

- New and replacement windows to be:
- double glazed
 - with 16mm argon gap
 - soft coat low-E glass
 - Window Energy Rating to be Band C or better
- To achieve U-value of 1.6 W/m²K.

- Upgraded pitch roof to be:
- 47x100mm Grade C24 rafters @ 400c/c
 - 50mm Celotex GA4000 infilled
 - 90mm Celotex Ga4000 under
 - 12.5mm foil backed plasterboard

- Upgraded single brick wall to be:
- 100x50mm treated timbers
 - 50mm clear cavity between existing wall and new stud
 - breathable membrane
 - 90mm Celotex GA4000 between
 - 37.5mm Celotex PL4000 plasterboard over studs

UPGRADE OF EXISTING SOLID WALL
To achieve min U-value 0.30W/m²K
Existing garage wall to be exposed and checked for its suitability. Provide a suitable damp proofing system with current BBA certificate to existing walls and floor (manufacturer's details to be given to building control).
Dry-line existing wall with 77.5mm Celotex PL4000 insulated plasterboard.

Mains operated linked smoke alarm detection system to BS EN 14604 and BS5839-6:2013 to at least a Grade D category LD3 standard and to be mains powered with battery back up.

ARCHIPHONIC

Positive Change through Architectural Design

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Project Title

1197 - 38 Sycamore Road

Client Name

Mark Bywater

Project Address

38 Sycamore Road, L36 5TU

Additional Notes

REV	Date	Description	Issued
1	13/10/2022	Technical Issue	RJ

Title

Proposed Section CC

Drawing No.

1197-03-05-003 Rev 1

Scale	Date	Drawn by	Checked by
1 : 50	08/02/22	RJ	DRB

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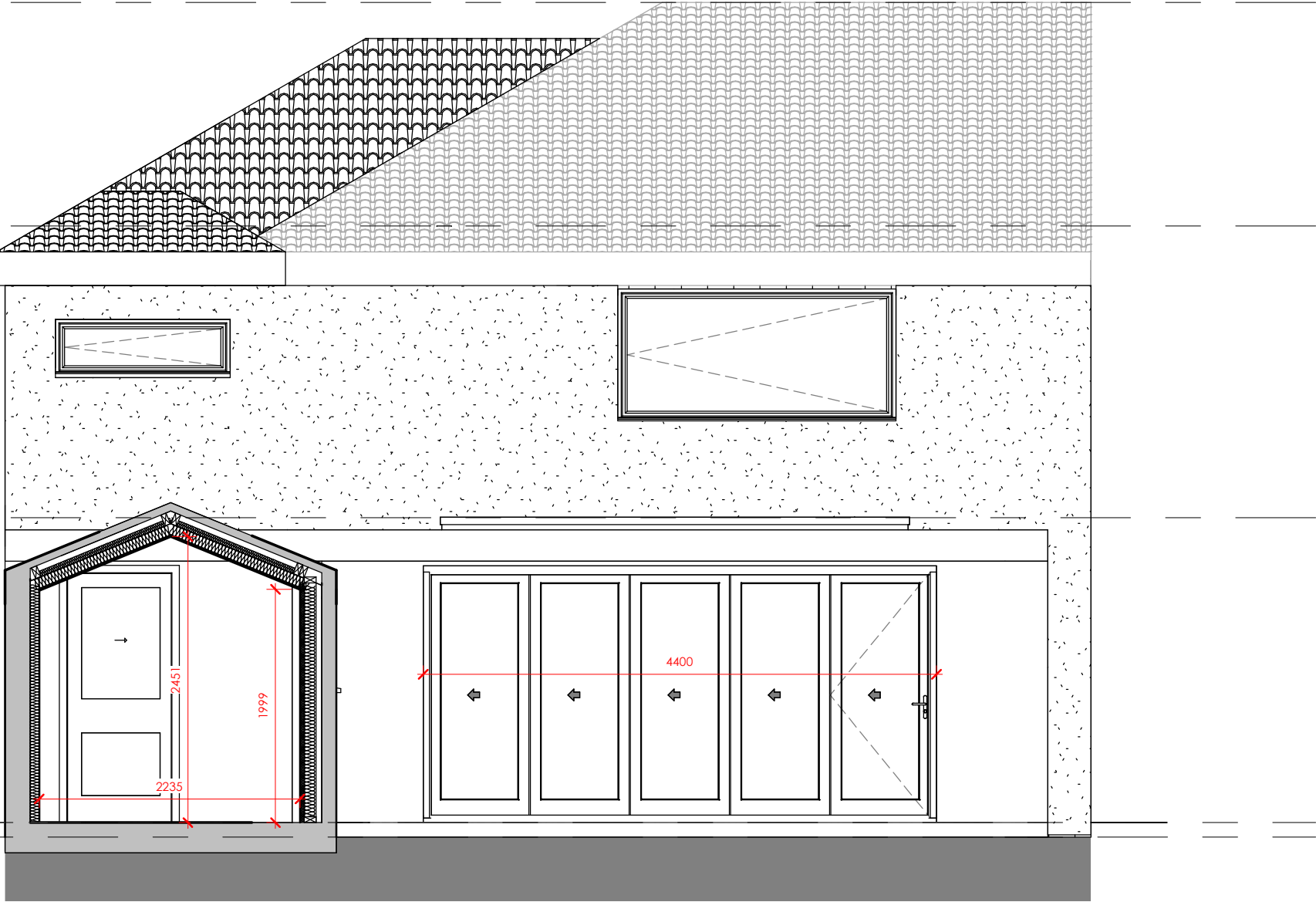
03 - Third Floor
7028

02 - Second Floor
5112

01 - First Floor
2612

00 - Ground Floor
0

-01 - External
-125



0m 1m 2m 3m 4m
VISUAL SCALE 1:50 @ A3