



Upvc double glazed bi fold doors, fully glazed with toughened glass panels incorporating trickle vents. Bi fold doors to be glazed with 4-20-4mm double glazed units Argon gas filled with Optitherm or equivalent glass to internal pane to give U value of 1.2 W/m²K.

Door opening to be formed with proprietary profiled steel lintol/Catric CXL290I lintol or similar approved. Minimum 150mm seating to either end of lintel.

To achieve minimum U value of 0.27W/m²K. Common brickwork cavity wall, K value 0.51 or lower. Minimum 50mm clear residual cavity to be maintained with 50mm Kingspan Cooltherm K8 rigid insulation board fixed to internal leaf with proprietary wall ties. Internal leaf to be constructed in Thermolite turbo block, K value 0.11W/m²K or lower. Internal finish to be 12.5mm plasterboard on dabs with skim finish.

New opening formed through external wall using 2 No 305x127x37 universal beams set on 250x300mmx150mm precast concrete padstones with minimum 150mm bearing for steelwork.

New external cavity wall interface with existing external wall to be formed with Furrif or 'crocodile' type anchor system bolted to existing wall. Existing cavity to be cut to form continuation of existing cavity wall, 50mm clear cavity to be maintained.

6355

Detail 1

955

2268

B

655

1523

955

A

3990

Roof Light

Roof Light

2563

4679

3328 Dining Room

Kitchen

WC

SVP
New inspection chamber

Door opening to be formed with proprietary profiled steel lintol/Catric CXL290I lintol or similar approved. Minimum 150mm seating to either end of lintel.

New back inlet gully to collect surface and waste water from kitchen sink.

New mechanical extraction from proposed kitchen. Min extraction rate 30 Ltrs/sec (108m³/hour).

New opening formed through external wall using 2 No 305x127x37 universal beams set on 250x300mmx150mm precast concrete padstones with minimum 150mm bearing for steelwork.

New external cavity wall interface with existing external wall to be footed into existing brickwork on every course. Existing cavity to be cut to form continuation of existing cavity wall, 50mm clear cavity to be maintained.

New 450 - 550mm Ø preformed inspection chamber. I.C. to be connected to existing drainage and laid on 100mm concrete base/bed.

Drainage Note
Drainage system type to be determined on site and suitability of flows assessed. Where drainage type is a separate system ensure drains are connected to correct systems.

PROPOSED Ground Floor Detailed Plan.

Scale 1:50 @ A3.

CLIENT:	Mr & Mrs Broadstock
REF:	-
PROJECT NO:	DT2023/01
DATE:	Jan 2023
CAD DWG FILE:	77 Sandon Road
DRAWN BY:	David Taylor
CHK'D BY:	-

Project	Two storey extension.
Address	77 Sandon Road Birkdale, Southport Merseyside. PR8 4QD
Drawing	DT2023/01-A102
Scale	1:100

Revisions

Scale Bar - 1: 50

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