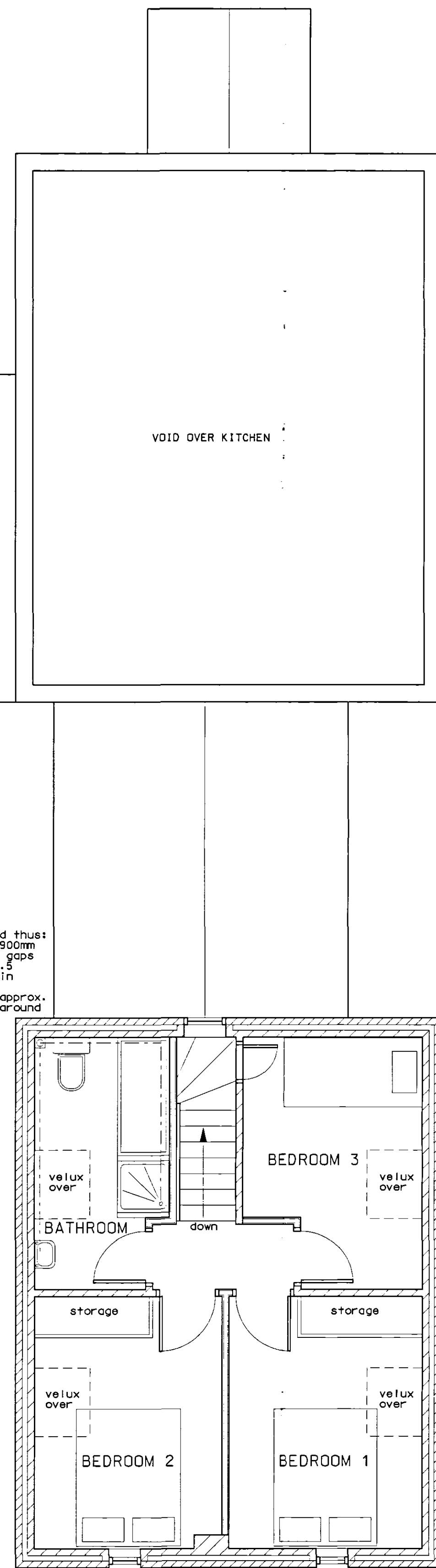
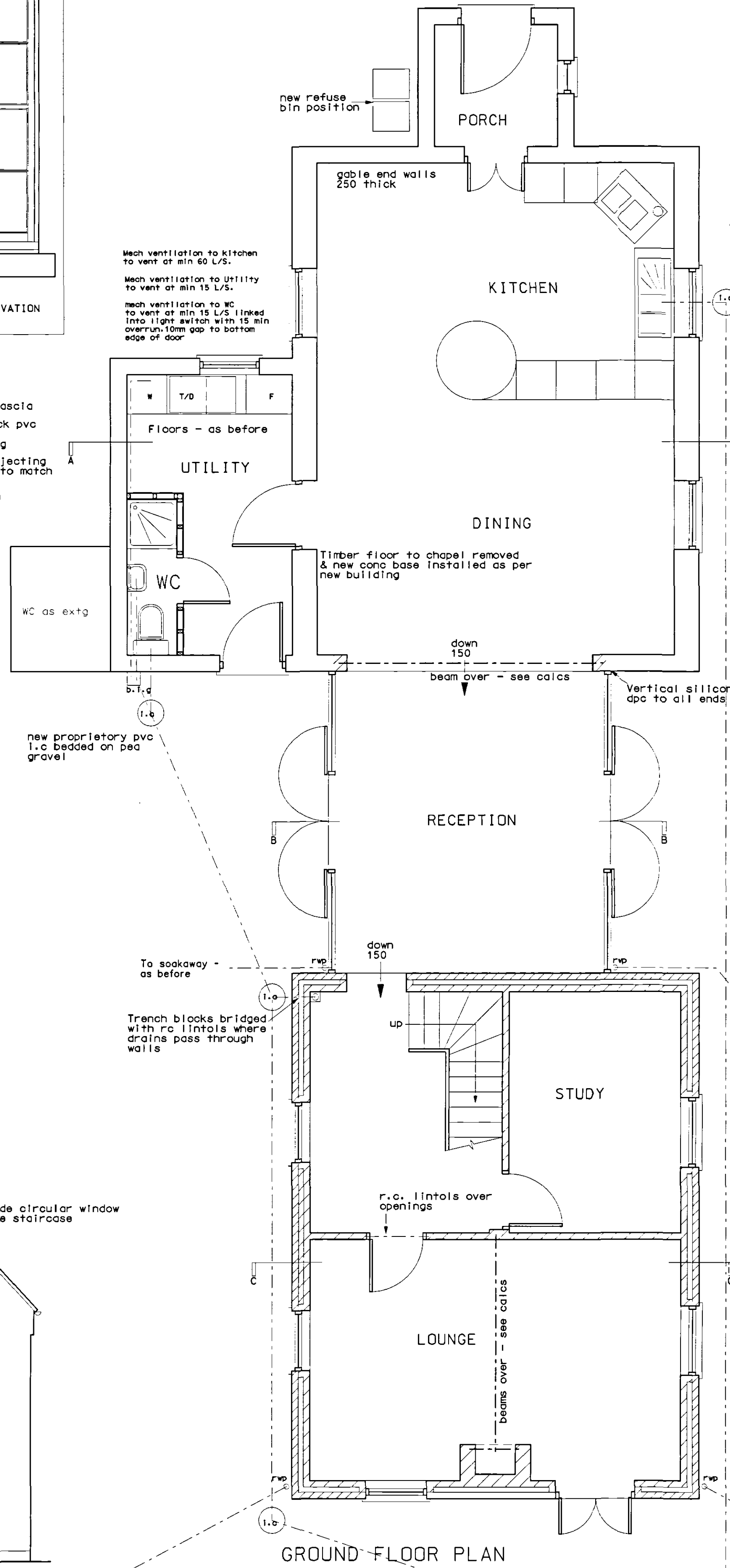
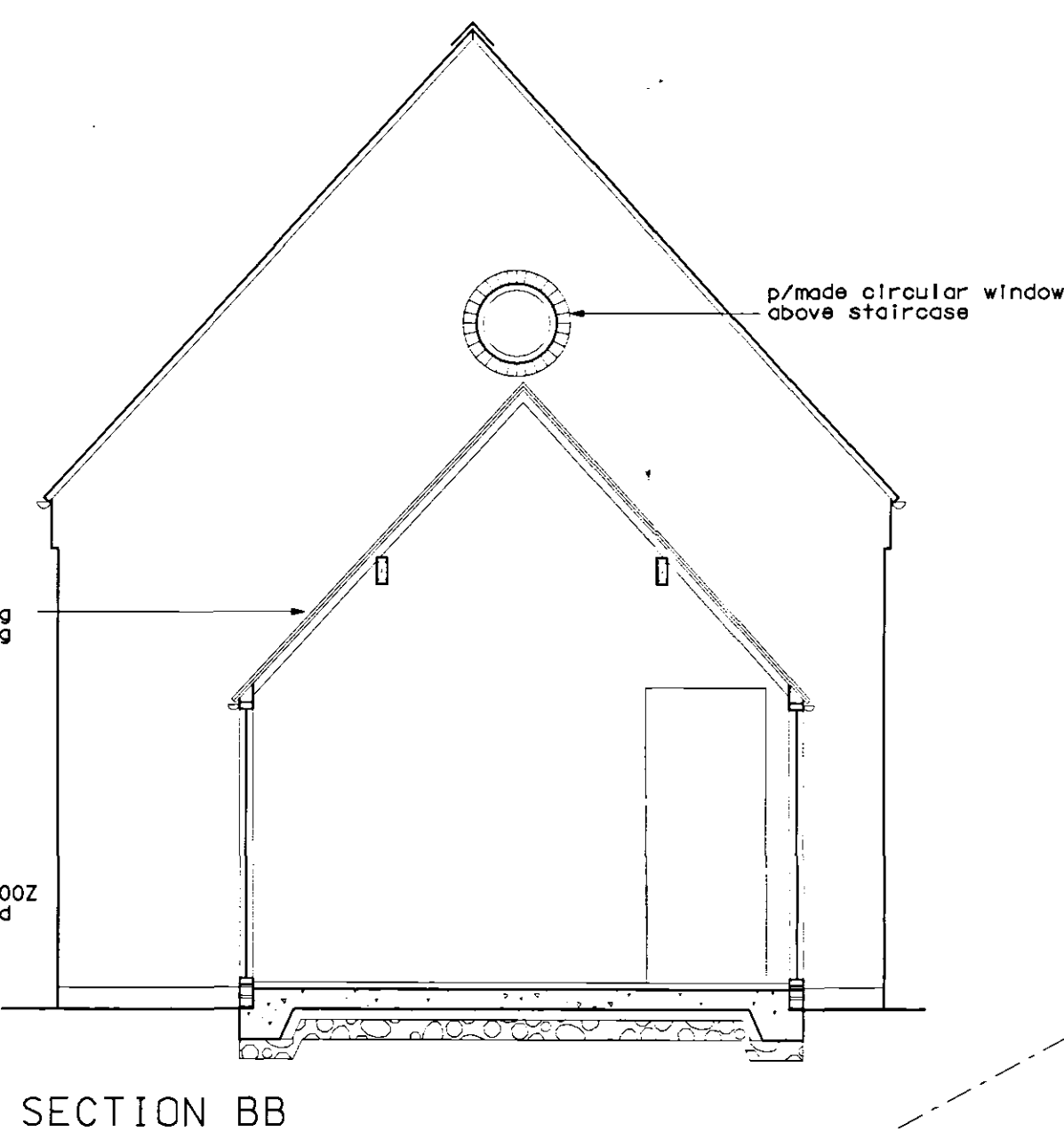
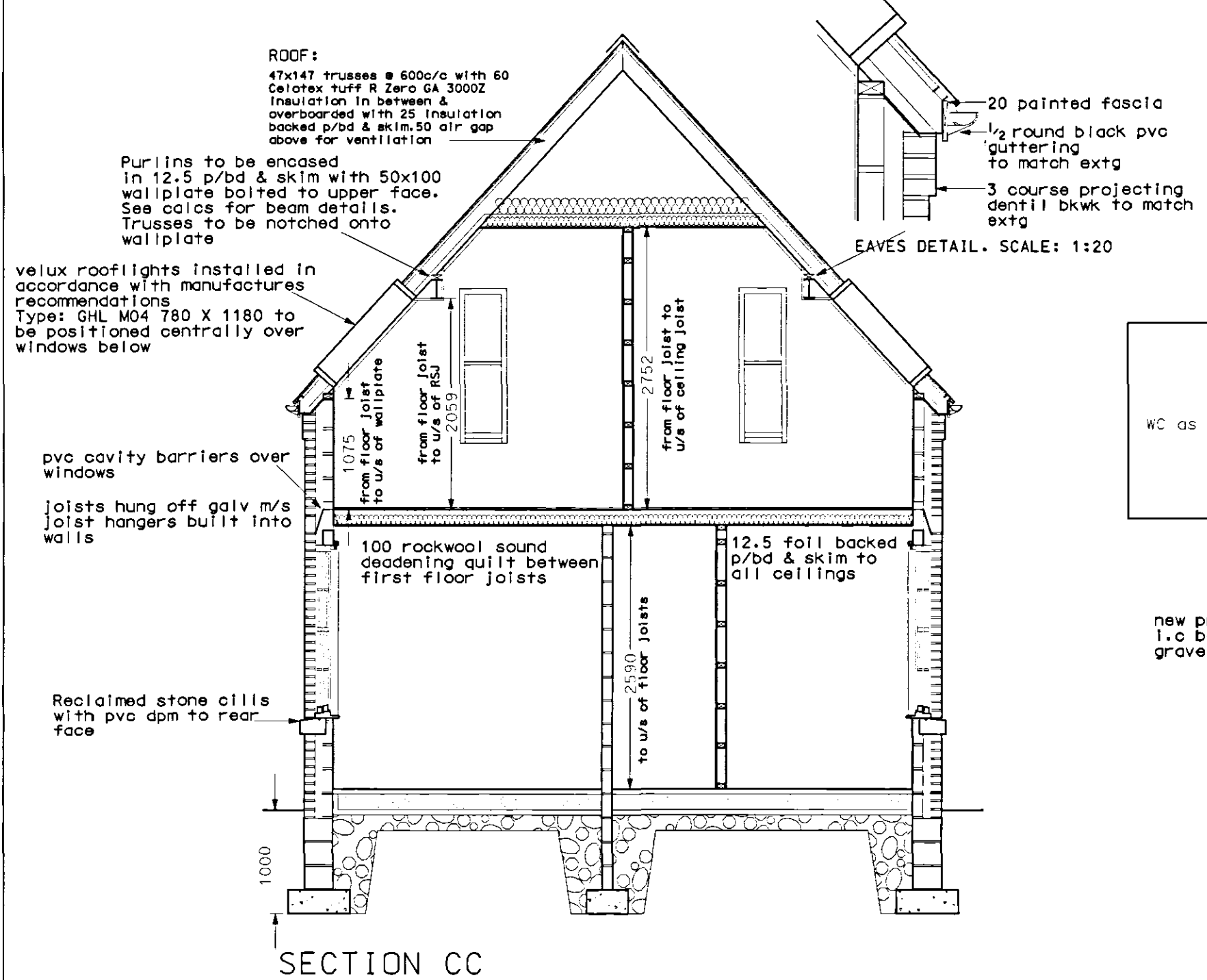
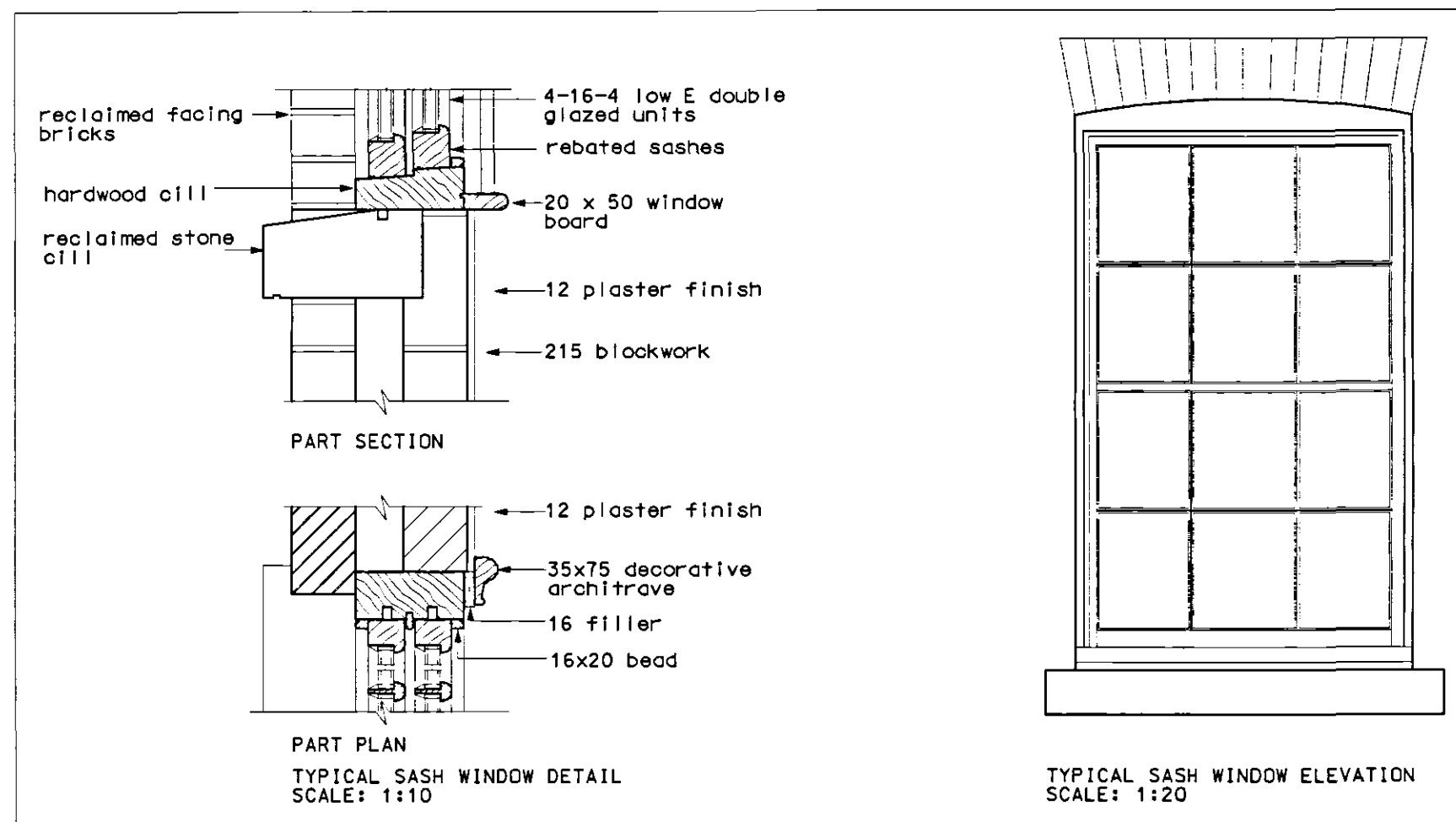




NOTES:

All dimensions in millimetres. All details to be checked on site. Any variations to be agreed with client and Building Inspector.

SPECIFICATION: TRUSSED RAFTERS

ROOF:

Slates to match existing on 50x19 tanalised battens on Spanflex roofing membrane on trussed rafters to comply with CP 110 & BS5268 Pt3 1985 @ 600 c/c onto 50x100 wallplate. Calculations to be submitted to Building Control to prove adequacy of trusses. 25x100 diagonal bracing spanning min 500 rafters. Pilon to match existing. 50 deg approx Plate secured to walls by galv m/s joist straps @ 1800/c nailed to joists & built into walls. Straps to span min 3rd joists on 50x100 noggins fixed between joists. Natural ventilation to roof space provided by proprietary continuous ventilators set into soffits min 25 wide. Gaps filled with bird proof mesh. 100 fibre glass insulation between ceiling joists & 150 fibre glass insulation laid over joists.

FLASHINGS AND LEAD WORK:

To be code no 4 lead on. To be turned up 150 & dressed into b/wk.

EXTERNAL WALLS:

Reclaimed facing bricks to external skin to match existing. S/S ties @ 450 vert & 900 horiz in 15 cavity filled with Drytherm insulation or approved similar. Inner skin to be Thermalite Turbo or approved similar insulating blockwork finished with lightweight plaster. Cavities sealed at head.

LINTOLS:

Structural brick arches with pvc cavity tray to openings in external walls. Cavities filled with eps insulation and built in 150 each end. Prestressed r.c. lintols to inner skin.

FENESTRATION:

Sliding sash frames to match existing with spring balances. 4-16-4 low e K glazed sealed units. Openings equal to 1/20 of floor area of room served. Cills & jams to be filled with 60 eps insulation. Bedrooms to have trickle vents to provide background ventilation with a minimum 8000sahr as closeable vent & an openable window with a minimum area of 1/20th floor area. 650 X 550 min escape window to each new bedroom. Cill 1900 from ffl.

BEAMS:

See calcs for details of beams built in min 150 each end and bearing on 2nd course of b/w bricks. Encased in p/bd & skim to achieve 75 F.R. and finished plaster skim coat.

FIRST FLOOR:

50x150 tanalised SCL joists @ 400 c/c built in 100 each end. 50x150 struts at mid span. 19 7kg moisture resistant boarding. 6x32 galv m/s joist straps @ 1800 c/c as before. 10 rockwool sound deadening quilt between joists.

GROUND FLOOR:

50 sand/cement screed on 150 conc on building paper on min 75 Celotex tuff R Zero GA 3000Z insulation turned up at edges for full thickness of concrete on 1200g pvc com on 25 sand blinding on 150 consolidated h/c. P/A calc = .63

PARTITIONS

Internal partitions to be 75x50 studding finished 12.5 foil backed p/bd & skim to all areas. Where partitions run parallel to floor joists then joists to be doubled up & spiked together.

DPC:

Vertical to be 230 2000p pvc securely fixed to back of frames. Horizontal to be 100 bit felt to each skin min 150 above ground level.

FOUNDATIONS:

230 intak x 600 wide conc strip footings throughout taken down to a load bearing strata min 1000. Walls below dpc to be in conc trench blocks. Where drains pass through walls allow for 10 conc lintols & sleeving with 50 eps all round. Where drains are within 1000 of foundations depth to be increased to ensure bearing pressure of foundations is below invert level of drains.

DRAINAGE:

Surface water to be via 125 pvc gutters and 100 fall pipes connected to soakaway. Foul to be 38 pvc from whb fitted with deep seal trap. 50 pvc from shower and 100 pvc from wc to connect to existing septic tank via d.i.g. & 110 pvc underground drains.

FIRE SAFETY & ENERGY CONSERVATION:

Automatic interlinked fire detection & alarm system to be installed in accordance with BS 5446: Pt 1:1990. 1no low energy light fitting with luminous efficacy greater than 40 lumens per circuit watt. Fitting to be capable of taking this type of lamp only.

ELECTRICAL INSTALLATION:

To be installed by a competent person as defined by Part P & of the Building Regulations & in accordance with the latest electrical regulations. Installation & test certificate to BS 7611 to be supplied upon completion.

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 Mobile: 0771 362 5258

- ARCHITECTURAL DESIGN
- HOUSE EXTENSIONS & COMMERCIAL
- RETAIL DESIGN
- CONCEPTS & LAYOUTS
- SURVEYS
- MICROSTATION

B: 00/00/05
DETERMINED
 A: PLAN
 Details added

REVISIONS:

TITLE:
 THE CHAPEL
 MILLBANK
 FLEET FEN
 SPALDING
 LINCOLNSHIRE, PE12 8QW
 PROPOSED FLOOR PLANS

CLIENT: SELF

SCALE: 1:50 **DATE:** 29/09/04

DRWG NO: CH/03/05A

SPC
 Planning & Design team
 21 NOV 2005
 REF: 160905