

MR & MRS HALL

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Proposed Building Materials to be used
on new extension at 150 Whalley Rd
Chiltheroe Lancashire BB7 1HW.

Footings

320130250P

New footings to be dug to a depth of
900 mm or until ideal ground is
reached. The width of the footings
will be 600 mm wide.

150 mm x 600 mm Concrete Strip footing
to be laid. Footings built up of
Strip of concrete to dpc level with
100 mm dense concrete block, 300 mm
wide in all with a 100 mm cavity
using a 3:1 Sand and Cement mix.
Cavity then to be filled with concrete
just below dpc level with a slight
angle outwards.

Concrete Slab.

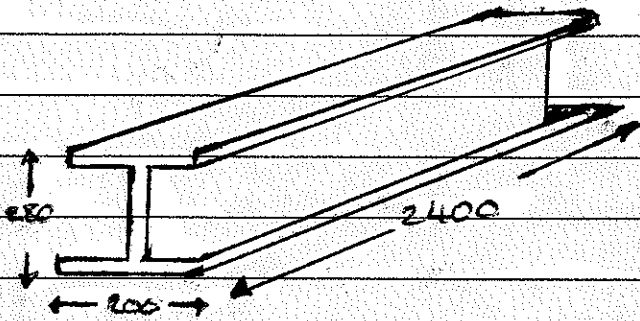
150 mm of Compacted hardcore with a
blinding of sand.
100 mm of Kingspan or equivalent to
be laid over blinding of sand.
25 mm upright insulation to be put
around the perimeter of slab base.
1200 gauge Visqueen to be placed
over the insulation and lapped onto
internal leaf.
20 mm Concrete Slab then laid to dpc level.

Lateral existing rear wall

New opening to be created to the existing rear store wall of the property.

300mm x 600mm Concrete padstones put into position ready to receive new RSI lintels

3 No 2400mm x 200mm x 280mm RSI fixed into position and bolted together with threaded bar.



Drainage

All drainage to be moved to the satisfaction of the building inspector.

Drainage to be reconnect to the existing.

All top water to be connected to the existing.

150mm x 25mm black upvc fascia board to be fixed into position onto the feet of the roofing spars and a soffit then applied underneath.

100mm half round upvc black gutter to be fixed to the fascia board and a 68mm outlet and downspout fixed into position for top water.

Internal Walls

All associated electrical and plumbing work carried out.

All internal walls to receive 12.5mm Plasterboard, dollylined and given a 2 coat Skim finish.

Ceiling to receive 12.5mm plasterboard and given a 2 coat Skim finish.

External walls.

Blockwork to the outer leaf of the new extension to receive a waterproof sand and cement scratch coat of 3:1. A final top coat of k-render to be applied to clients specification.

Roof

200mm x 75mm wallplate fixed and bolted to existing rear wall.

175mm x 50mm roof Spars to be used at 400mm centres and fixed to both wall plates.

100mm Kingspan or equivalent to be used and fixed between roof Spars.

x 2 1000mm x 1000mm Velux top hung windows roof lights to be installed into new roof.

Breathable roofing felt to be applied to roof and tanalized 19x38mm Slate battens to be put into position at the required centres.

Blue welsh roofing Slate 300mm x 600mm to be put into position with galvanised roofing nails and lapped accordingly.

A Cavity tray will be built into the rear wall of the property where the new extension abbutts. All finished off with code 4 lead flashing and sealed to new roof.

Verges to be finished with a 150mm cement board and pointed with a 4:1 Sand and cement mix.

External and Internal Walls.

100mm thermalite concrete block to be laid from dpc level to verges and eaves. internal leaf only.

100mm dense concrete block to be laid to external leaf leaving a 100mm cavity from internal leaf end incorporating 50mm kingspan insulation to backside of internal leaf which will also have cavity ties of which will be 225mm and spaced at 450mm centres with retaining clips for the insulation to be held.

Where new walls meet existing property Stainless Steel fix wall ties will be used and tied into blockwork at every 450mm in height.

Above door and window openings 150mm x 100mm concrete lintels to be used and seated at each end by 150mm.

Cavity traps to be installed with weep holes at every 450mm centres.

Cavities to be closed with appropriate closers.

100mm x 50mm treated wall plate to be fixed into place with 900mm wallplate brackets.