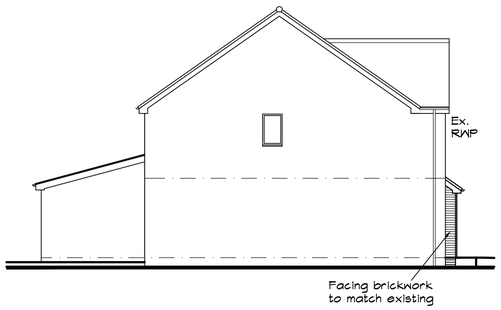
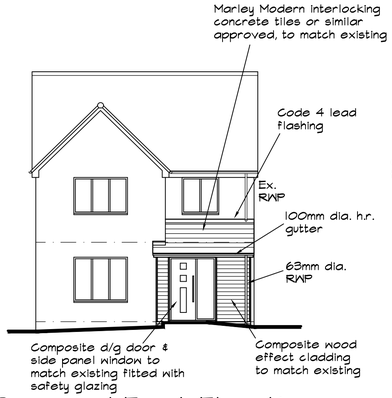
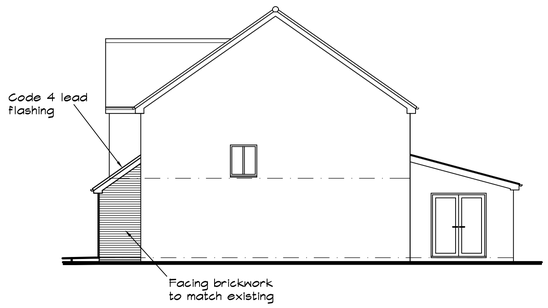


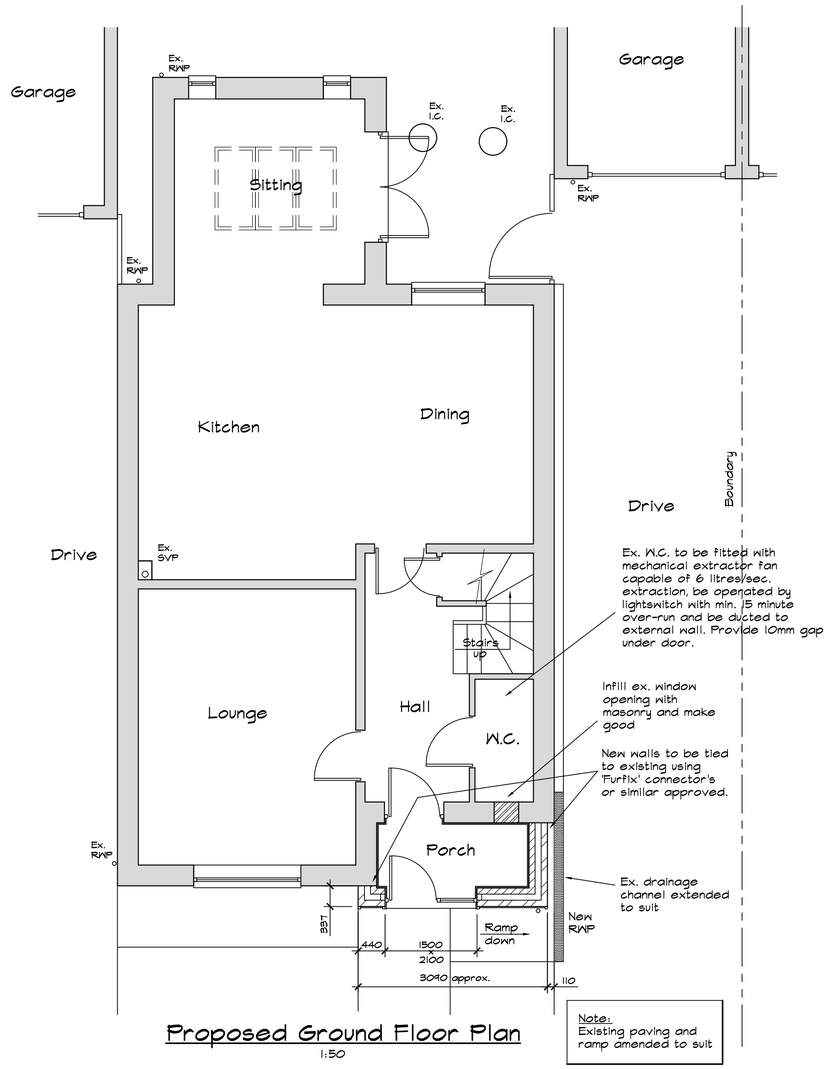
Proposed Side Elevation
1:100



Proposed Front Elevation
1:100

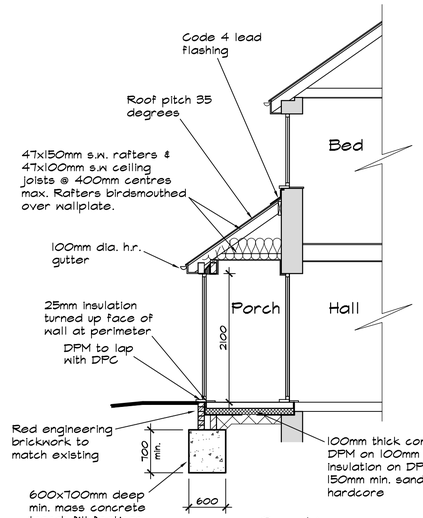


Proposed Side Elevation
1:100

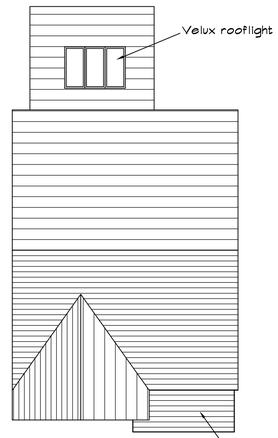


Proposed Ground Floor Plan
1:50

Note:
Existing paving and ramp amended to suit



Section
1:50



Roof Plan
1:100

All electrical works to be undertaken, tested and commissioned by an electrical contractor registered under the Competent Persons Scheme.

NOTES

1. All dimensions to be checked on site by builder prior to commencement.
2. This drawing is Copyright of Creation Building Design and may not be amended or copied, either manually or electronically, without the express written permission of the Copyright owner.
3. This drawing is to be read in conjunction with Drg. No. 22543-1.
4. FOUNDATIONS
   600mm wide mass concrete foundation trenches set out centrally under loadbearing walls to be taken down to suitable bearing strata, 1000mm minimum below ground level or invert of any adjacent drains, whichever is the greater.
   All concrete to be be to BS 5328 Part 2 1981 , plain concrete to foundation and insitu floor slabs, minimum mix strength RC25.
5. DPC
   To be minimum 2000 gauge polymer DPC to each leaf of masonry, positioned at ground floor level, 150mm above external ground level. Insulated vertical DPC's to all vertical cavity closures.
6. EXTERNAL CAVITY WALLS
   External cavity walls to be 102mm facing bricknork to match existing with 100mm cavity filled with 90mm Kingspan Kooltherm K106 or similar approved cavity wall insulation clipped to 100mm wide inner leaf of Celcon Standard or similar blocknork and 9.5mm thick plasterboard on dabs with skim finish internally (U-Value 0.17W/m2K). Cavity to be tied with stainless steel or similar wall ties to BS 1243 at 750mm horizontal centres and 450mm vertical centres, 225mm at openings. All new openings to be supported using Catnic insulated lintels with 150mm minimum end bearing. All new bricknork to be strapped to BS 5628.
7. IN-SITU FLOOR SLAB
   100mm concrete slab on 500 gauge polythene DPM on 100mm Celotex or Kingspan floor grade insulation with 25mm perimeter insulation on 1200 gauge polythene DPM linked to DPC on 150mm min. sand blinded well compacted limestone sub-base.
   Floor finish to be agreed with the client.
8. PITCH ROOF
   Marley Modern interlocking concrete tiles or similar approved, to match existing on 38x25mm tanalised s.w. battens on Klober Permo Forte vapour permeable breathable felt with 10-15mm sag between rafters.
   Roof timber sizes as shown on section.
   150mm insulation to be laid between ceiling joists with 200mm laid on top at 90 degrees to the joists and underdrawn with 12.5mm foil-backed plasterboard and skim finish.
   Eaves and fascia to match existing.
9. RAINWATER DISPOSAL
   100mm dia. half round uPVC guttering connected to 63mm dia. rainwater pipe discharging into the underground drainage system as indicated.
10. DRAINAGE
    All new underground drainage to be 100mm dia uPVC flexibly jointed pipework bedded on pea gravel, laid to 1:40 minimum falls in the layout as shown.
    New polypropylene inspection chamber to have 100mm dia. outlets, fitted with a lightweight cover and frame and set on 150mm thick mass concrete base and surrounded with pea gravel.
    150x150mm trapped and roddable gully's to be positioned as shown. All drains under the extension to be kept flexible when passing through walls.
11. HEATING
    Alterations to the heating & hot water system installations to be designed, installed and commissioned by a competent person in accordance with the Domestic Heating Compliance Guide, 2006 Edition.
12. GENERAL DETAILS
    New window to be draughtsealed double glazed units (16mm Argon filled gap) glazed in Pilkington glass to achieve a U-value of 1.4W/m2K, with 8000mm2 trickle vents. New external doors to achieve a U-Value of 1.4W/m2K. Safety glazing to door and window in critical areas to comply with BS 6206.

    All radiators to be fitted with TRV valves.

    Lateral restraint to walls be provided at verge and eaves levels using 30x5mm galvanised mild steel straps x 1800mm long @ 1500mm max. centres fixed across min. 3No. members with solid strutting between members.

    All Fire Protection specified to be installed in accordance with the manufacturer's instructions and to the satisfaction of the Approved Inspector.

Rev A 14.11.25. Details finalised for Planning approval.

Project
Proposed Extension at 20, Nathaniel Drive, Allestree, Derby.

Client: Mr Lowe & Miss Beardsley

Scale: 1:100 & 1:50

Drg. No. 22543-2A

CREATION BUILDING DESIGN
7, Brackley Drive, Spondon, Derby DE21 7SA
Mob. 07969 248579
E-mail kevinfitchett7@gmail.com