

BOUNDARY



External Wall Construction

Provide composite cladding with cedar finish to match the existing gable, fixed to treated vertical battens over treated counter-battens to form a minimum 25 mm ventilated cavity (insect mesh at base and top), installed over a vapour-permeable breather membrane on a 100 mm lightweight concrete block outer leaf (minimum 3.6 N/mm²) laid in 1:2:9 cement/lime/sand mortar.

100 mm cavity with 90 mm EcoTherm Eco-Cavity partial fill insulation, held in position by stainless steel double-drip wall ties with retaining discs in accordance with manufacturer's instructions.

Maintain 10 mm residual cavity clear between insulation and outer leaf.

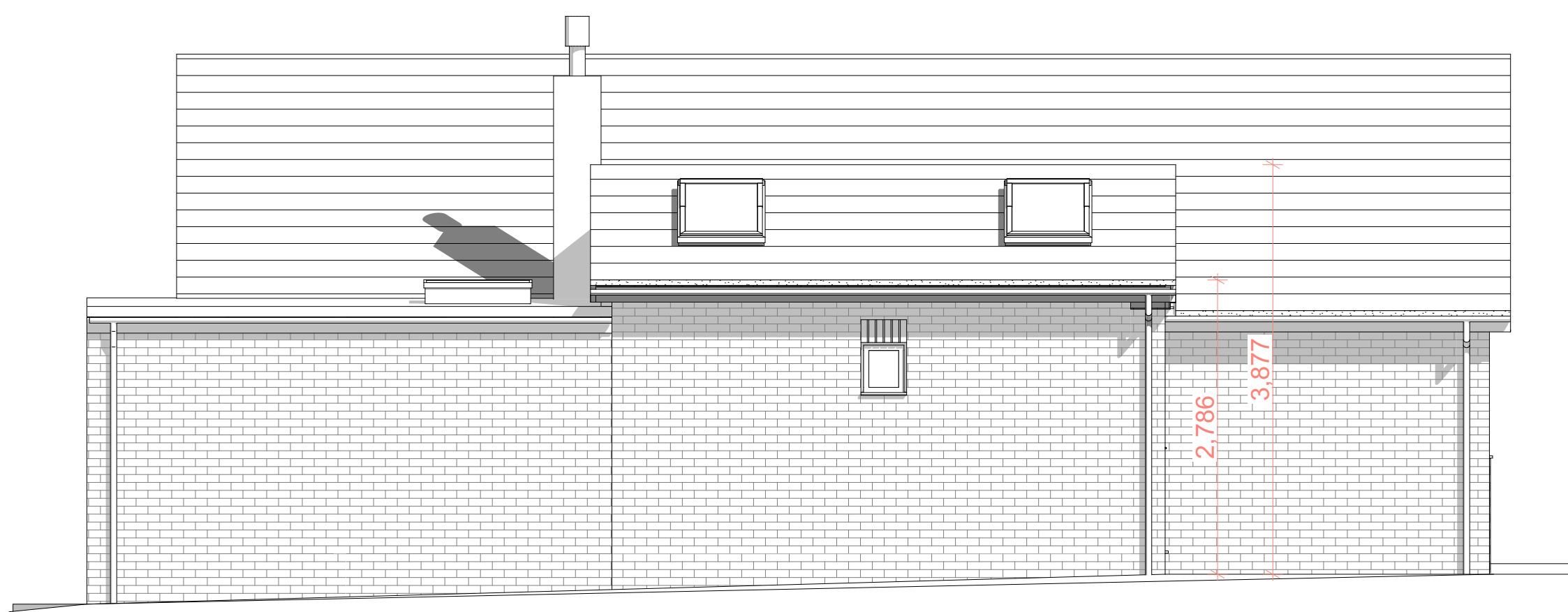
100 mm lightweight concrete block inner leaf (minimum 3.6 N/mm²), laid in 1:2:9 cement/lime/sand mortar (refer to structural engineer's details for block strength).

Internal finish to comprise 12.5 mm Gyproc Wallboard on plaster dabs with 3 mm plaster skim.

Construction to achieve a U-value of 0.17 W/m²·K in accordance with BS EN ISO 6946:2007.

Proposed Front Elevation

1:50



Proposed Side Elevation

1:50

BOUNDARY

New Window

Provide new double-glazed windows with a minimum overall performance of U-value 1.4 W/m²·K or better, in accordance with the requirements of Approved Document L (Conservation of Fuel and Power).

All windows to be installed in accordance with manufacturer's instructions and to achieve compliance with Building Regulations.

Provide background ventilation in accordance with Approved Document F (Ventilation), using trickle vents sized to meet minimum equivalent area requirements.

Provide suitable structural lintels over new and altered window openings, sized and installed in accordance with structural engineer's details and manufacturer's recommendations.

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100 mm cavity with 90 mm EcoTherm Eco-Cavity partial fill insulation, held in position by stainless steel double-drip wall ties with retaining discs in accordance with manufacturer's instructions.

Maintain 10 mm residual cavity clear between insulation and outer leaf.

100 mm lightweight concrete block inner leaf (minimum 3.6 N/mm²), laid in 1:2:9 cement/lime/sand mortar (refer to structural engineer's details for block strength).

Internal finish to comprise 12.5 mm Gyproc Wallboard on plaster dabs with 3 mm plaster skim.

Construction to achieve a U-value of 0.17 W/m²·K in accordance with BS EN ISO 6946:2007.



Proposed Rear Elevation

1:50



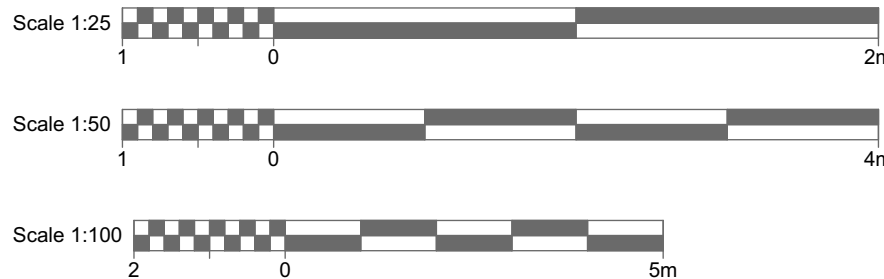
Proposed Side Elevation

1:50

All Dims in millimeters unless otherwise stated.
Do not scale except for planning purposes.
If in doubt - Ask

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