Warm Deck Flat Roof:
200mm x 50mm C24 Timber joists at 400c/c.
Noggings to be used between joists at every 1.5m c/c.
Lateral restraint straps to be used on each flank wall across noggings - 2 in number.

Insulation to meet a minimum U-Value of 0.18W/m2K.
Options - Insulation above deck - 150 TR31 Kingspan or 150mm Celotex TD4000

DPC - 150mm above GL Minimum and Lapped in with existing and DPM

External Wall Construction

(ABOVE RETAINING WALL LEVEL)

100mm Facing Blockwork Finished in Render
100mm Cavity filled with 90mm Kingspan interlocking Cavity rigid insulation
100mm Blockwork Internal with plasterboard on plaster dabs

Retaining Wall :
Hollow Dense 7N Concrete Blocks laid Flat
Infilled holes with T12 @ 200 c.c, connecting to Slab Below.
40mm concrete cover to reinforcements

Tanking to both internal and outside face of wall protected with boarding.

Cavity Tray-
To be installed to join onto C Section DPC. Weepholes to be provided at 450mm c/c above DPC on outer leaf brickwork

GROUND BEARING SLAB/RAFT:
150mm hardcore, 50mm sharp sand, lapping DPM, 100mm Rigid insulation, followed by 200mm Slab with B283 Mesh Top and Bottom. Shorter Mesh to span horizontally. T25 Bars to be every 3m Vertically and Linked with R8 Bars at 250 c.c

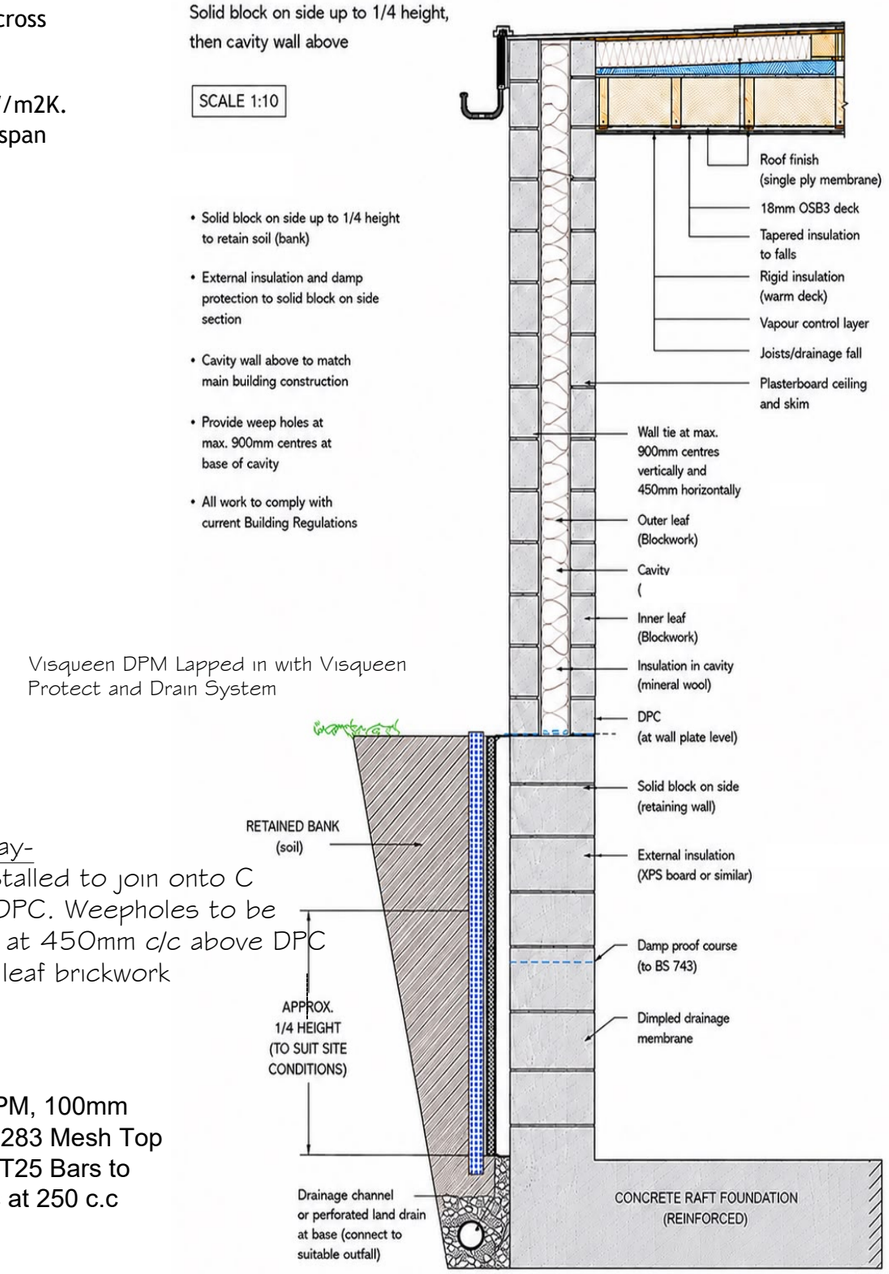
EXTENSION DETAILS

BACK WALL - SECTION DETAIL

Solid block on side up to 1/4 height, then cavity wall above

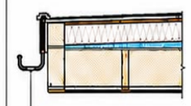
SCALE 1:10

- Solid block on side up to 1/4 height to retain soil (bank)
- External insulation and damp protection to solid block on side section
- Cavity wall above to match main building construction
- Provide weep holes at max. 900mm centres at base of cavity
- All work to comply with current Building Regulations



Gyproc Moisture Resistant Plasterboard

ROOF SECTION (WARM DECK)
SCALE 1:10



Warm deck flat roof with external guttering

KEY
- Blockwork (outer & inner leaf)
- Insulation
- DPC
- External Insulation
- Dimpled Drainage Membrane
- Drainage Channel / Land Drain

ANY CHANGES FROM APPROVED DRAWINGS ARE THE RESPONSIBILITY OF CLIENT/CONTRACTOR – PLEASE READ CLAUSED BELOW BEFORE WORKS COMMENCE

Any dimensions taken from this drawing should be cross checked on site and approved prior to any construction works. The contractor shall be responsible for taking all necessary site dimensions and levels and for all exploratory works to verify any existing structure before commencement of works. The contractor will be responsible for all the correct setting out and temporary supports of works on site to property and neighbouring properties

No liability taken of any kind is accepted by Architect for any error or omission Where new work is near/on boundary line/party wall the property owner is to serve party wall notice to the adjoining property/land owner in accordance with the requirements of the 'Party Wall etc.' Act 1996

Contractor responsible for notifying of Building Control Surveyor of each stage of works and ensure inspections have been made. All details to comply with current building regulations and Building Control Approval. Work not to commence until approval of plans by Building Control Body. Any works that commence before Building Regulations drawings have been approved is responsibility of client.

After confirmation from local authority that prior approval is not required, proposed extension must comply with all permitted development criteria set out under the General Permitted Development Order 1995

Any development carried out without Permitted Development Certificate is at owner's own risk. It is strongly advised that a Permitted Development Certificate/Certificate of Lawfulness is sought prior to commencement of any works

FD30 — FD30
All habitable room doors to be replaced with FD30 doors with 38x25mm Door Stops and 3 No Stainless Steel Hinges.
Middle Hinge to be installed at least ⅔ of way up door frame

SD — Mains powered with battery back up interlinked smoke detector to be installed within at least 7.5m of all habitable rooms and at least 30cm from any light fitting or wall

HD — Mains powered and interlinked operated heat detector with battery back up

Ex — Extractor fan for shower room – 15l/s and Kitchen 30l/s to be taken through to run and expel externally

For Structural Steelwork refer to Structural Engineer's Drawing. Beams indicated by red dashed lines (see right)

All Steel work to be encased in 2 layers of FireLine Board with staggered joints or fire resisting intumescent paint in accordance with manufacturer's guidance to provide minimum 60min fire resistance
All Steel work to only be ordered once contractor has confirmed dimensions on site and positioning with client. Any discrepencies noted to be discussed with Surveyor prior to ordering any steel work. No responsibility taken by Surveyor for steels ordered to match site conditions

A-Z Building Services

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E: hthuseyin0809@msn.com

T: 07969925562

SUBJECT TO Approval

CLIENT	PROJECT	DRAWING	STAGE
Mr and Mrs SMITH	Wendover Lower Rochester Road Higham Rochester Kent ME3 7HD	DETAILS	Building Control

	CHECKED ·	APPROVED ·
·	SCALE @A3	DATE
DRAWING No. 17 CHAWORTH - 13		REV A

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