



A horizontal scale bar with vertical tick marks at 0m, 1m, 2m, 3m, 4m, and 5m. The text "Scale bar" is written below the 0m mark.

### Existing Floor Construction

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Where existing air bricks are located, these are to be ducted through new solid floor constructions to the outside air.

**Ground Floor**  
65mm sand/cement screed on 500 gauge polythene separating layer over 85mm Thk Celotex FF4000 insulation. 1200 gauge polythene DPM lapped and sealed with existing DPM over a 150mm Thk concrete ground bearing slab. Slab laid on a nominal 50mm sand blinding on a 150mm layer of well compacted hardcore. Floor insulation to achieve a 'U' value of  $0.22\text{W/m}^2\text{K}$ . Where the screed meets an external wall, a thin strip of insulation to be laid vertically to stop cold bridging.

## D.P.C

**Underground Drainage** (where required)  
Foot and surface water drainage to be 110mm upPVC drains to B.S. 4660:2000 laid in trenches to minimum depths and 1 in 40 falls with bedding for flexible pipes all as described in Diagram 10 of Approved Document Part H1 comprising 100mm bed of approved granular material to B.S.882 up to depth of pipe. 300mm min cover of selected fill, free from stones larger than 40mm.  
Where drains pass through foundation walls lintel required, P.C. lintel or similar approved giving 50mm space all round pipe. Opening masked with rigid board to prevent entry of fill or vermin.

### Plumbing for new En-suite

### Kitchen sink drainage

Internal plumbing.

Internal ventilated stub stacks to be fitted with an automatic air admittance valve (Durgo) which complies with prEN 12380. Stub stacks to be boxed in with removable top cover to allow access for clearing blockages.

Rodding points to be incorporated in the ventilated stack to allow access to all pipework for clearance of blockages.

### Electrical

75% of all new light fittings to only accept low energy efficient light bulbs. Wall mounted sockets, telephone and TV points to be mounted between 400mm and 1000mm above floor level and at least 350mm from corners.

### Cavity wall construction

The total extent of unprotected area to the flank wall must not exceed 1.0 square metre.

A tray DPC should also be provided where first floor cavity construction is positioned over solid brick/block walls at ground floor level

## Lintels

Internal walls

100mm wide internal timber partitions consisting of 75x50mm studs and noggins @ max 600mm C/C with 13mm plasterboard both sides and 100mm acoustic slab or equal approved between to achieve at least 40dB airborne sound insulation. Plasterboard to achieve a mass requirement of use 10 kg.sq.m (Wallboard Ten or equal). Studs to be covered with 9mm WBP ply where extra fixing strength is required on bathroom partitions.

## Windows and doors

## Glazing

The maximum height from floor level to the opening part of the egress window in the bedroom is to be no more than 1100mm.

### Surface Water Drainage

Rainwater goods  
Gutters to be marley or equal with 68mm circular downpipes, colour / diameter match existing.

### Eaves system

### Ventilation

### Main Roof

Where cross ventilation required at pitches of 15° or less use eaves vents or low level tile vents providing 25mm air gap. For pitches of greater than 15° use eaves vents or low level tile vents providing 10mm air gap with the addition of ridge vents or high level tile vents providing 5mm air gap. 100mm Rockwool roll batt or equal insulation laid between 170mm over rafters to achieve 'U' value of 0.16W/m<sup>2</sup>K.

Where new roofs abut existing walls cavity tray dpc to be provided.

Where breathable felt is used between new and existing roof constructions, new roof to be separated from existing by vapour impermeable construction.

Roof insulation to skelings (where required)

52.5mm Thk Celotex PL4000 insulation with integral 12.5mm plasterboard fix to underside of rafters with board joints sealed to act as a vapour control layer with plaster skim finish.

General Notes:-

- Sizing of all structural elements indicated is as per structural engineers details / calculation sheets & drawings. All detail and calculation sheets to be used as reference for all sizing of steels and timbers.
- All beams to be covered with 15mm Fireline board to achieve a minimum of 30 mins fire resistance.
- SVP's and plumbing to be boxed using 15mm Gyproc wallboard on sw framing to provide 30mins fire resistance.
- Where a new boiler is to be provided, the position is to be agreed on site with the building control survey and the position identified.
- The hot water supply to a fixed bath is to be limited to 48 degrees C by use of an in line blending valve or appropriate means.
- All new roof files and roof windows (where applicable) to be weathered and laid in strict accordance with manufacturers details and recommendations.
- Any nonifiable electrical works or works including gas appliances (boilers, cookers, gas fires etc.) MUST be carried out by a member of a Competent Persons Scheme, ENICEC, ELECSA, NAPIT, STROMA or other electrical work and GAS SAFE for gas works! The client is responsible for ensuring this certificate is received within 30 days of the work being completed. Electrical and Gas Works are specifically excluded from this Initial Notice Application.

 HD Indicates a heat detector fitted within the Kitchen area and linked to same circuit as smoke detectors.

 SD Indicates smoke detector to conform to BS5446 and mains operated with a secondary power supply such as a rechargeable battery. Smoke alarm to be positioned in circulation space within 7.5 metres of the doors to habitable rooms and at each floor level. Installation and commissioning certificate is also required on completion of works.

ALL DIMENSIONS TO BE VERIFIED BY THE CONTRACTOR ON SITE

Note:-

- All dimensions where indicated are approximate and are for guidance purposes only. Actual dimensions should be checked on site.
- For proposed elevations see drawing 2021/169 - 005.
- Contractor to assume design responsibility under CDM2015.
- Note, all structural information noted should be checked against detailed structural engineers information / calculation sheets.

|                                             |             |                 |     |      |
|---------------------------------------------|-------------|-----------------|-----|------|
| A Drawing updated following client changes. |             | 04.08.21        |     |      |
| REV                                         | DESCRIPTION | DATE            | INT | CHKD |
| STATUS                                      |             | FOR INFORMATION |     |      |

Client  
Mr & Mrs Usher

Project  
11 Cheyne Walk, Meopham,  
Kent. DA13 0PF

Title  
Proposed Floor Plans  
& Section

|             |             |          |         |
|-------------|-------------|----------|---------|
| Scale       | Date        | Drawn    | Checked |
| 1:50@A1     | 28.06.21    | N/A      | N/A     |
| Project No: | Drawing No. | Revision |         |
| 2021/169    | 004         | A        |         |