Check all wedges between rafters and purlins and provide new wedges as necessary.

East side
- timber wallplate propped off timber lintol. Infill between wallplate and timber lintol with stone/lime mortar
- Allow for provision of new oak rafter alongside rafter 12.

West side
- rafters generally modern SW approx 60mm x 70mm
- Provide new oak wallplate
- Rafter no. 4 at eaves level decayed. Allow for new oak rafter
- Rafter no. 5 between upper purlin and ridge decayed. Allow for new oak rafter

Bay 4
- Check all wedges between rafters and purlins and provide new wedges as necessary.

East side
- Timber wallplate
- Extensive decay at junction between wall post and tie beam below Truss V. Carefully cut out decayed timber and allow for joinery repairs.
- Rafter no. 8 at eaves level decayed, allow for provision of new oak rafter
- Rafter no. 13 at between ridge and upper purlin decayed, allow for provision of new oak rafter

West side
- rafters generally modern SW approx 60mm x 70mm
- Provide new oak wallplate
- Rafter no. 7 at eaves level decayed, allow for provision of new oak rafter

Bay 5
- Check all wedges between rafters and purlins and provide new wedges as necessary.

East side
- Provide new oak wallplate
- Rafter nos. 4, 5, 6 & 11 at eaves level decayed, allow for provision of new oak rafters
- Rafter no. 6 at between lower and upper purlins decayed, allow for provision of new oak rafter

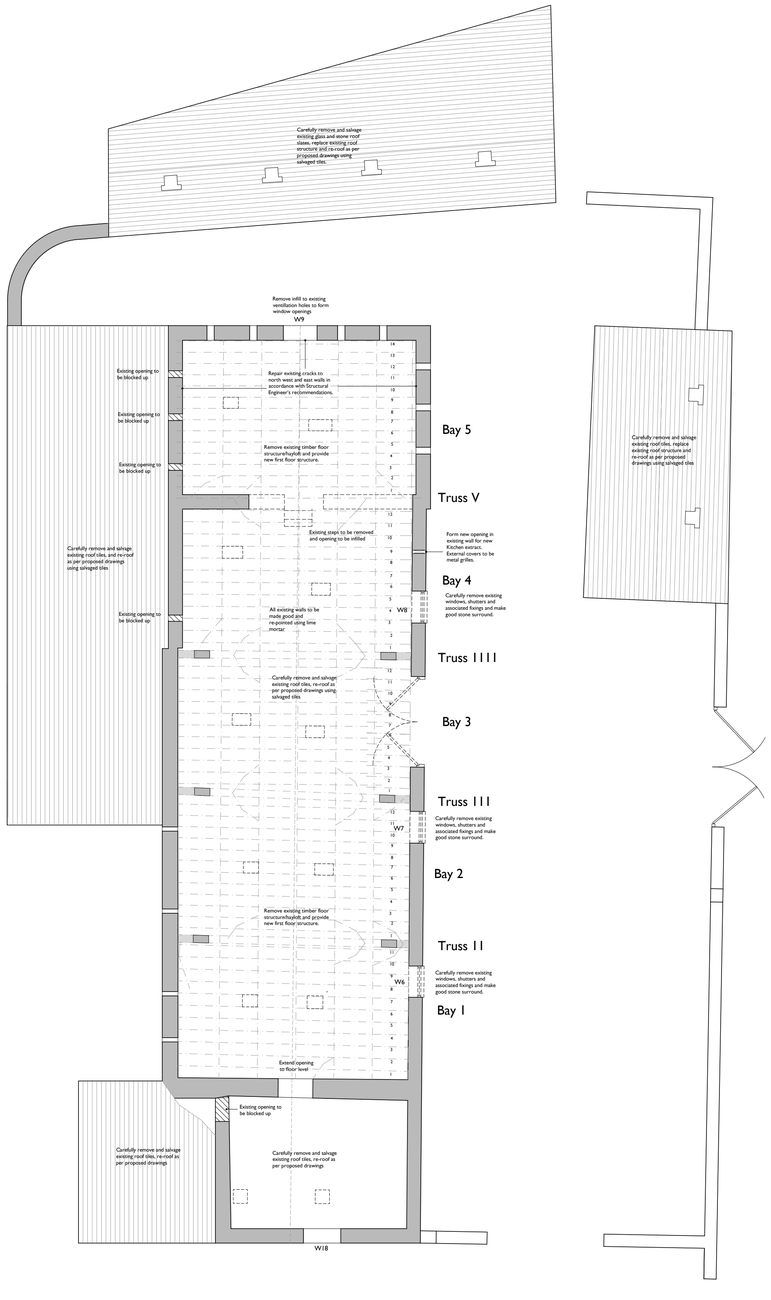
West side
- Provide new oak wallplate
- Rafter nos. 8, 9 & 14 at eaves level decayed, allow for provision of new oak rafters
- Allow for 1m long splice repair to north end of upper purlin

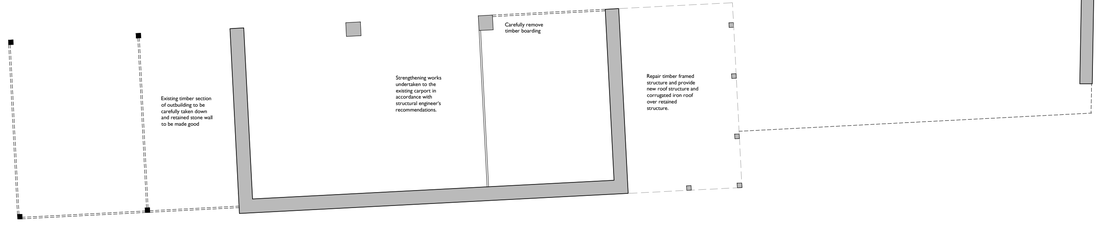
General note:

All existing windows to be carefully removed and window surround made good.
All structural re-inforcing measures to be undertaken as per structural engineer's recommendations
All stone walls to be re-pointed using lime mortar

KEY:

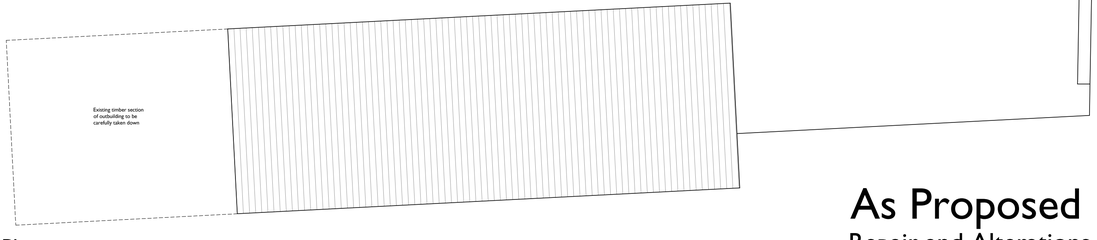
Shows sections of walls to be underpinned





Ground Floor Plan

1:100 SCALE BAR
0 .5 1 2 3 5 Metres



First Floor Plan

As Proposed
Repair and Alterations

Surveys provided by PGB Architectural Services Ltd.

WoodhallPlanning and Conservation Ltd

Figured dimensions only to be taken from this drawing. All dimensions to be checked on site and any discrepancies should be reported to the architect immediately.

REVISIONS:
A 24.01.13 HJW/SA
Roof structure added to drawing, minor amendments to openings for extracts to suit revised internal layout.

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Scale: 1 - 100 @ A1
Date: 17-05-12
Drawn: HJW
Dwg no.: 2647 -01 -200A