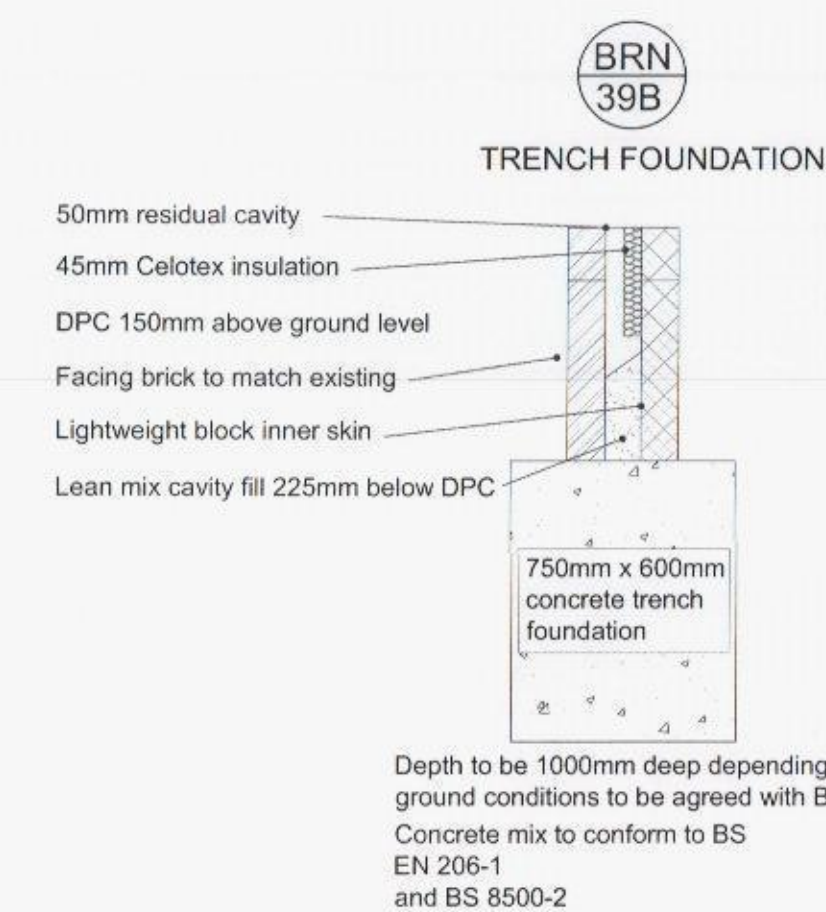


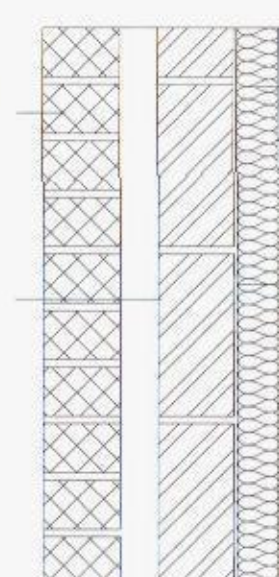


13 PROPOSED FOUNDATION DETAIL 1:20

BRN 8B

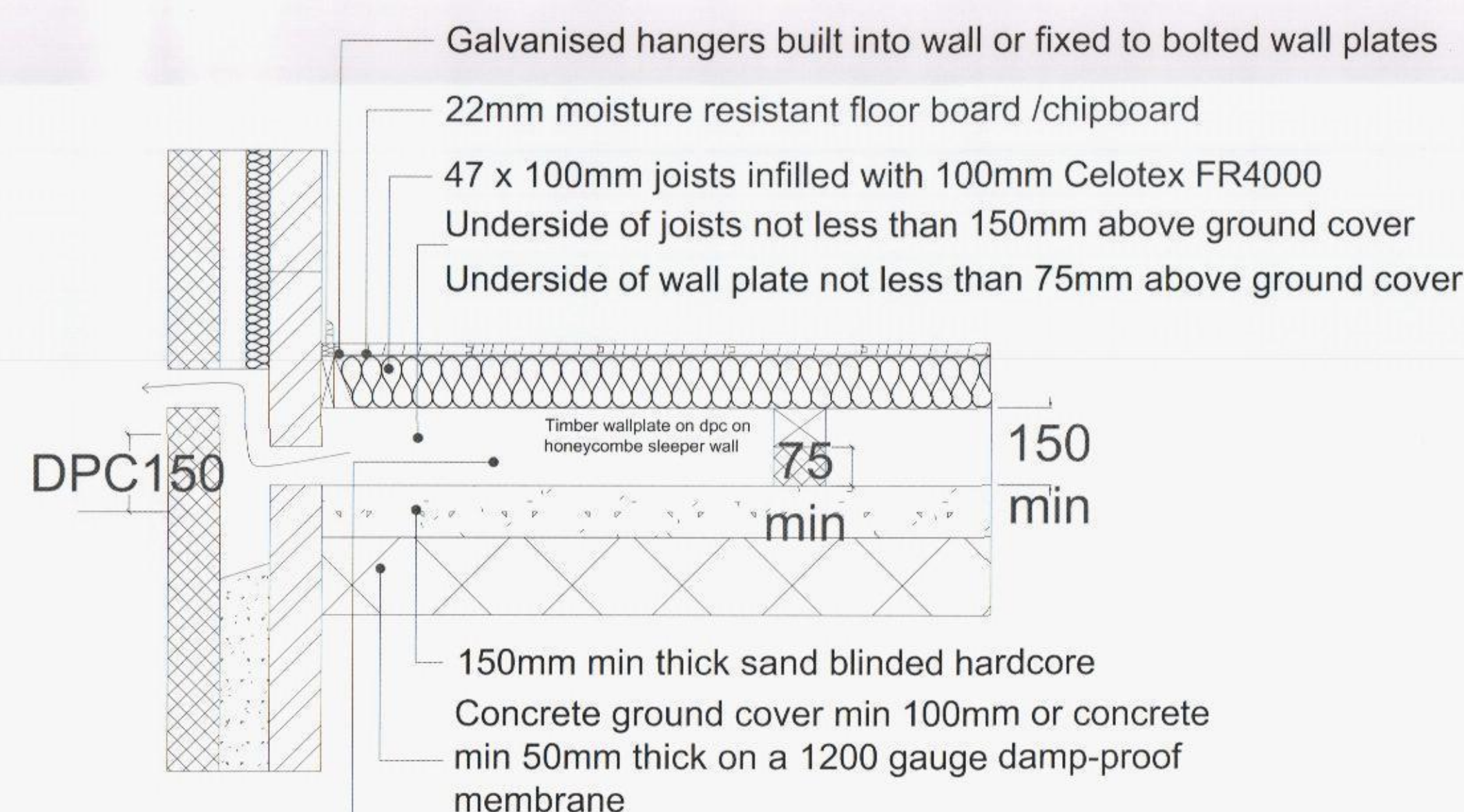
UPGRADING EXISTING CAVITY WALL

External skin of 103mm existing brickwork
Internal skin of 100mm brick or blockwork



67.5mm Celotex PL4000 insulated dry lining board manufactured to EN ISO 9001:2000 with 3mm skim plaster
Plasterboard to be fixed using dot and dab bonded to the existing construction with proprietary adhesive at 300mm centres vertically/horizontally
Tape joints and the seal perimeter edges with mastic, to provide a vapour control layer (VCL). All work in accordance with BS 8212: 1995 (Code of practice for dry lining)

17 PROPOSED GARAGE WALL UPGRADE 1:20



14 PROPOSED FLOOR SECTION 1:20

EAVES DETAIL FOR TIMBER FRAME (PROJECTING - BOXED EAVES)

Eaves ventilator tray to ensure a 50mm ventilation gap

Cross ventilation to be provided by a proprietary eaves ventilation strip equivalent to a 25mm continuous gap at eaves level with insect grill and 50mm air gap between felt and insulation

Cavity barrier / fire stop (50mm thick wire reinforced rock mineral wool)

Structural timber frame. Provide a layer of PIR insulation over studs to prevent thermal bridging

18 PROPOSED EAVES DETAIL 1:10

RIDGE TO MATCH EX.

WALL PLATE TO MATCH EX.

103mm facing brick
Polyurethane foam insulation
Weep holes (min 2 per lintel at 450mm centres)
Joint filled with polyethylene foam and sealant pointing
Ensure masonry overhang does not exceed 25mm
Lintel drip to project forward of the frame
Window frame and glazing to architects specification

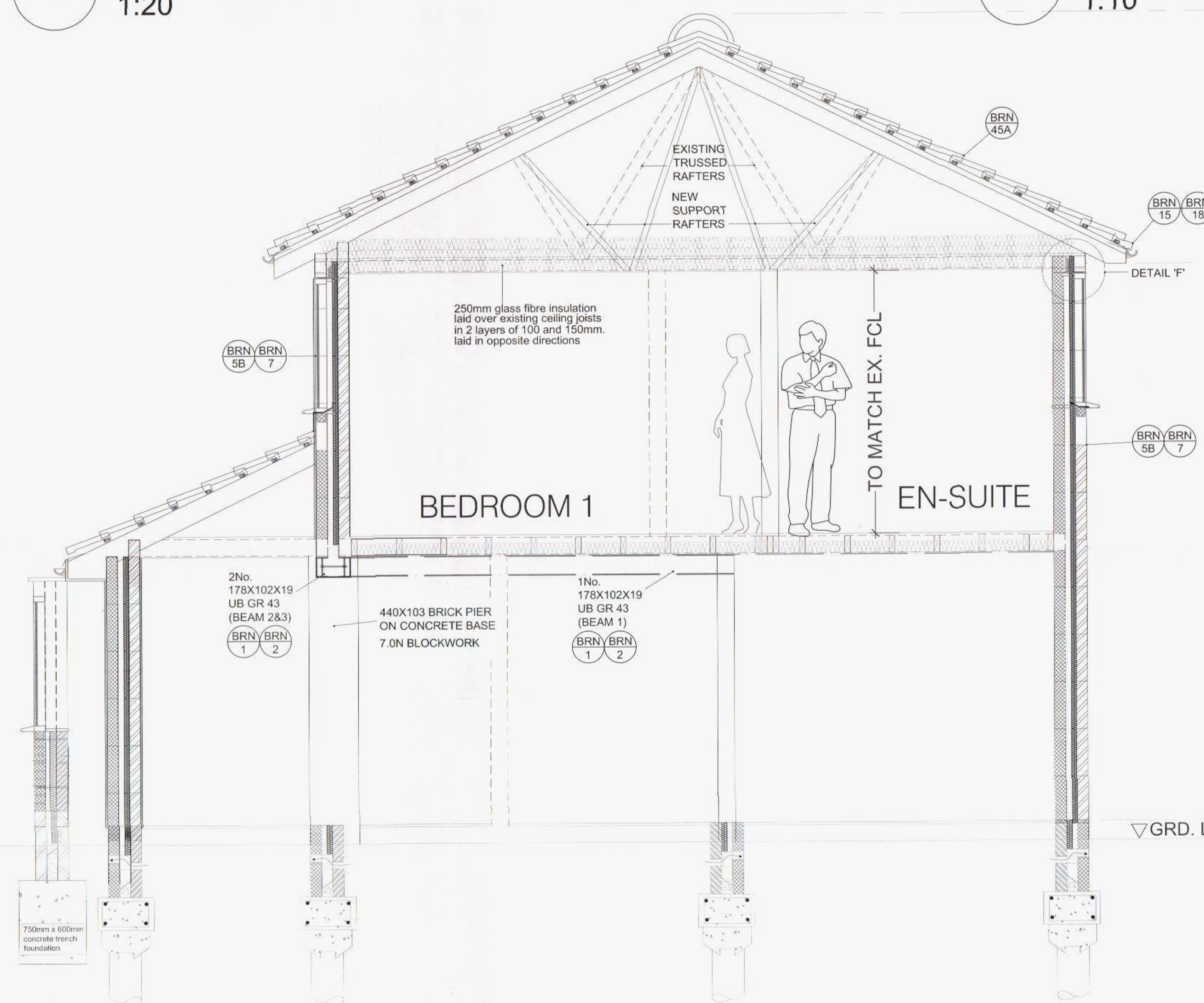
DETAIL 'F' WINDOW HEAD AND LINTEL

15 PROPOSED DETAIL 'F' 1:10

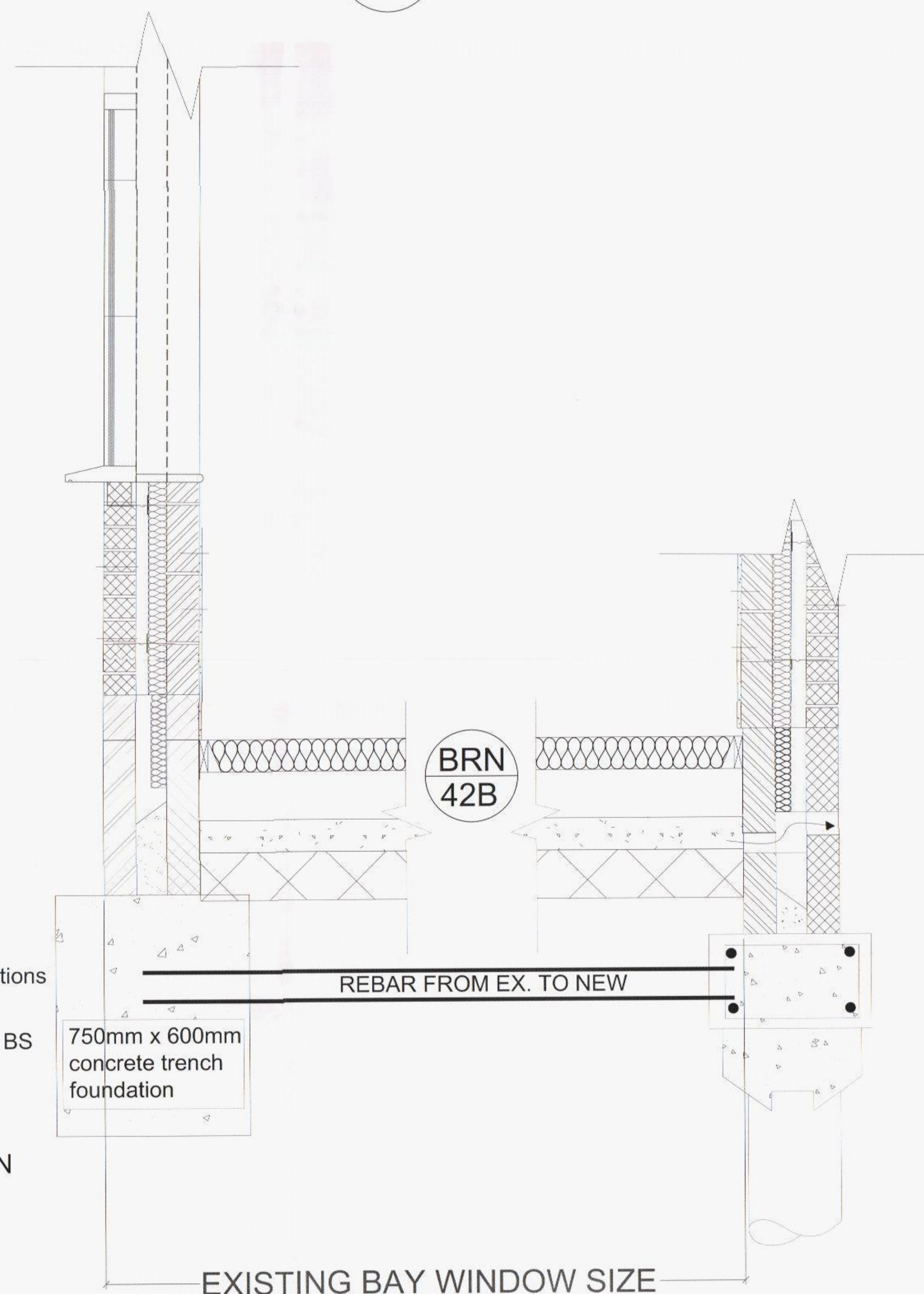
PARTIAL FILL CAVITY WALL

103mm facing brick to match existing
Provide a 50mm clear residual cavity
Stainless steel retaining wall ties type suitable for cavity width built in at 750mm ctrs horizontally, 450mm vertically and 225mm ctrs at reveals and corners in staggered rows
60mm Celotex CG4000 insulation fixed to inner skin
100mm standard block K value 0.15 (Celcon Standard, Thermalite Shield, Toplite Standard)
Internal finish 13mm lightweight plaster or plasterboard on dabs
Provide horizontal strip polymer (hyload) damp proof course to both leaves minimum 150mm above external ground level made continuous with floor DPM

16 PROPOSED WALL SECTION THRU' 1:20



19 PROPOSED SECTION A-A 1:25



20 PROPOSED SECTION B-B 1:10

BRN 39B

Depth to be 1000mm deep depending on ground conditions to be agreed with BCO
Concrete mix to conform to BS EN 206-1 and BS 8500-2

TRENCH FOUNDATION

NOTE:
DRAWING: BARNETT 01A TO BE USED IN CONJUNCTION WITH ASSOCIATED BUILDING REGULATIONS NOTES BARNETT/BRN.
DIRECTIONAL NORTH ARROW SHOWN ON BLOCK & LOCATION PLANS BARNETT/BLP.

BRN 1

DENOTES ATTACHED BUILDING REGULATION NOTES
DENOTES ITEM No.

MODIFICATIONS		ISSUE:	
TITLE PROPOSED SINGLE FIRST FLOOR EXTENSION		SANT BOROUGH COUNCIL 1.1 SEP 2013	
CUSTOMER MR & MRS BARNETT 3 BROADMEADOW LANE, WATERLOO VILLE, HANTS, PO7 8QL		RECEIVED	
DRAWN BY:		DRAWING NO: BARNETT 01A 2 OF 2	
DM DESIGNS		SCALE: VARIES: DATE: 27.08.2013 REVISION: A A0	