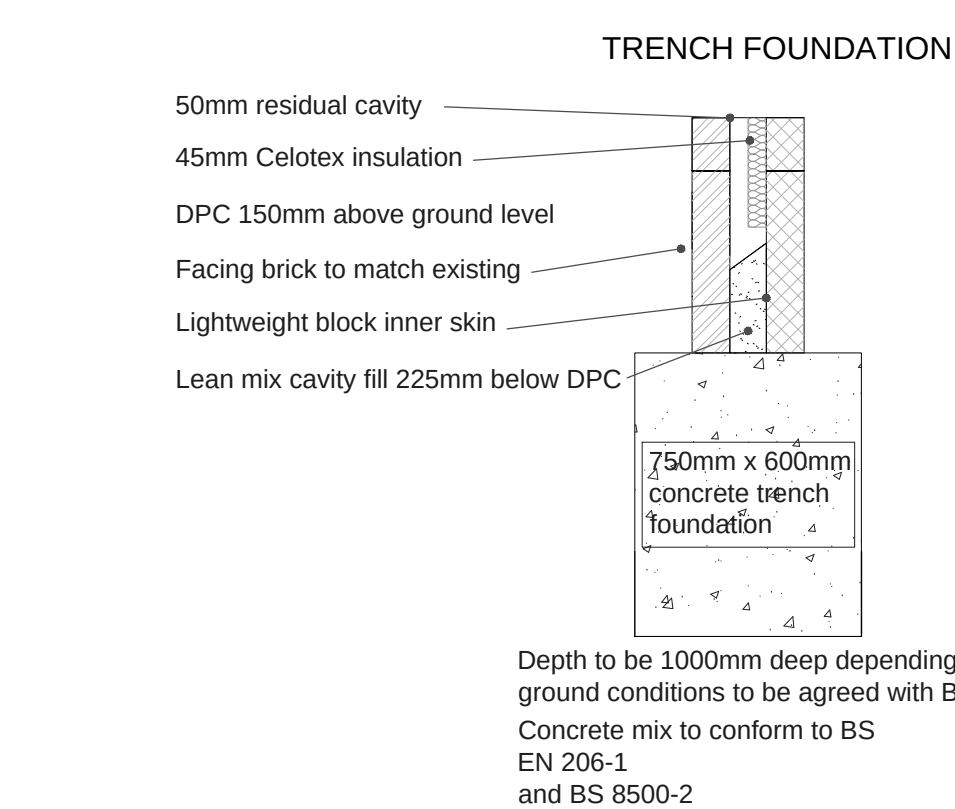




BRN 42E

TIMBER SUSPENDED FLOOR

- Galvanised hangers built into wall or fixed to bolted wall plates
- 22mm moisture resistant floorboard (chipboard)
- 47 x 220mm joists infilled with 110mm Celotex FR4000
- Underside of joists not less than 150mm above ground cover
- Underside of wall plate not less than 75mm above ground cover
- Concrete ground cover min 100mm or concrete min 50mm thick on a 1200 gauge damp-proof membrane
- 150mm min thick sand blinded hardcore
- Ventilation openings having an opening area of 1500mm² per metre run of perimeter wall or 500mm² per square metre of floor area whichever gives the greater opening area

DIM 'X' TO SUIT SITE CONDITIONS

600

Timber adaptable to suit site conditions

**BRN
5B**

PARTIAL FILL CAVITY WALL

103mm facing brick to match existing

Provide a clear residual cavity

60mm Celotex CW4000 insulation fixed to inner skin

100mm standard brick K value 0.15 (Celcon Standard, Thermatite Shield, Toplite Standard)

Internal finish 13mm lightweight plaster or plasterboard on dabs

Provide horizontal strip polymer (hytoid) damp proof course so both leafs remain continuous above external ground level made compliant with floor DPM

Stainless steel retaining wall tiles in type suitable for cavity width built in at 750mm ctrs horizontally, 450mm vertically and 225mm ctrs at reveals and corners in staggered rows

UPGRADE OF SINGLE BRICK WALL

Existing brickwork

Breathable membrane- having a vapour resistance of not more than 0.6 MNs/g

BRN 8C

Inner leaf of timber studwork using 100mm x 50mm treated timbers with head & sole plates and noggins at 400mm c/c ensuring a 50mm clear cavity between existing wall and new stud

Insulation between and over studs: 90mm Celotex FR4000 between and 37.5mm Celotex PL4000

CONTRACTOR TO ENSURE
NEW TILES TO MATCH
EXISTING

DRAINAGE PIPE RUNNING THROUGH
FALSE FACADE INTO
GUTTER/DOWNPipe WITHIN
FASCIA/SOFFIT

NEW TIMBER WALL PLATE STARRPED
TO WALL USING 900mm LG
30mmx6mm THICK RESTRAINT
STRAPS BENT 100mm OVER WALL
PLATE AND PLUG AND SCREWED TO
FACE OF BLOCK WORK AT 900mm
CTRS.

CODE 4 LEAD FLASHING/CAPPING STRIP

100 x 50mm SC3 RAFTERS

18mm OSB

EPDM RUBBER MEMBRANE/
SUITABLE ROOF COVERING
BY SPECIALIST SUPPLIERS DETAILS
PENETRATIONS FOR DRAINAGE AS PER
SUPPLIERS DETAILS AND SEALED ACCORDINGLY

100 x 50mm BRACING RAFTERS

220

220

EPDM RUBBER MEMBRANE/
SUITABLE ROOF COVERING
BY SPECIALIST SUPPLIERS DETAILS
PENETRATIONS FOR DRAINAGE AS PER
SUPPLIERS DETAILS AND SEALED ACCORDINGLY.

125MM CELOTEX TA4000 INSULATION

22MM EXTERNAL QUALITY PLYWOOD DECKING OR SIMILAR
APPROVED ON SW FINISHES TO MINIMUM 1 IN 80 FALL

47 X 2200 GRADE C24 JOISTS AT 400 CTRS
(SEE ENGINEERS DETAILS FOR SIZES)

WARM FLAT ROOF

220

BRN 43D

DETAIL 'C'
(OPTIONAL)

Architectural floor plan of the 1st floor of a building. The plan shows a large rectangular area with a staircase on the left and a smaller room on the right. Dimensions are provided for the overall footprint (9489 x 12695) and various sections. Key features include a 'STAIRS' area, a 'STAIRS' area, a 'STAIRS' area, and a 'STAIRS' area. Callouts indicate 'DETAIL C' and 'DETAIL D'. The plan is labeled '1ST FLOOR' and '12695'.

JOIST BUILT INTO EXTERNAL WALL

Struck and recessed mortar
joint filled with sealant

Bead of sealant applied
between wall and joist

A continuous 5mm wide opening or the equivalent area is required to the length of the ridge

Roofing tiles to match existing

Breathable membrane

47 x 150mm grade C24 rafters at max 400mm centres

Cross ventilation to be provided by a proprietary eaves ventilation strip equivalent to a 25mm continuous gap at eaves level with insect grill

47 x 150mm grade C24 rafters at max 400mm centres

150mm FR4000 Celotex between ceiling joists and 25mm over

Polythene vapour barrier between insulation and plasterboard

Finish with 12.5mm plasterboard and min 3mm plaster

ROOF DETAIL

BRN 45A

BRN — DENOTES ATTACHED BUILDING REGULATION NOTES
1 — DENOTES ITEM No.

PROPOSED SINGLE STOREY REAR EXTENSION &
DOUBLE STOREY SIDE EXTENSION
INCORPORATING ANNEXE TO GRD FLOOR

MRS L PETERS
60 ST JOHNS AVENUE, PURBROOK, WATERLOOVILLE
HANTS. PO7 5QU


 Turn your dreams ... into a building!

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