

DESIGN & ACCESS STATEMENT

We are wanting to install a carbon neutral SIA eco design ready wood burning stove. We have had a visit from Guy Barker Hall on the most suitable placement of the stove in our lounge and he has advised to have it on an interior wall with the flue running through the eaves. This will mean the pipe will protrude the house on the front roof elevation. To minimise the visual impact he will use non reflective black 6" pipe which will blend in better with our roof which is grey Redland Mini Stonewold. As our house is not on a public highway/footpath the impact will be minimal. The nearest highway that would give a view of the front of our property would be at Sandy Banks on Telegraph Road.

he exact placement of the flue depends on where the rafters fall so a little bit of wiggle room is necessary. The flue will be the height of the ridge or a smidge above as per regulations <https://www.stovesonline.co.uk/flue-outlet-height.html>

The spec of the flue as per the quote from Guy is: 4 metres of 6" Poujoulet TI rigid wall black liner.

Hi Sonia

We will be making an opening in the roof to make a route for the flue through the existing eave storage space into the lounge. This will involve removing the roof tiles and cutting through the damp proof membrane. Both of these to be replaced and made good once the flue is in.

There will be a lead slate on the roof surface through which the flue will pass. This will then have a storm collar attached to prevent any water ingress.

The exterior flue will be factory powdered coated black and topped with a birdproof cowl. We will be choosing a route that doesn't require any alterations to the existing structural roof supports.

In my 15 years experience, I have never come across bats whilst installing a stove. I would think it too loud and generally they don't occupy a lived in building of this type!?? But I'm no expert!!

Might be best to have a chat with somebody from the Wildlife Trust there?

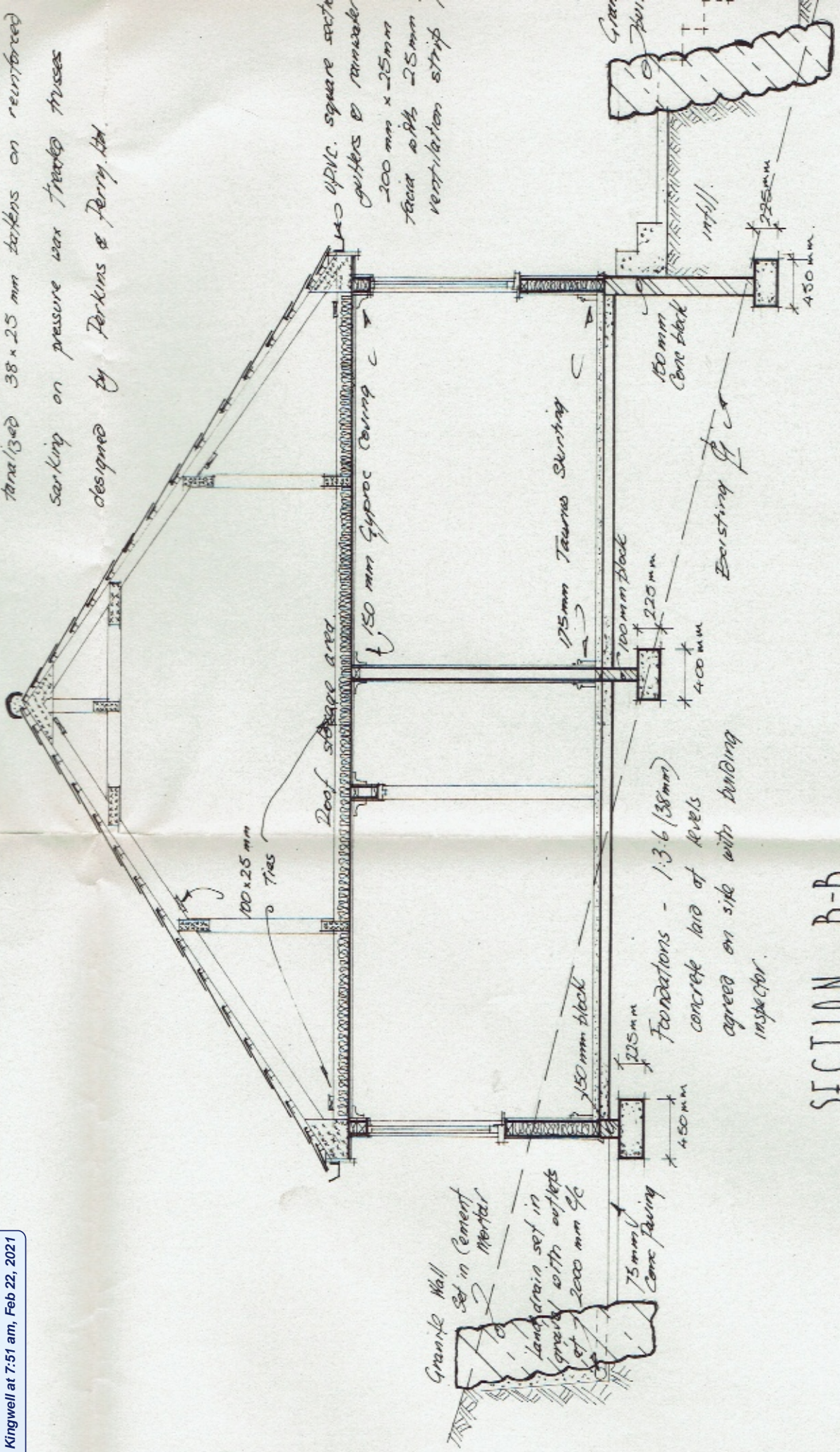
Hope this helps

Kind regards

Guy

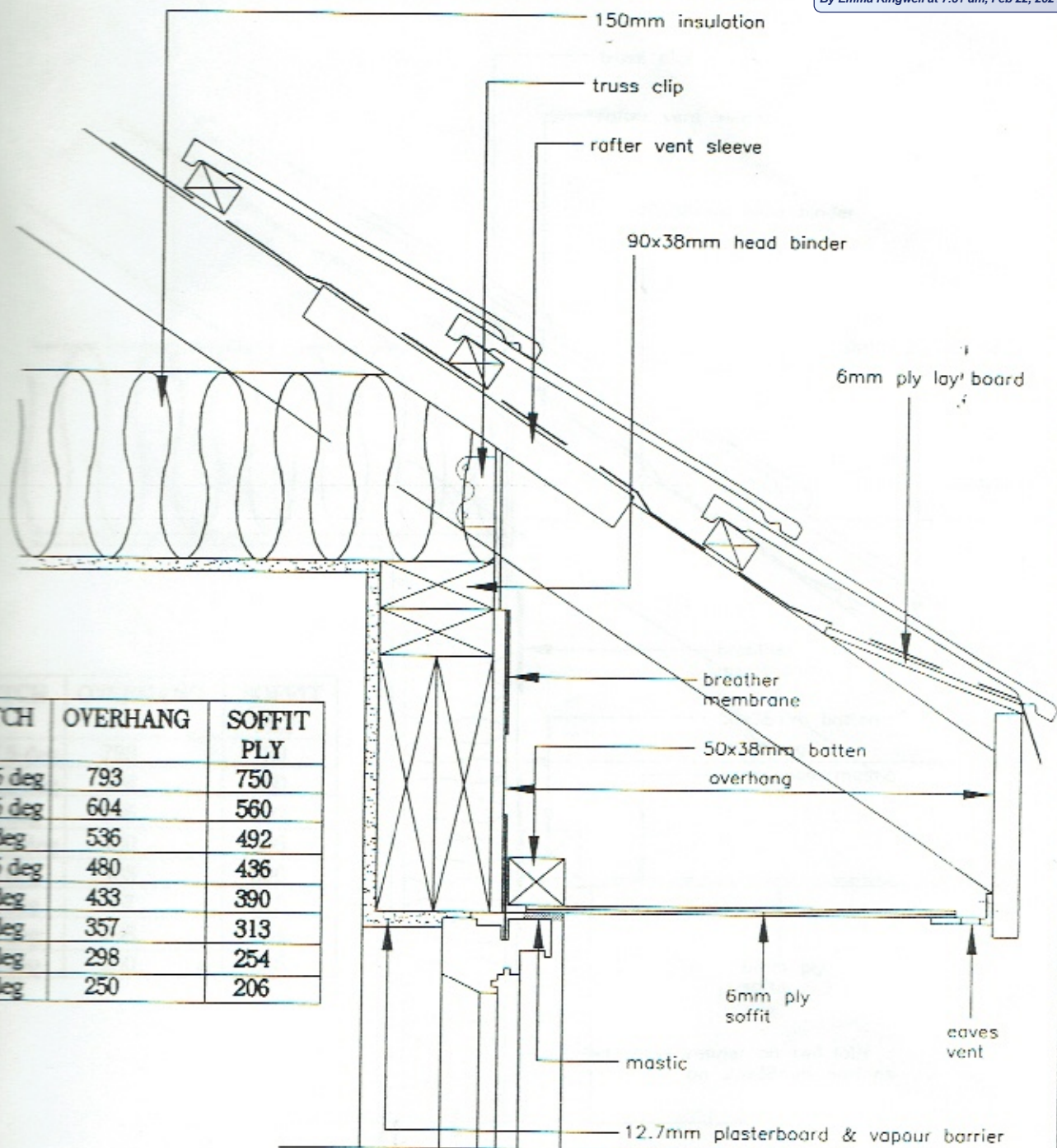
Guy Barker Hall
Chimney & Stove Services
www.guybarkerhall.co.uk

Roof - Redland concrete tiles on
 timbered 38 x 25 mm batten on reinforced
 sarking on pressure wax treated trusses
 designed by Perkins & Perry Ltd.



SECTION B-B

RECEIVED
 By Emma Kingwell at 7:51 am, Feb 22, 2021



PITCH	OVERHANG	SOFFIT PLY
17.5 deg	793	750
22.5 deg	604	560
25 deg	536	492
27.5 deg	480	436
30 deg	433	390
35 deg	357	313
40 deg	298	254
45 deg	250	206

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DIMENSIONS & DATA TO BE CHECKED ON SITE

ANY DISCREPANCY TO BE REPORTED TO FRAME HOMES (S.W.) L.T.D.

FRAME HOMES

ENERGY SAVING BUILDING

date: 12.11.96	detail: EAVES OVER WINDOW SOFFIT LEVEL WITH WINDOW HEAD TWIL LATH	scale: 1:5
drawn: DB		drp no: D3/3c

STATION ROAD PERRANPURTH CORNWALL TR6 0LH 01872 - 572802