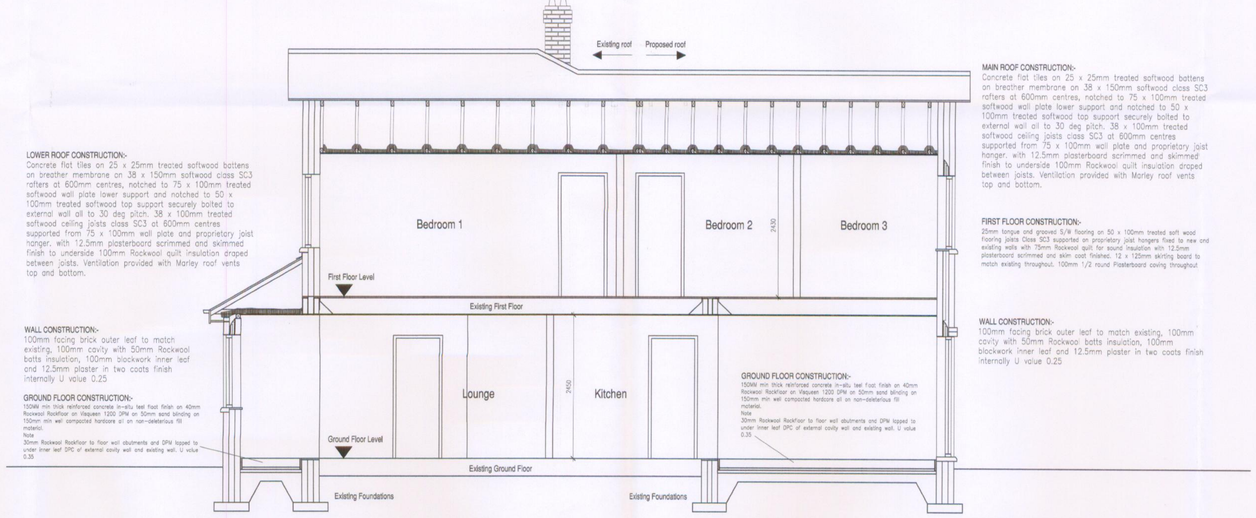


LOWER ROOF CONSTRUCTION:-
Concrete flat tiles on 25 x 25mm treated softwood battens on breather membrane on 38 x 150mm softwood class SC3 rafters at 600mm centres, notched to 75 x 100mm treated softwood wall plate lower support and notched to 50 x 100mm treated softwood top support securely bolted to external wall all to 30 deg pitch. 38 x 100mm treated softwood ceiling joists class SC3 at 600mm centres supported from 75 x 100mm wall plate and proprietary joist hanger. with 12.5mm plasterboard scrimmed and skimmed finish to underside 100mm Rockwool quilt insulation draped between joists. Ventilation provided with Marley roof vents top and bottom.

WALL CONSTRUCTION:-
100mm facing brick outer leaf to match existing, 100mm cavity with 50mm Rockwool batts insulation, 100mm blockwork inner leaf and 12.5mm plaster in two coats finish internally U value 0.25

GROUND FLOOR CONSTRUCTION:-
150MM min thick reinforced concrete in-situ, teel f.oot finish on 40mm Rockwool Rockfloor on Visqueen 1200 DPM on 50mm sand blinding on 150mm min well compacted hardcore all on non-deleterious fill material.
Note
30mm Rockwool Rockfloor to floor wall abutments and DPM lapped to under inner leaf DPC of external cavity wall and existing wall. U value 0.35

MAIN ROOF CONSTRUCTION:-
Concrete flat tiles on 25 x 25mm treated softwood battens on breather membrane on 38 x 150mm softwood class SC3 rafters at 600mm centres, notched to 75 x 100mm treated softwood wall plate lower support and notched to 50 x 100mm treated softwood top support securely bolted to external wall all to 30 deg pitch. 38 x 100mm treated softwood ceiling joists class SC3 at 600mm centres supported from 75 x 100mm wall plate and proprietary joist hanger. with 12.5mm plasterboard scrimmed and skimmed finish to underside 100mm Rockwool quilt insulation draped between joists. Ventilation provided with Marley roof vents top and bottom.

FIRST FLOOR CONSTRUCTION:-
25mm tongue and grooved S/W flooring on 50 x 100mm treated soft wood flooring joists Class SC3 supported on proprietary joist hangers fixed to new and existing walls with 75mm Rockwool quilt for sound insulation with 12.5mm plasterboard scrimmed and skim coat finished. 12 x 125mm skirting board to match existing throughout. 100mm 1/2 round Plasterboard coving throughout

WALL CONSTRUCTION:-
100mm facing brick outer leaf to match existing, 100mm cavity with 50mm Rockwool batts insulation, 100mm blockwork inner leaf and 12.5mm plaster in two coats finish internally U value 0.25

GROUND FLOOR CONSTRUCTION:-
150MM min thick reinforced concrete in-situ, teel f.oot finish on 40mm Rockwool Rockfloor on Visqueen 1200 DPM on 50mm sand blinding on 150mm min well compacted hardcore all on non-deleterious fill material.
Note
30mm Rockwool Rockfloor to floor wall abutments and DPM lapped to under inner leaf DPC of external cavity wall and existing wall. U value 0.35

FOUNDATIONS AND BRICKWORK TO DPC
Portland cement concrete (min C15P or C20) strip foundations min 150mm deep, (unless otherwise stated), with 600mm minimum ground cover to top of foundations. All in accordance with A1 and A2 and provisions Part E of current Building Regulations. Final depth to be agreed with building inspector dependant on site conditions. Concrete or common bricks in 275mm cavity work to be used below ground level reverting to engineering brick on outer leaf min 2 courses below first ground level and up to DPC level. Cavity to be filled with C10P concrete up to ground level. Wall cavity to extend 150mm min below DPC bituminous felt or PVC DPC 150mm min above ground level (regulation C4 and section 2).

Proposed Longitudinal Section

Revision	Notes	Date	Checked
	1 THIS DRAWING IS SUBJECT TO COPYRIGHT AND IS NOT TO BE REPRODUCED IN PART OR WHOLE WITHOUT APPROVAL 2 DO NOT SCALE THIS DRAWING		

086415

Drawing Title
Proposed Elevations and Section

Project Title
Proposed Extension to 9 Newstead Avenue,
West Didsbury, Manchester. M20 4UQ

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Size	Project No.	Drawing Number	Rev.
A1	110854	100/ P05	

Scale	Drawn By	Sheet
1:50	G Gryce	