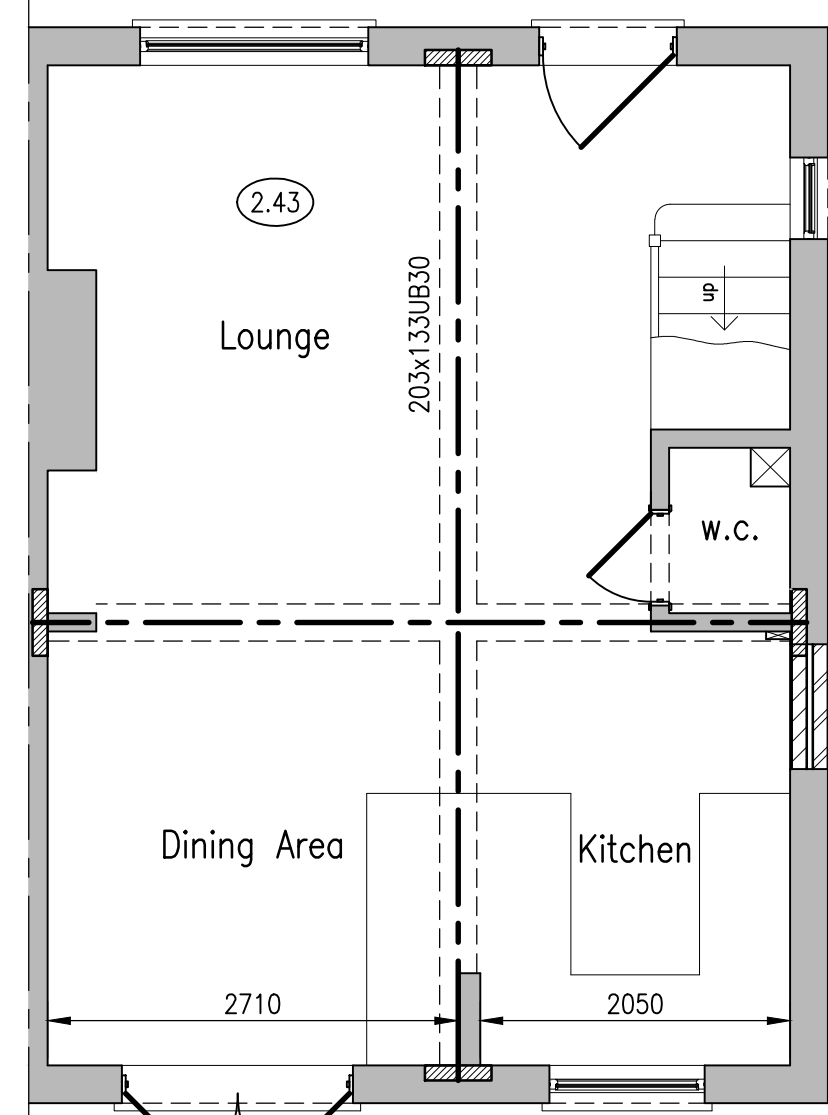




Architectural floor plan of a house extension. The plan shows a Lounge (2.43) with a fireplace, a Dining Area (2710), a Kitchen (2050), and a W.C. (Water Closet). A new extension is shown with a new uPVC door and window. Dimensions are provided for the extension (2220 x 1350) and the existing house (2710 x 2430).

Labels and dimensions include:

- New rwp as note 25
- Wall construction as notes 11 to 13
- Foundation outline
- Existing Composite Door relocated to main Porch Entrance
- New uPVC dg window (450x1200mm. approx.)
- New external door to existing door opening
- 2220 (extension width)
- 1780 (extension width)
- 1130 (extension depth)
- 1350 (extension depth)
- 203x1330x30 (extension wall thickness)
- 2.43 (Lounge area)
- Lounge
- W.C.
- Dining Area
- Kitchen
- 2710 (Dining Area width)
- 2050 (Kitchen width)
- 2430 (existing house depth)
- 100x plate existing
- M12
- Galv. hang
- Ceiling

PROPOSED ROOF PLAN

(Scale 1 : 50)

Roof as note 22

Code 4 lead flashing dressed up wall 150mm. min. and turned into brick joint

100x50mm. s.w. timber wall plates rawlbolted to wall with M12 bolts @ 600mm crs.

Galvanised joist hangers as note 18

Ceiling as note 10

Existing foundation

Floor construction as note 9 on 50mm. sand blinding on 150mm. well compacted hardcore

New eaves detail as note 21 to be provided with 25mm. continuous ventilation protected with insect grille.

100mm. uPVC hr gutter

100x75mm. s.w. timber wall plate

Wall construction as notes 11 to 13

Catnic Lintel, ref. ANG1200

DPC as note 8

Brickwork below d.p.c. level shall be semi-engineering or similar approved. Cavity filled to ground level with mass concrete

Trench fill foundations to i.a. approval, 1:2:4 mix, mass concrete

2430 existing

2210

225 exist.

1m, min. or to i.a. approval

450

3000 max.

SECTION A - A

CONSTRUCTION NOTES

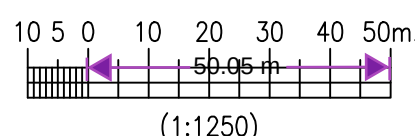
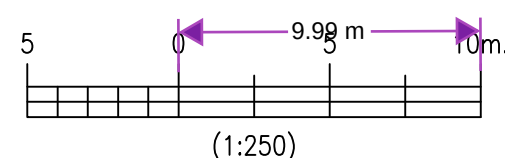
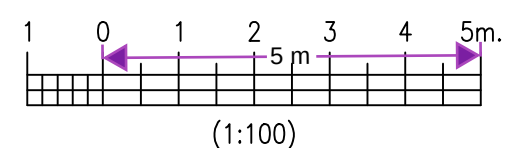
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- Figured dimensions are to be followed in preference to dimensions scaled from drawing.
- All site parameters, dimensions and sizes of existing structure are to be checked on site by the builder before work commences.
- It is to be carried out in accordance with the latest Building Regulations and Codes of Practice.
- All new electrical work is to be designed, installed, tested and certified in accordance with BS7671 (2018) and meet the requirements of Part P of the Building Regulations. Switches and electrical outlets shall comply with Diagram 15 in Approved Document M4 of the Building Regulations. These installations will have to be undertaken by a person registered with the electrical self-certification scheme, or alternatively by a suitably qualified person, with a certificate of compliance provided by that person to Building Control upon completion of the works.
- Any new installations or alterations to gas combustion appliances will have to be registered with GASAFE and the appropriate certificate provided to the council.
- DPC to solid walls to be Hydro-2 or similar approved. Horizontal dpc to be provided at minimum 225mm above ground level and to be lapped a minimum of 150mm, and bonded. Cavity wall DPC shall be Covoklay Trays by Covoklay Trays or similar approved provided at a minimum 225mm above ground level. Cavity tray to be lapped and bonded. Vertical dpc to be provided in vertical joints, wide vertical insulated dpc's to be provided at all joints. Cavity tray dpc's also to be provided over door and window openings incorporating pre-formed and steps. Weepholes to be provided at 1200mm, crs. in course above cavity trays and dpc, with a minimum 2 No. to each door or window. Damp proof membrane to be pressed up wall and made continuous over horizontal dpc, all joints and penetrations to be sealed with polyurethane DPM or similar. 'Celotex' G4000 'Celotex' rigid insulation (including 25mm perimeter insulation) on DPM lapped with DPC on a 75mm, deep concrete slab reinforced with R142 mesh top, 50mm, cover on 1200 gage dpc. U-Value = 0.18W/m²K.
- Ceilings to be 100x50mm s.w. ceiling joists at 400mm, crs. with 12.5mm, plasterboard and skim coat plaster. 1200mm, glass-fibre quilt insulation between roof joists. Ceiling finish to be 12.5mm, 'Gyproc Soundbloc MR' plasterboard.
- New brickwork walls to be constructed of:-
-Externally: Facing bricks to match existing.
-Internally: Red brick. Kingspan K118 rigid insulation board, fixed to 47x25mm, battens at 600mm, crs., on dpm strips. Plasterboard to be received set coat plaster finish.
- New brickwork walls to be bonded to existing with 'Crocodile Wall Extension Profile'. Provide two coats of 'RM Flexisep Pro' between the existing wall and profile facing.
- Mortar mix to be 1:1:6 (cement:lime:sand).
- Lined over openings to be galvanneal 1.6G insulated 1.6G. linings with minimum 150mm, bearing at each end. Generally, all linings to be BBA certified and designed and tested to relevant standards (BS5971 Part 1 1981 and Part 2 1983). Walth to suit openings and bearing requirements above.
- Roofing and roof joists to be strapped to suit 100mm, wide timber wall plates.
- Timbers designed to BS5288 and to be Grade 24C.
- 30 x 5mm, mild steel (with minimum 260mm², zinc coating) restraint straps to be provided at 15m, crs. anchoring floors and roof to walls. Straps to be fixed to wall with minimum 100mm, diameter bolts and have a minimum 'turn down' length of 100mm. Straps to be fixed with at least four 8 gage x 50mm, countersunk head plated steel screws.
- Galvanised joint hangers to be bolted to walls and nailed to joists, all holes used.
- All wall-in ends of structural timber to be treated with two coats of cuprinol.
- All structural timbers to be tanolised.
- Eaves to be white painted external grade plywood fascia and soffits generally to project approx. 100mm, to suit window heads. Masterboard soffit above roofline. Soffit to be profiled with a 100mm, wide batten and new of board to all sides of extension to provide cross ventilation, protected with an 'Mortel Mendip' grade plaster. Water goids to be 110mm, half round gutters with 63mm diameter rain-water pipes, all in black UPVC.
- Roof tiles to be 'Morley Mendip' or similar approved, colour to match existing fixed to BS5553-4:1 in 38x25mm s.w. tinned battens on sarking felt over 1200x254 C.S.W. timber battens at 400mm, crs. Insulation to be 150mm, 'Kingspan Kooltherm K107' between rafters, maintain a 50mm, air gap between underside of sarking and felt and top of insulation.
- Windows to maintain operable area of 1/20th and natural light area of 1/10th of total floor area of rooms so enclosed. Windows should also have trickle vents to provide background ventilation of 800mm³/hr.
- Dispersal of rainwater to be provided at 1500mm, of floor level and window glazing within 800mm, of the floor) to be impact resistance/toughened in accordance with Approved Document Part N and BS62626. New windows to achieve a U-Value of 1.4 W/m²K.
- R.W.P.'s to drain to soakaway 5m, min. from building. Soakaway to have a minimum capacity of 1m³ and formed of honeycomb brickwork, perforated with 2 x 25mm, holes. Soakaway to be covered with a 150mm, thick concrete slab. Be left empty. Final size of soakaway to be agreed on site.
- All new radiators to be fitted with 'thermostatic radiator valves'.



A simple line drawing of a house. It has a triangular roof with a chimney on top. There are two windows on the left side of the house and a door on the right side. The house is drawn with black outlines on a white background.

Technical drawing of a building facade. The drawing shows a door with a transom window above it, and two windows on the right side. A dimension line on the left indicates a height of 3m. max. The drawing is a line drawing with no shading.

A simple line drawing of a house. It has a gabled roof with a chimney on the left side. There are two rectangular windows on the left wall and a single rectangular door on the right wall. A small porch with a gabled roof is attached to the right side of the house. The drawing is composed of black outlines on a white background.



Revisions	Notes	Client: Mr. & Mrs. J. Martin, 68, Dene Holm Road, Northfleet, Gravesend, Kent, DA11 8LN.	Project: New Storm Porch to Front Elevation	HEMHURST TECHNICAL SERVICES LIMITED 22, Nursery Avenue, Bexleyheath, Kent, DA7 4JZ. Tel: 020 8304 5520 e-mail: mail@hemhurst-ts.co.uk website: www.hemhurst-ts.co.uk			
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				Scale: 1:50, 1:100, 1:250 & 1:1250 @ A1			