

All dims are to be checked on site by builder.

1No 178x102x19 kg/m UB with 300x8mm x continuous length mild steel plate welded to the bottom flange to support the soldier course of brickwork. Beam and plate to be rust protected with zinc dipping by manufacturer.

300x100 c24 timber ridge purlin with min 100mm end bearing either end.

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Rafters cut over 100x70 C16 wallplate to sit level, strap wallplate to wall at 1500mm c/c's with 1200mm m.s. lateral straps.

Ceiling beam to be 300x150 timber with min 100mm end bearing either end. Beam to support all new purlins. Client COULD use designed king post truss as designed by manufacturer.

1200x30x5mm lateral stability straps fitted as App. Doc. A1, to the external wall every 2.00m across 3No joists

BIRDSMOUTH ALL RAFTERS OVER THE POLEPLATE AND WALLPLATE AS APP. DOC A1.

Fascia board detail is to match that of the existing dwelling.

Make good all disturbed surfaces to match existing, including skirting boards and architraves around door.

100x50 c16 gable ladder to support the barge board spaced at max 400mm c/c's.

2No 150x100 r.c. lintels over new opening with min 150mm endbearing either side.

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Infill existing door openings with 100mm thick solid blockwork bonded into the existing brickwork.

5. Lay 412mm ply lining. Troughs are to be lining sheets, lapped min 100mm. Tiling to be neatly cut near channel exhaust fan.

LEVEL. Lead load max 1.20

5. Lay BS Codes of patch existing on 25 x roofing membrane spaced at max 400mm of softwood wall plates. Celotex between rafters.

5. Lay finished internally multi-finish plaster. Plasterboard, continuous strip 25mm intillation. Roof to have gap via proprietary tile's details.

5. Strapped down to walls.

5. Gable walls, straps

150x100 c24 timber ridge purlin with min 100mm end bearing either end.

100x50 c16 gable ladder to support the barge board, spaced at max 400mm c/c's.

100x50 C24 rafters spaced at approx 400mm c/c's, spanning from ridge purlin to wallplate.

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Fit 4No 'Velux' rooftop, Ref No GHL MK04 in accordance with the manufacturers details. Double 100x50 C24 rafters are to be fitted either side running from purlin to the wallplate.

Part a: superstructure.

External wall construction to be 100mm facing brickwork as agreed with client, 100mm cavity, 100mm internal leaf of concrete blockwork, 100mm insulation (iso-Wool Hi-Ca 32) to be fixed to cavity face of inner leaf. No cavity required

Stainless steel vertical twist type ties to be provided at min 750mm c/c's horizontally, 450mm c/c's vertically, reduced to 300mm within 225mm from the sides of all openings.

Compressive strength of brick outer leaf to be min 20 n/mm²

Compressive strength of blockwork inner leaf to be min 7 n/mm² unless specified otherwise by structural engineer. Use 'thermatec hi-strength' or similar approved for the inner leaf.

Mortar to comply with bs5628pt. 1: 2005 and match the existing in colour and texture as closely as possible.

Lateral support at roof level to be provided by 30x5mm. Galvanised mild steel straps at not more than 2.000m c/c's taken over the first three rafters. Fit 100x50 noggins between rafters under straps.

Roof covering to be laid in accordance with relevant code of practice and manufacturers details on 38x25mm sc3 treated s.w. Tile battens on 'tyvek' breathable roof membrane on rafters nailed to 100x50mm wallplate with 2no 90x4mm nails. Wallplate to be securely strapped to blockwork inner leaf by 1200x30x5mm galvanised mild steel straps at 1800 mm c/c's wall. For roof timber sizes see

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Typical Bathroom Lock and Catch.

**57mm
GRIDLOCK**
bathroom lock.
57mm. It uses
an independent
latch and
deadbolt for use
with bathroom
furniture. It has
been tested to
EN12209:2003
and can be used
on fire doors.

Proposed Roof Member Layout

Bathroom/En-Suite/WC Locking mechanism.

External Brass
Tap with Hose
Union 15mm.

Brushed Satinless Steel thumbturn and release, one set per bathroom door. As agreed with the client.

**SITE ADDRESS:
8 WOODSTOCK
DRIVE,
TOTTINGTON, BURY
BL8 4BW
THE CONSTRUCTION
OF SINGLE STOREY
EXTENSION AT THE
SIDE/REAR OF THE
DWELLING HOUSE +
PORCH TO FRONT
ELEVATION +
INTERNAL/EXTERNAL
ALTERATIONS.**

LEAD WORK AND FLASHINGS

All lead flashings, any valleys or soakers to be Code 5 lead and laid according to Lead Development Association. Flashings to be provided to all jambs and below window openings with welded upstands. Joints to be lapped min 150mm and lead to be dressed 200mm under tiles, etc. All work to be undertaken in accordance with the Lead Development Association recommendations.