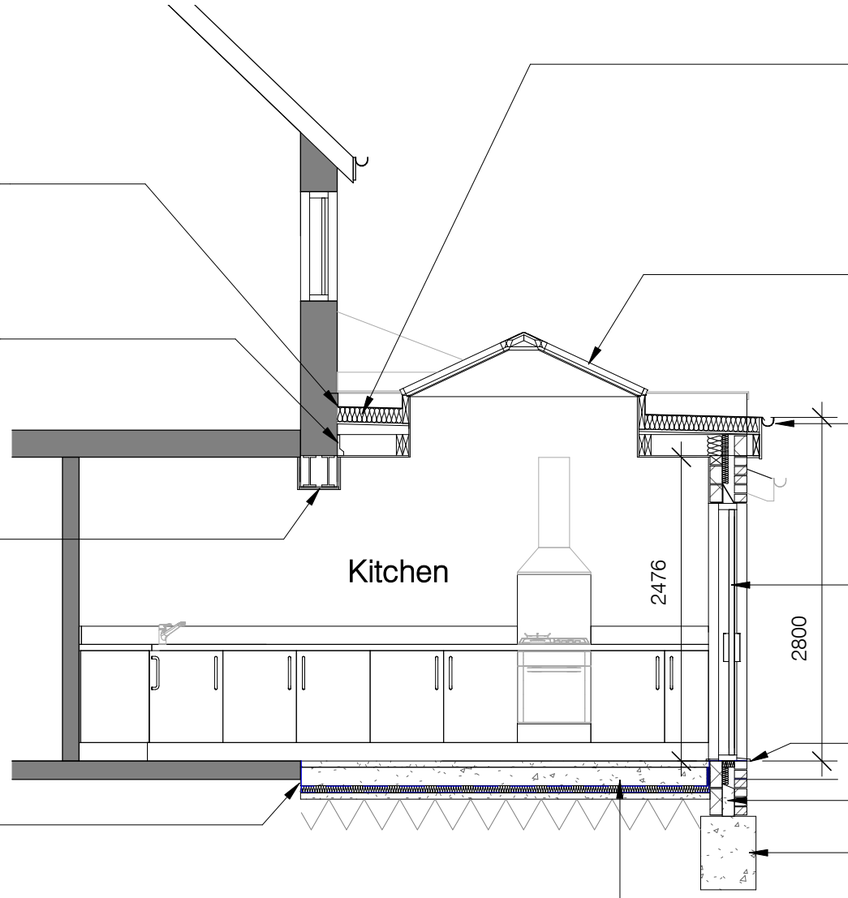
Do not scale this drawing. All discrepancies to be clarified with project Architect. If in doubt ask.



Code 5 lead flashing to be lapped into the brickwork a minimum of 150mm above the finished roof to form a full watertight joint

Flat roof joists to be secured to the existing wall with suitable joist hangers, these should be installed in accordance with manufacturers recomendations

New steel beams (to structural engineers details) to support the existing external wall above. Steelwork to be encased in 2 No. layers of 12.5mm thick plasterboard to achieve 30 minutes fire protection

New DPM to be lapped into existing floor to form a fully watertight joint

Flat roof to be single ply membrane on 120mm thick Kingspan Thermaroof TR27 insulation to achieve a u-value of 0.18w/m²K. Provide a vapour control layer to the warm side of the insulation on an 18mm thick WBP plywood deck. Deck installed on minimum 1:40 firings on flat roof joists to structural engineers design. Ceiling below to be 12.5mm thick plasterboard with 3mm plaster skim finish

Roof lantern, such as Roof Maker Slimline Lantern Rooflights, installed in accordance with manufacturers recommendations. Support to be in accordance with structural engineers design

New fascia, soffit and guttering to match the existing house

Clients choice of new french doors with full height fixed side lights. Provide a Catnic CG90/100 lintel over, ensure lintel has min 150mm end bearings and is installed in accordance with the manufacturers recommendations

DPC above suitable insulated cavity closer

Lean mix concrete

Trench fill foundations, depth to be agreed on site with building control inspector

Floor construction to be screed to suit the clients choice of floor finish above a 150mm concrete slab. Below the slab provide a 600g polythene seperating layer above insulation to achieve a u-value of 0.22w/m²K with a P/A value of 0.7 (such as 60mm Kingspan Kooltherm K103 floorboard). Below the insulation install a suitable DPM on 50mm sand above 250mm well consolitdated hardcore

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Section B-B

Scale: 1 : 50

Rev	Date	Description	By	Chk'd
B	11.03.22	Heights added	HB	EB
A	07.03.22	Building regulations application issue	HB	EB

hampton booth

Client
Mr Daniel Elliot

Project
Proposed Rear Extension
27 Kerry Drive
Smalley
Derbyshire
DE7 6ER

Drawing Title
Section B-B

Scale	Sheet Size	Date
1 : 50	A3	02/03/22

Revision
B