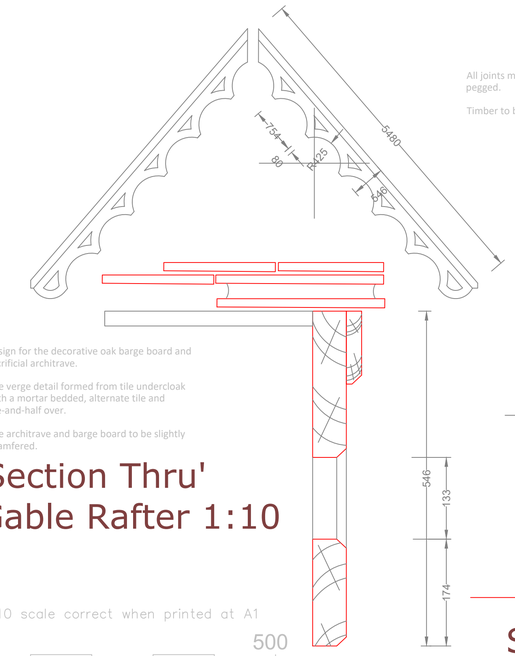
Elevation of Gable Rafter 1:50



Design for the decorative oak barge board and sacrificial architrave.

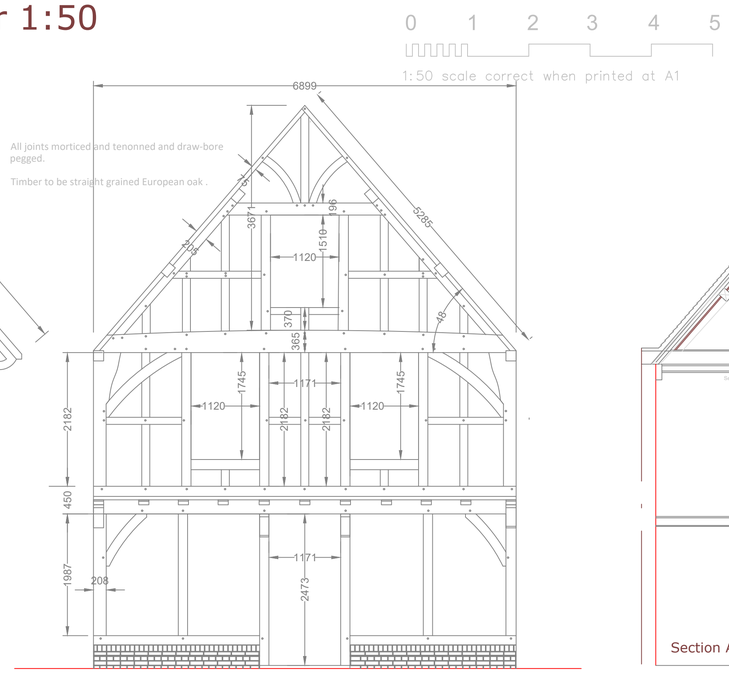
The verge detail formed from tile undercloak with a mortar bedded, alternate tile and tile-and-half over.

The architrave and barge board to be slightly chamfered.

Section Thru' Gable Rafter 1:10

1:10 scale correct when printed at A1

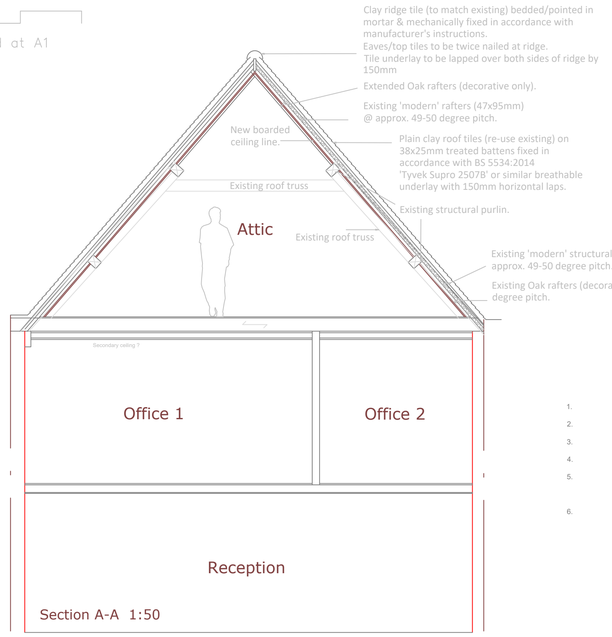
0 500



South Elevation Framing 1:50

0 1 2 3 4 5

1:50 scale correct when printed at A1



Section A 1:50

Details of roof insulation above original oak framing

Plain clay tiles (re-use existing) on 38x25mm treated battens fixed in accordance with BS 5534:2014 & tile manufacturer's instructions.
'Tyvek Supro 2507B' breathable underlay with 150mm horizontal laps.
Provide at least 15mm gap over top of insulation boards to allow for drape of tile underlay.

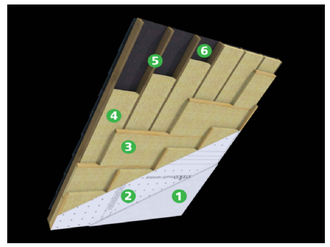
47x95mm existing rafters.



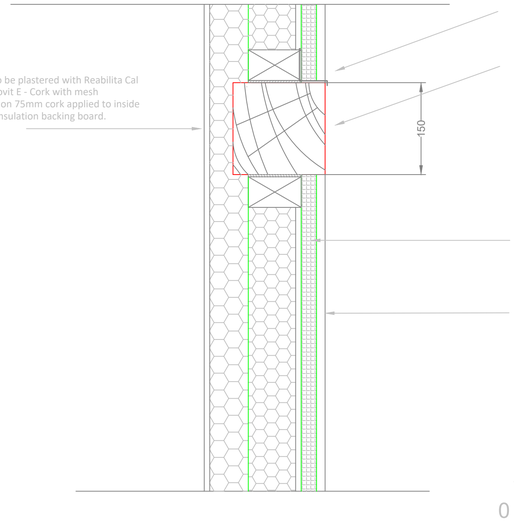
50mm Woodfibre insulation slabs between rafters.
50mm Woodfibre insulation slabs over rafters.
50mm Woodfibre insulation slabs over rafters.

18mm V-groove FR decorative Birch plywood panelling fixed through insulation layer into existing rafters.
Flame retardant plywood panelling to achieve 'Euroclass B' BSEN13501-1
500g polythene vapour control layer between plywood panelling & insulation layer.
'U-Value' 0.18 W/sq.mK
PIR rafter insulation boards to achieve Thermal Conductivity of 0.022 W/mK, or better.

Rafter Insulation Method NTS



1. 12.5mm plasterboard
2. STEICO multi renova vapour control membrane for refurbishments
3. 50mm STEICOflex 036 with battens @ 600mm centres
4. 50mm STEICOflex 036 with cross battens @ 600mm centres
5. 50mm STEICOflex 036 between rafters @ 400mm centres (38 x 100). Allows for 50mm ventilation zone within the rafter depth.
6. Bitumen felt above rafter, battens and tiles



Internal face to be plastered with Reabilita Cal AC finish on Isovit E - Cork with mesh reinforcement on 75mm cork applied to inside of woodwool insulation backing board.

At cills and horizontal oak frame members add a code 4 lead or 20gge copper tray and drip dressed behind the render and woodwool slab with a vertical face of 75mm.

The oak frame to remain exposed on the external face.

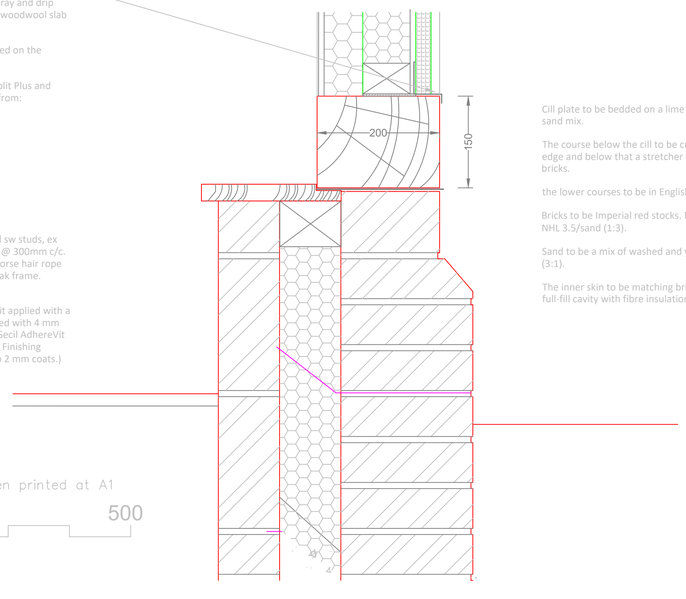
External render and 25mm Savolit Plus and woodwool slab are obtainable from:

Mike Wye Associates
Buckland Filleigh Sawmills
Shebbear Beaworthy
Devon EX21 5RN
Tel: 01409 281644
Fax: 01409 281669
Email: sales@mikewye.co.uk
www.mikewye.co.uk

Woodwool slab fixed to treated sw studs, ex 50x83mm, using s/steel screws @ 300mm c/c. The studs to be fixed through horse hair rope to allow for movement in the oak frame.

The render to be Secil AdhereVit applied with a notched trowel @ 3 mm, covered with 4 mm glass fibre mesh, covered with Secil AdhereVit @ 3 mm and finished with Secil Finishing Render @ 4 mm (applied in two 2 mm coats.)

Wall Cladding Detail 1:10



Cill plate to be bedded on a lime putty/soft sand mix.

The course below the cill to be cut headers on edge and below that a stretcher course of cill bricks.

the lower courses to be in English bond.

Bricks to be Imperial red stocks. Mortar to be NHL 3.5/sand (1:3).

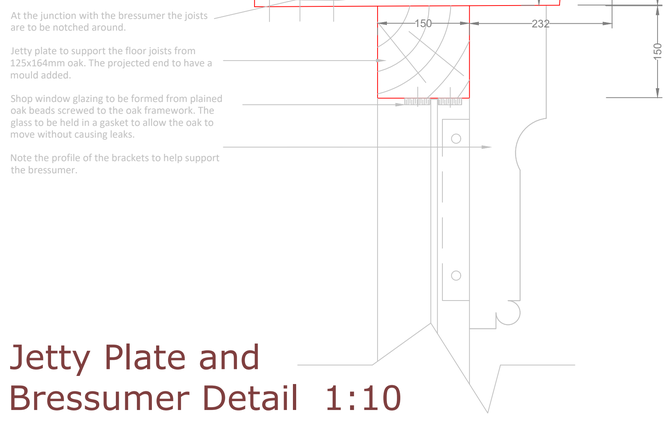
Sand to be a mix of washed and yellow pit sand (3:1).

The inner skin to be matching bricks with a full-fill cavity with fibre insulation slabs.

1:10 scale correct when printed at A1

0 500

Shop window Plinth Detail 1:10



Existing steel beams to remain.

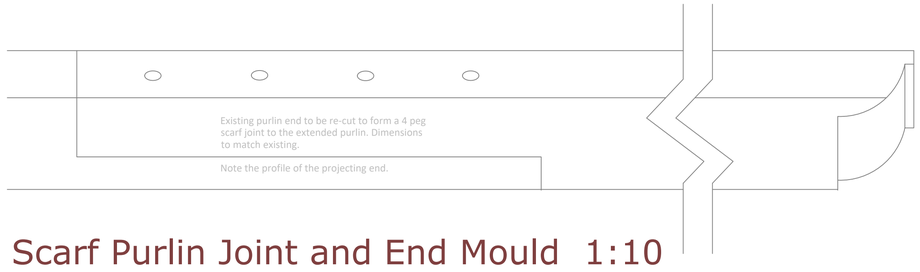
At the junction with the bressumer the joists are to be notched around.

Jetty plate to support the floor joists from 125x164mm oak. The projected end to have a mould added.

Shop window glazing to be formed from plained oak beads screwed to the oak framework. The glass to be held in a gasket to allow the oak to move without causing leaks.

Note the profile of the brackets to help support the bressumer.

Jetty Plate and Bressumer Detail 1:10



Existing purlin end to be re-cut to form a 4 peg scarf joint to the extended purlin. Dimensions to match existing.

Note the profile of the projecting end.

Scarf Purlin Joint and End Mould 1:10

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Rev	Date	Description

Do not scale from drawings, use dimensioned figures only and report any discrepancies to the Architect's office.

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Drawings to be read in conjunction with Consultant Structural Engineer's details.

Title : Proposed Alterations at 44 Silver Street Salisbury SP1 2NE

Drawing : Proposed South Elevation, Section and Details

Scale : 1:50 and 1:10 @ A1
Drawn : GS
Date : May 2023

Drawing No. 1289.P.04

Revision