

EXISTING SUPPORT TO ENDS TO PURLINS PROVIDED BY COLLAR. COLLAR SUPPORT TO BE ENHANCED WITH NEW OAK COLLAR & DOUBLED UP RAFTERS.

NEW ROOFLIGHT. CUT MINIMUM NO OF EXISTING COMMON RAFTERS AND RESUPPORT OFF TRIMMER SPANNING ACROSS TO DOUBLED UP RAFTERS OTHER SIDE.

ALLOW FOR NEW COMMON RAFTERS R1 IN THIS AREA WHERE WATER INGRESS WAS OCCURRED. ALLOW 70x100mm DEEP OAK AT HSOLC.

ADDITIONAL EXTG PLATE SANDWICHED BETWEEN RAFTERS OF LEAN TO & STABLE.

STIFFEN EXISTING DEFLLECTED PURLIN WITH NEW 100x200mm DEEP OAK PURLIN.

WATCHING DENOTES 18mm PLY SHEETING FIXED TO TOP FACE OF RAFTERS.

RETAIN HEAVILY DEFLLECTED HARDWOOD COMMON RAFTERS TO LEAN-TO. REPLACE LATER ADDED SOFTWOOD RAFTERS WITH NEW 75x100mm DEEP RAFTERS IN OAK PLACED AGAINST FACE OF RETAINED RAFTERS.

INTRODUCE 50x50mm SOLID OAK BLOCKING PIECES BETWEEN NEW RAFTERS OVER WALL PLATE & PURLIN LINGS.

ADD 50x100mm STUDS TO TOP FACE OF WALL PLATE & PROP U/S OF COMMON RAFTERS OVER. SEE SECTION M-M, DRAWING 0142-18.

TOP LINE OF EXTG RAFTERS TO LEAN-TO. CHECK SECURELY SCREW FIXED TO RAFTERS UNDER.

STIFFEN EXISTING DEFLLECTED PURLINS WITH NEW 75x150mm DEEP OAK PURLINS.

EXTG PURLINS TO BE STIFFENED WITH NEW 100x200mm DEEP OAK PURLINS PLACED ALONG SIDE AND SUPPORTED OFF NEW OAK STRUTS.

INTRODUCE 50x50mm SOLID OAK BLOCKING PIECES BETWEEN COMMON RAFTERS OVER WALL PLATE & OVER PURLIN LING, ALONG FULL LENGTH OF ROOF.

INTRODUCE 25x125 OAK WIND BRACES TO U/S OF RAFTERS

# NOTES

- This drawing is to be read in conjunction with all relevant architect's and engineer's drawings and the specification.
- This drawing is based on existing plans of the building prepared by Baker Brown dated Aug 2021.

Rev Date Amendment

11.04.25 ISSUED FOR COMMENT

Project: Barn at Brook Farm, Brook Street, Cuckfield

Sketch title: Proposed Roof Plan

Sketch No: 0142 / 13

Rev:

Andrew Turner  
Engineering

Date: Apr 2025

Scale: 1:50 at A3 Size