

- External wall to be:
- 20mm two coat render
 - 100mm Lightweight block
 - 50mm Clear residual cavity
 - 85mm Celotex CW4000 insulation
 - 100mm Lightweight block (0.15 W/m²K)
 - 12.5mm plasterboard

Cavities in new wall to be made continuous with existing where possible. All tied into existing construction with suitable proprietary stainless steel profiles.

All walls constructed using stainless steel vertical twist type retaining wall ties built in at 750mm ctrs horizontally, 450mm vertically and 225mm ctrs at reveals and corners in staggered rows. Wall ties to be suitable for cavity width and in accordance with BS EN 845

- Intermediate floor to be:
- 25mm t&g flooring grade chipboard or floorboards
 - 120mm Rockwool insulation min 10kg/m³ or equivalent between floor joists
 - Ceiling to be 12.5 FireLine plasterboard skim plaster set and finish

- Solid Ground Floor to be:
- 150mm Hardcore
 - 50mm Sand blinding
 - 1200 gauage polythene DPM
 - 90mm Celotex GA4000
 - 1200 gauage polythene DPM
 - 100mm ST2 or Gen2 ground bearing slab
 - 65mm Cement/ sand screed with light mesh reinforcement

- 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.

Strip Foundation
Provide 225mm x 600mm concrete foundation, concrete mix to conform to BS EN 206-1 and BS 8500-2. All foundations to be a minimum of 1000mm below ground level, exact depth to be agreed on site with Building Control Officer to suit site conditions. All constructed in accordance with 2010 Building Regulations A1/2 and BS 8004:2015 Code of Practice for Foundations.

- New gabled roof to be:
- Roof tiles to match existing
 - 38x50mm counter battens
 - 100mm Celotex GA4000 insulation boards
 - 40mm Celotex TB4000 between 47x195mm Timber rafters class C24 at 400 c/c
 - 12.5mm Plasterboard

Project Title

1197 - 38

Sycamore Road

Client Name

Mark Bywater

Project Address

38 Sycamore Road, L36 5TU

Additional Notes

PLANS TO BE USED FOR QUTATION
PURPOSES ONLY

REV	Date	Description	Issued
1	17/10/2022	Technical Issue	RJ

Title

Proposed section AA

Drawing No.

1197-03-05-001 Rev 1

Scale	Date	Drawn by	Checked by
1 : 50	07/29/22	RJ	DRB

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02 - Second Floor

5112

01 - First Floor

2612

00 - Ground Floor

0

-01 - External

-125

