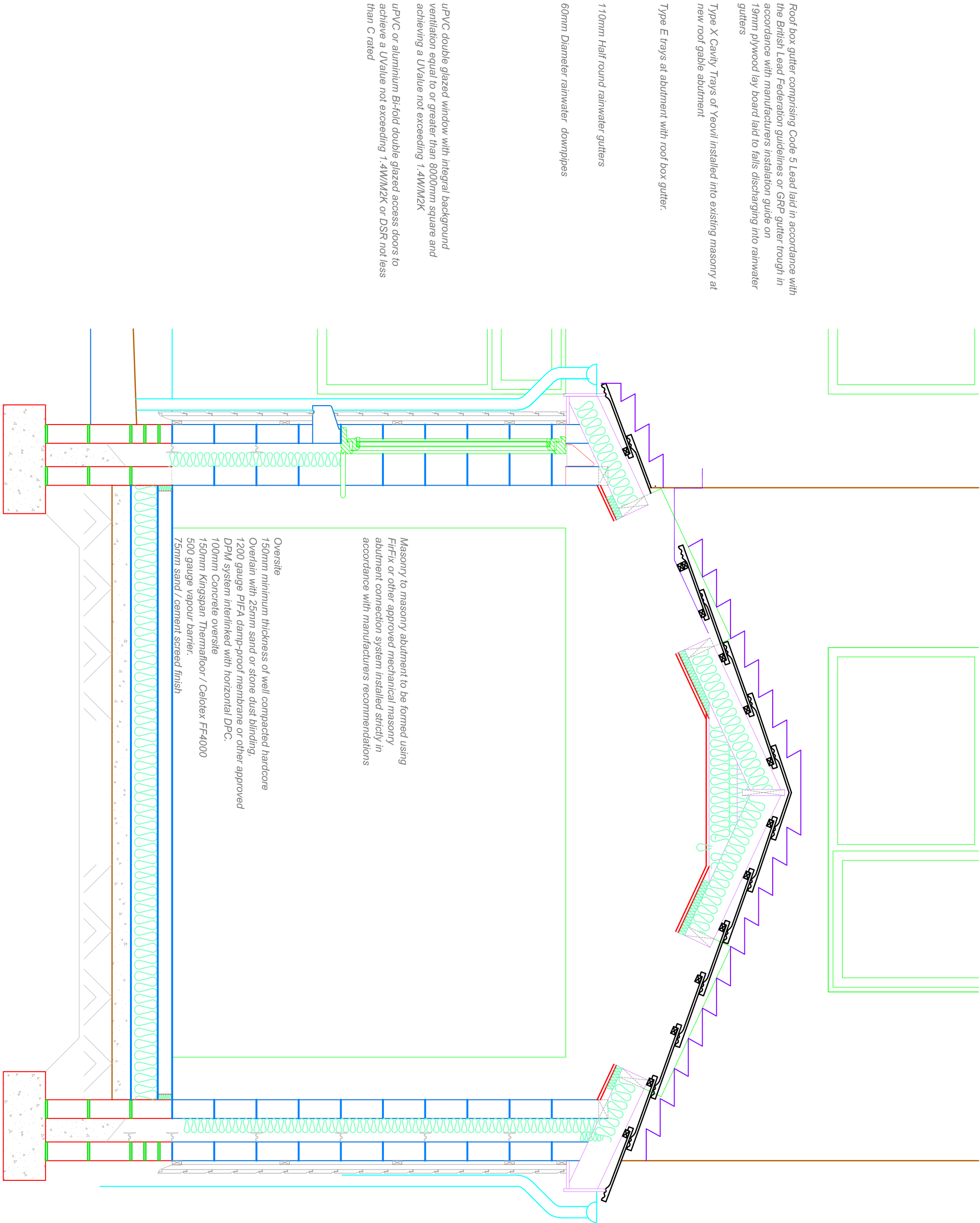




Roof.
Roof covering in a colour to match that of main property
On 25mm x 50mm treated battens complying to BS5534 Part 1 1990

On Klobar Fernolight permeable underlay on
50mm x 150mm C16 roof rafters at 400mm centres, birdsmouth
joined over and fixed to
50mm x 100mm walplates using Simpson StrongTie russ clips
50mm x 150mm C16 raised collar ceiling rafters at 400mm

Ceilings insulated with 100mm of Celotex XR 4000 or Kingspan
Kooltherm between rafters, with a further 50mm of Celotex
XR4000 or Kingspan beneath rafters
Overlay with a 12.5mm plasterboard with all joints filled and
taped and finished with a 3mm dense plaster skim.

Fascia, soffit and barge boards to be of uPVC and sized to suit
roof rafter section sizes

Type X Cavity Trays of Yeovil installed into existing masonry at
new roof gable abutment
Type E trays at abutment with roof box gutter.

Superstructure.
Marley CEDRAL cladding system on 25mm x 50mm counter
battens on 25mm x 50mm battens on
100mm dense concrete blocks laid in a 1-1-6 cement, lime,
sand mortar

50mm clear cavity 75mm Celotex or Kingspan partial fill
insulation on 100mm Celcon Solar, Durox or Thermalle Turbo
aerated concrete block laid in a 1-1-6 cement, lime, sand mortar
12.5mm plasterboard on plaster dabs finished with a 3mm
dense plaster skim to achieve a U Value of 0.20W/m2 K or
better. Cavity to be closed at head, eaves and gables with
Rockwool QueFire or other approved closing system.

Stainless steel wall ties, at maximum 750mm horizontal and
450mm centres staggered on alternate courses. Ties to be
placed on each course of blockwork at reveals
Insulation retainers to be fitted in accordance with
manufacturers recommendations.

Lintels.

From the Caltric Cougar or G L/S range with minimum 150mm
end bearing and fully bedded on mortar and with DPC trays
installed as required by manufacturers recommendations. Weep
vents to be provided at a minimum of 2 per lintel or at a
maximum of 675mm centres. Caltric Type CL3 or C90 lintel stop
ends inserted as per manufacturers recommendations.
Internal finish to be 12.5mm British Gypsum wall board on
plaster dabs with all perimeters sealed. Joints to be taped and
filled to provide a finish suitable for direct decoration.

All Reveals are to be sealed using Cavity Trays of Yeovil Ltd
Type H, insulator damp proof course and cavity closer system

Substructure.
2 Skins of dense concrete block with a 125mm cavity filled to a
level 225mm below finished ground level

Note
Number of courses below ground level dependant on ground
conditions and requirements of inspecting authority.

Traditional Foundation.

All traces of topsoil contaminated and root material to be
removed prior to the installation. 600mm x 225mm dense
concrete foundations at a depth to be agreed by inspecting
authority.

100mm concrete block 125mm cavity 100mm concrete block
substructure masonry with cavity filled to within 225mm of
ground level

Title Front Entrance Hall Extension

At Yr Hafod
Heol y Mynydd
Cefn Coed
Merthyr
CF48 2NQ

Client Mr Matt Toon
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Drawing Section B - B

Revision No

Drawn J PUGH :: AG REED

Scale 1 / 100 :: 1 / 50

Date 18 / 03 / 2024

Amended