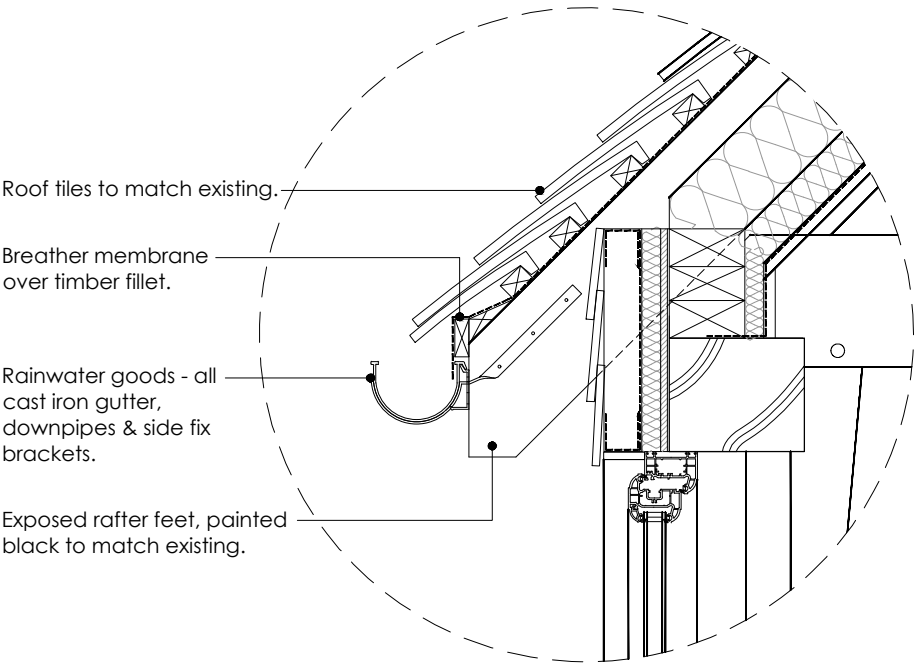




Eaves Detail
1:10



The image above depicts a separate barn structure (building 2) located elsewhere on the site. The eaves detail illustrated is consistent with the intended architectural treatment and serves as the reference standard for the desired design outcome.

Pitched Roof Construction
(Min U-value, 0.16w/m²k)
(Achieved U-value, 0.16w/m²k)

- 1) Clay roof tiles.
- 2) 38x25mm thick treated sw timber counter battens.
- 3) Tyvek Housewrap breather membrane.
- 4) 150mm thick timber rafters to Structural Engineers details
- 5) 100mm thick 'Recticel Eurothane GP' Insulation (between rafters).
- 6) 50mm thick 'Recticel Eurothane GP' insulation (below rafters, between timber battens).
- 7) Vapour control layer.
- 8) 1 no. layer of 13mm thick 'Gyproc Wallboard' or similar and plaster skim.

Rainwater goods - all cast iron gutter, downpipes & side fix brackets.

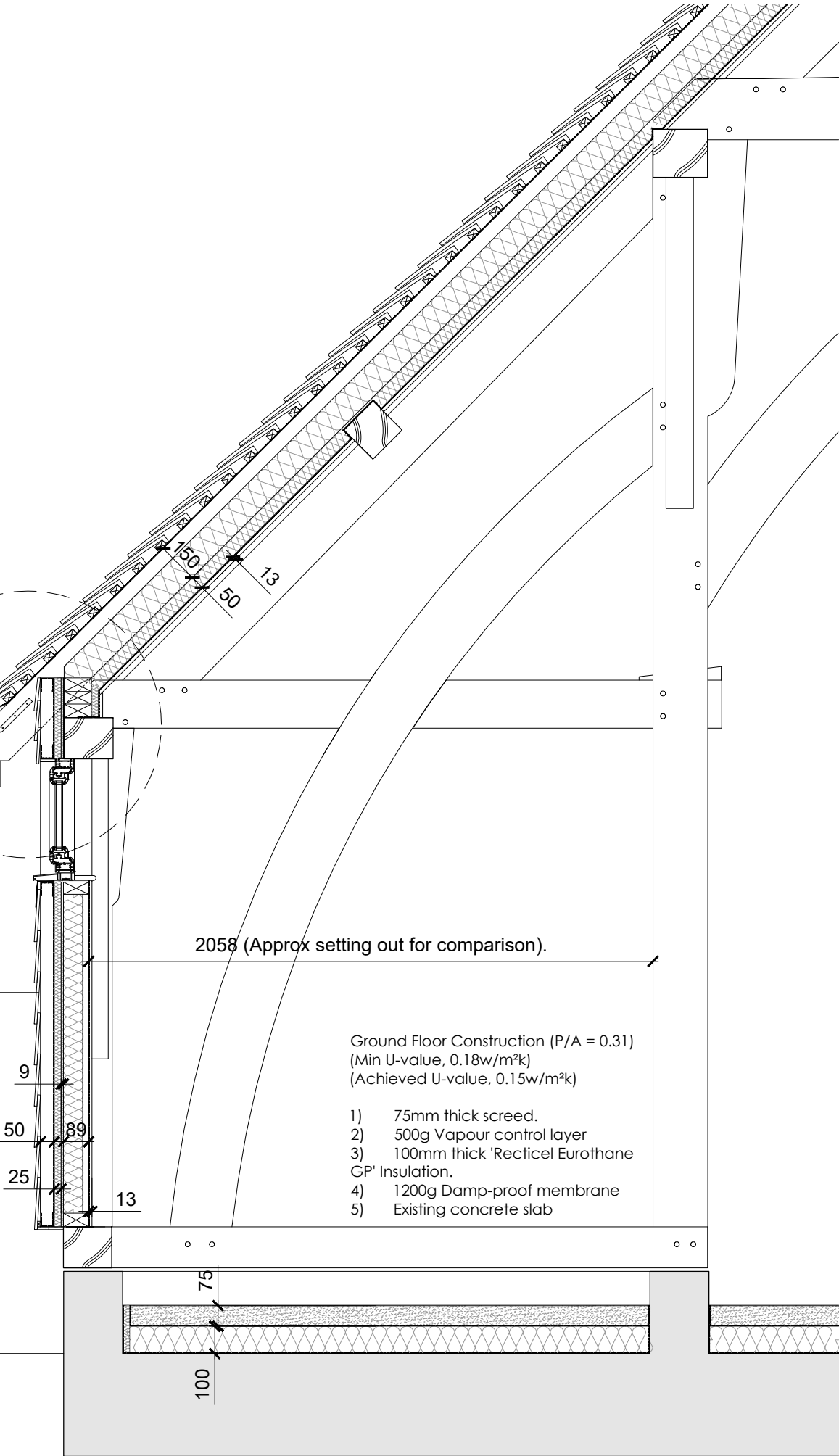
Exposed rafter feet.

Proposed weatherboarding to be 175mm and 32mm tapering down to 7-10mm, minimum lap of 25mm or greater in exposed locations on the building, meaning the visible face is approximately 150mm-155mm.

Timberframe Wall Construction (Cladding)
(Min U-value, 0.26w/m²k)
(Achieved U-value, 0.25w/m²k)

- 1) Horizontal timber cladding.
- 2) 50mm thick trean ted sw timber battens laid vertically.
- 3) Tyvek Housewrap breather membrane.
- 4) 25mm thick 'Recticel Eurothane GP'.
- 5) 9mm thick OSB.
- 6) 89mm thick timber infill studwork between existing oak frame, with 70mm 'Recticel Eurothane GP' insulation between studs.
- 7) Vapour control layer.
- 8) 1 no. layer of 13mm thick 'Gyproc Wallboard' or similar and plaster skim.

Typical Section
1:20



Ground Floor Construction (P/A = 0.31)
(Min U-value, 0.18w/m²k)
(Achieved U-value, 0.15w/m²k)

- 1) 75mm thick screed.
- 2) 500g Vapour control layer
- 3) 100mm thick 'Recticel Eurothane GP' Insulation.
- 4) 1200g Damp-proof membrane
- 5) Existing concrete slab

•	P02	15.06.26	Eaves detail amended, clerestory window shown for clarity and weatherboarding note added.	DH	DH
•	P01	09.04.26	Preliminary Issue	AH	DH
Rev	Date	Note	Amended	Checked	
		Revision Note & Date			

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Project Title
WHITEHOUSE FARM, LAND WAY

Client Details
WINDMILL CONSTRUCTION

Drawing Title
BUILDING 5
TYPICAL SECTION SETTING OUT
& EAVES DETAIL

Scale	Date	Drawn	Checked
1:20 @ A3	JUN 26	DH	LH

Drawing Status

PLANNING

Project No.	Drawing No.	Status	Revision
24.051	0500	S0	P02

