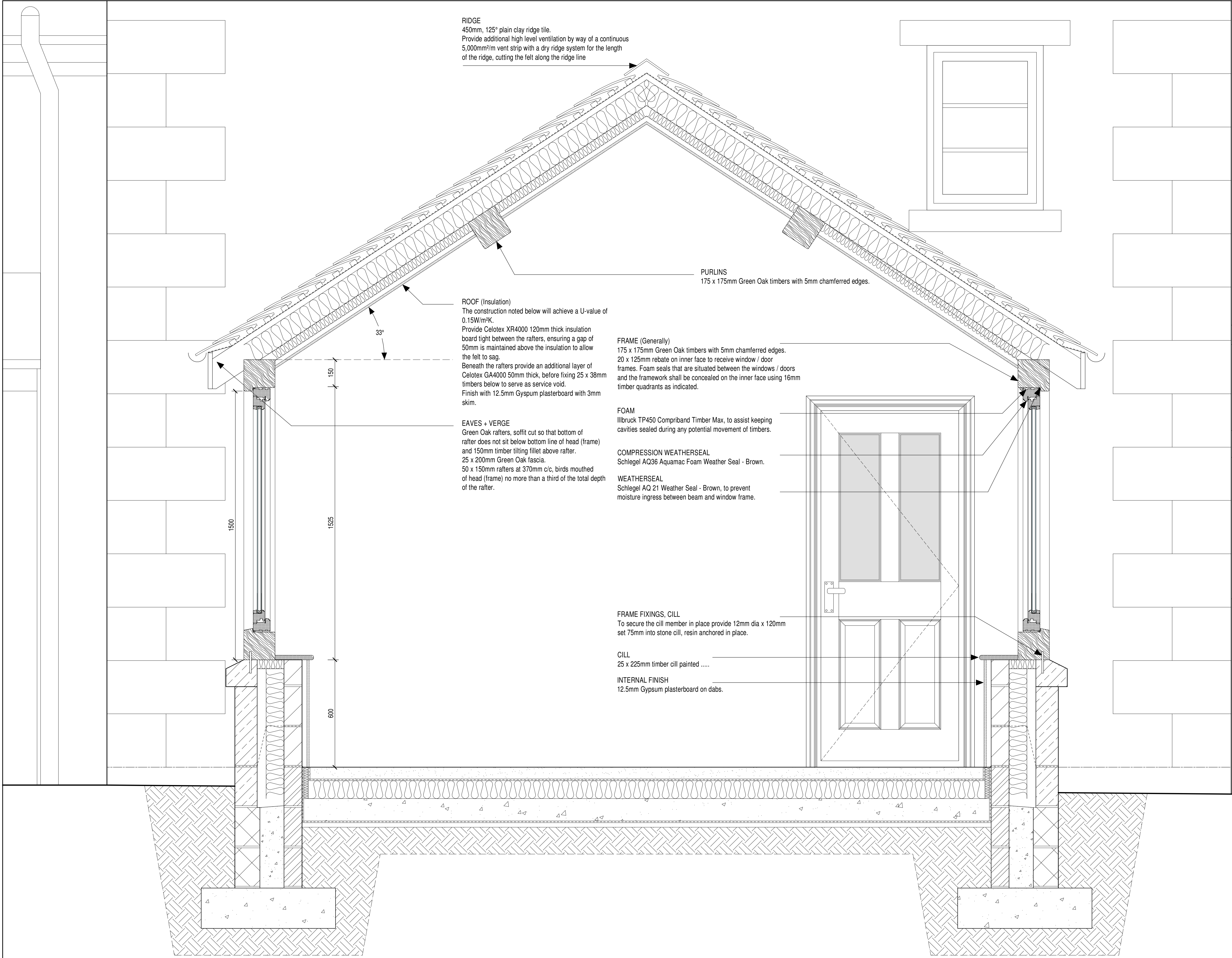




RIDGE
450mm, 125° plain clay ridge tile.
Provide additional high level ventilation by way of a continuous
5,000mm²/m vent strip with a dry ridge system for the length
of the ridge, cutting the felt along the ridge line

PURLINS
175 x 175mm Green Oak timbers with 5mm chamfered edges.

ROOF (Insulation)
The construction noted below will achieve a U-value of
0.15W/m²K.
Provide Celotex XR4000 120mm thick insulation
board tight between the rafters, ensuring a gap of
50mm is maintained above the insulation to allow
the felt to sag.
Beneath the rafters provide an additional layer of
Celotex GA4000 50mm thick, before fixing 25 x 38mm
timbers below to serve as service void.
Finish with 12.5mm Gypsum plasterboard with 3mm
skim.

EAVES + VERGE
Green Oak rafters, soffit cut so that bottom of
rafter does not sit below bottom line of head (frame)
and 150mm timber tilting fillet above rafter.
25 x 200mm Green Oak fascia.
50 x 150mm rafters at 370mm c/c, birds mouthed
of head (frame) no more than a third of the total depth
of the rafter.

FRAME (Generally)
175 x 175mm Green Oak timbers with 5mm chamfered edges.
20 x 125mm rebate on inner face to receive window / door
frames. Foam seals that are situated between the windows / doors
and the framework shall be concealed on the inner face using 16mm
timber quadrants as indicated.

FOAM
Illbruck TP450 Compriband Timber Max, to assist keeping
cavities sealed during any potential movement of timbers.

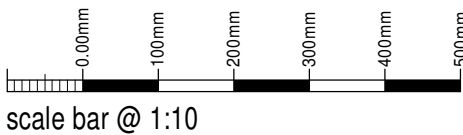
COMPRESSION WEATHERSEAL
Schlegel AQ36 Aquamac Foam Weather Seal - Brown.

WEATHERSEAL
Schlegel AQ 21 Weather Seal - Brown, to prevent
moisture ingress between beam and window frame.

FRAME FIXINGS, CILL
To secure the cill member in place provide 12mm dia x 120mm
set 75mm into stone cill, resin anchored in place.

CILL
25 x 225mm timber cill painted

INTERNAL FINISH
12.5mm Gypsum plasterboard on dabs.



Mr & Mrs Benson

Proposed Rear Extension + Alts
Brook Cottage,
The Village, Endon,
Stoke-on-Trent, ST9 9EY

Planning Conditions
Sunroom - Cross Section

Date	June 2025	Sheet	A1	Scale	1:10
Dwg No	2024-2943-06	Rev.	A	Drawn	NAW

A-01072025 - INTERNAL DOORSET DETAILED

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