

Final revisions Feb '22

30.33°

2400

1030

Architectural floor plan of a building section. The plan shows a rectangular structure with a central vertical corridor. The left side features a large, irregularly shaped opening. The right side includes a staircase with a 38.13° angle. Dimensions are provided in millimeters (mm). Key dimensions include: 2800 mm (width of the central section), 2400 mm (width of the left section), 2282 mm (height of the left section), 1800 mm (width of the bottom left section), 1230 mm (width of the bottom left section), 3336 mm (width of the right section), 200 mm (width of the central corridor), 2800 mm (width of the central corridor), 4311 mm (height of the central corridor), 250 mm (height of the staircase), and 196 mm (height of the staircase). Annotations include "to be confirmed on site" (twice) and "double head" (twice). The plan is color-coded with purple for walls, pink for the central corridor, and green for the staircase.

GROUND FLOOR TO MAIN HOUSE
To comprise:-
- 75 mm min reinforced screed
- Underfloor heating
- 125mm Celotex FF4000 floor insulation - tape joints with insulating tape
- 1200 gauge polythene damp proof membrane
- Mass concrete floor slab Mix GEN 1.
- 150mm sand blinded hardcore base.
Damp Proof Membrane taken up walls and lapped with wall DPC to form continuous waterproof barrier.
Include 12mm Celotex RR insulation vertically to the perimeter of the external walls to prevent cold bridging.

- ScreedBoard 28 High Acoustic performance: Airborne 48dB(1) and Impact 59dB
- new T&G 22mm floor joists
- existing timber joists (or new depending on location)
 - 100mm rockwool sound slab
 - approx 40mm lath and plaster
 - 25 x 50 timber batten
 - 15mm Gypsum sound board platerboard and taped finish

SECTION B-B

 George and Co.

Proposed refurbishment
of
Howfield Bakery, High
Street, Merthyr Tydfil

625.005		Proposed section	
sketch	1:50@A1	July '19	SG

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