

Doors and Windows:

New Entrance doors to have min width of 910mm UPVC door fitted as per specialist contractors/supplier's requirements. matching existing property doors and windows. Area Weighted average U value for windows and doors 2.2 W/m 2K.
System 1 background ventilation to double glazed units serving habitable rooms; i.e. bathrooms, shower-rooms and utility rooms to have min ventilation area of 5000 mm2 and opening lights (windows) venting 1/20th of floor area of room served at 1.75m above floor level.

Electrics:

Wiring, lighting and socket points to clients requirements and must comply with BS: 7671 and the IEE wiring regulations. Installed by a qualified person and approved by a member of the EEA.

Pitch Roof:

Roof finish: min 15 degree pitch, tiles to match the existing finish as far as possible. Fix tiles in accordance with Code of Practice, secure to softwood battens, min lap 75mm, approved reinforced roofing felt. 225 x 47mm SC24 Timber @ max 400mm C/C, cut into space between wall plate and bearing joist, with M12 100mm fixing bolt @ 900mm C/C, 12.5mm foil back plasterboard with 100mm insulation batts in space provided allowing for natural ventilation from Eaves to Ridge. All fixed to 75 x 100mm min wall plate bedded in cement mortar with holding down straps at 1200 mm centres. Lay 100mm Rollbatt insulation between joists and 140 mm over the joists. (U value 0.16 W/m2K). Provide eaves ventilation equal to a 25mm continuous vent fitted with a fly-proof screen. A Frame Tied roof rafters with 2 no M12 125mm fixing bolt and star washer between tie and rafter with SC24 250 x 47mm ridge board.

Lateral Restraint:

Where joists/rafters are parallel to the walls or wall is unsupported for more than 3 metres provide lateral restraint at 2 metre centres with 30 x 5 mm galvanised mild steel straps fitted across three joists/rafters and fix to the walls.

Drainage:

Rainwater: mini 76mm rainwater goods discharging via new and existing 50mm diameter rainwater pipe to the existing and new back inlet gullies discharging to existing main sewer. Ensuring all rainwater goods do not pass boundary wall to adjacent property, (south elevation).
Below ground; Marley pipes to BS 4660 and BS EN 1401-1 laid to minimum gradient of 1:40 with 150 mm granular surround and backfill to BS 5955 Part 6 1980. Incorporate flexible joints within 150 mm of passing through walls to allow for settlement, connect to foul sewer. Build inspection chambers min. 600 x 450mm at changes of direction, gradient or at junctions, of; 150 mm concrete base, 225 mm 2nd class engineering brick with smooth benching and standard cover frame. Fit rodding eyes at top of drainage run.

All drainage to comply with BS 8000 Part 14 and CP 8301.

All design requirements shown and described are to be altered/re-specified as per any local authority representatives requirements and or suggestions. To fall within local authority needs.

Specification: P2
Client: Mr A Farthing
Address: 26 Natn Celyn Crynant Neath
Project: Re: Garden Shed - Re Location.
Proposal: Re development of current garden layout.
Drawing: General Arrangement Drawings
Drawn By: GSP
Sheet No: A3.10 of 10
Ref: SA10 V2
Date: 29/05/20
Checked: GSP
Scale: see each layout