

All dimensions are to be checked on site before any work proceeds. Do not scale this drawing but use only figured dimensions. Any errors or omissions are to be reported to 51%.

The Contractor shall submit full size drawings and specifications to 51% for approval, without which, manufacture shall not commence.

This drawing is to be read in conjunction with all the relevant consultants' and/or specialists' drawings/documents, and any discrepancies or variations are to be notified to 51% before work commences.

For further information please see other drawings and documents enclosed with this drawing. For information on Structure use Engineer's drawings. For further information on Services use Engineer's and/or Contractor's drawings.

Historic damage has been revealed caused by introducing the dormers and removing the original in-plane diagonal bracing.

The cutting of the bracing has removed the original truss action in the roof structure and increased loading on the existing perlin.

This has caused them to creep over time and required the addition of significant firrings in the recent past.

To form the dormers the bracing and rafters were cut and as a result the purlin is undersized for its current use.

51

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For Planning
RIBA Stage
**Timber Condition
Survey - Rear Elevation**

Scale 1:50 @ A2
Drawn by PT, 2021_02_18

Issue Notes:

R0: 100mm x 50mm modern timber with 100 x 50 timber noggin at ridge beam

R1: 90mm x 60mm original timber

R2: 95mm x 70mm with 25mm firring on top

R3: 95mm x 60mm with 40mm firring on top with 100 x 50 modern timber tie above purlin

R4: 95mm x 60mm with 50mm firring on top

R5: 80mm x 60mm with 55mm firring on top with 100 x 50 modern timber tie above purlin

R6: 100mm x 55mm with 60mm firring on top

R7: 85mm x 60mm with 60mm firring on top

R8: 80mm x 60mm with 55mm firring on top with 100 x 50 modern timber tie above purlin level

R9: 100mm x 70mm notched over puhrlin

R10: 100mm x 70mm cut and trimmed for rooflight with 15mm firring, with 100 x 50 modern timber tie above purlin level from which a vertical strut to the ridge beam has been added.

R11: Rafter fractured and missing at the top. 95mm x 60mm

R12 100mm X 65mm over spine wall.

R13: 100mm x 60mm with 30mm firring on top and 100 x 50 modern timber tie.

R14: 100mm x 60mm original timber, with 45mm firring on top

R15: 100mm x 60mm with 70mm firring on top

R16: 95mm x 70mm with 90mm firring on top with 100 x 50 modern timber tie above purlin level

R17: 95mm x 60mm with 90mm firring on top

R18: 95mm x 75mm with 100mm firring on top.

R19: 100mm x 60mm with 95 mm firring on top

R20: 95mm x 75mm with 80mm firring on top.

R21: 120mm x 60mm, over fractured purlin with 65mm firring on top

R22: 90mm x 105mm above purlin and 100mm x 50mm below purlin.

R23: 95mm x 65mm with no firring braced into end framing

R24: 95mm x 60mm

R0 R1 R2 R3 R4 R5 R6 R7 R8 R9 R10 R11 R12 R13 R14 R15 R16 R17 R18 R19 R20R21 R22 R23 R24

