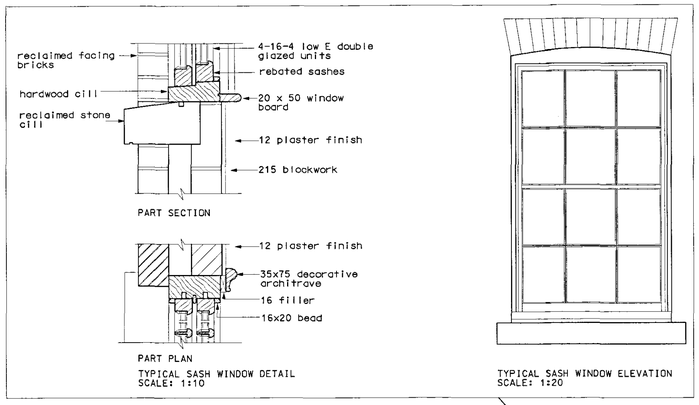
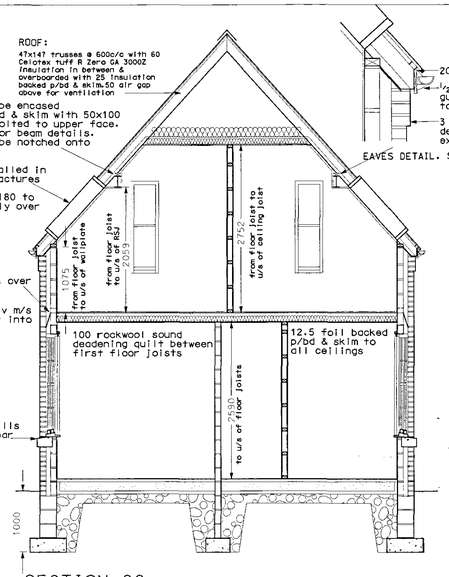
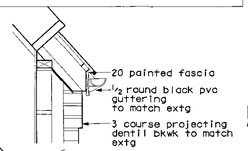


TYPICAL SASH WINDOW DETAIL
SCALE: 1:10

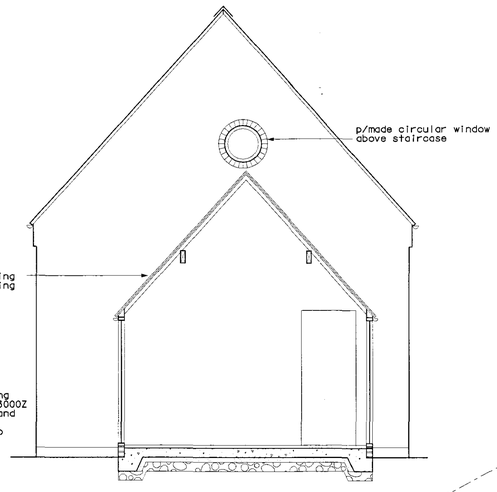
TYPICAL SASH WINDOW ELEVATION
SCALE: 1:20



SECTION CC



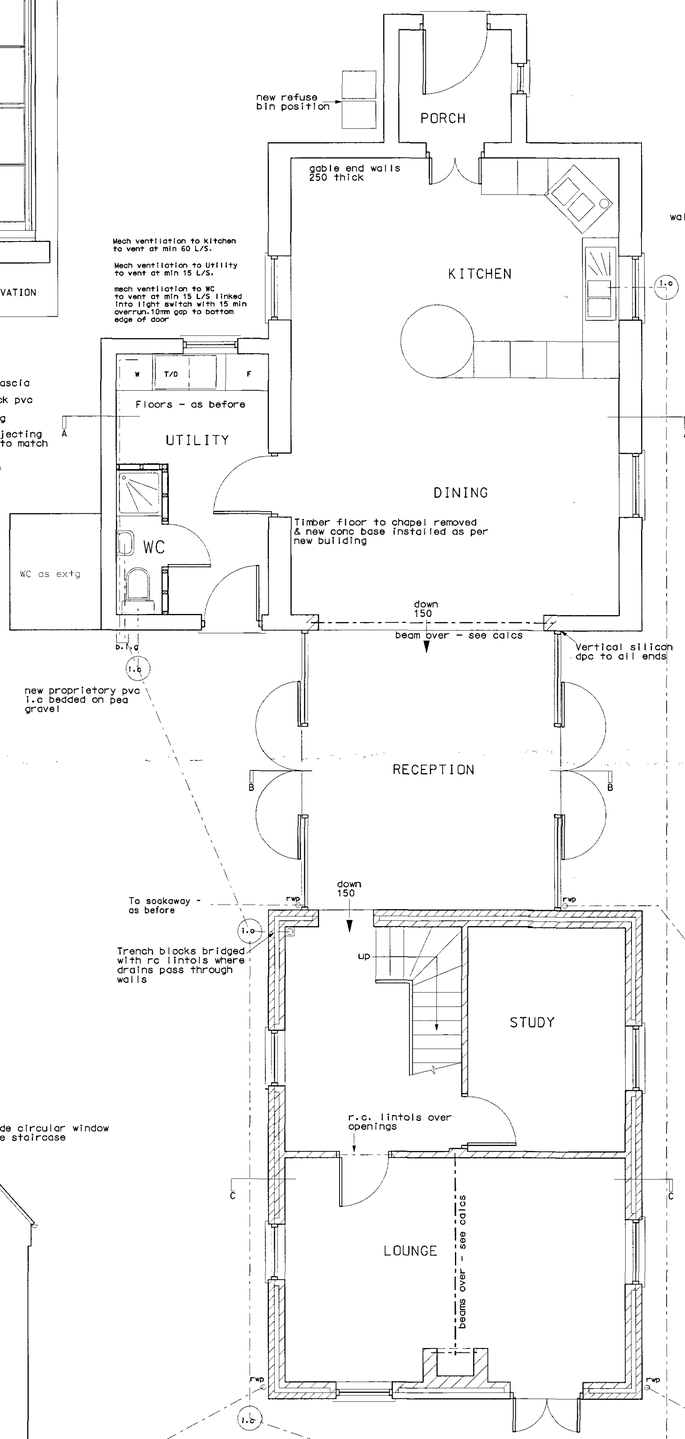
EAVES DETAIL. SCALE: 1:20



CONSERVATORY:
Clear 4-16-4 double glazed units to roof & walls in white p/coated glazing sections.Pilkingtons low E 'K' glazing throughout. Supplies & installed by specialist contractor.

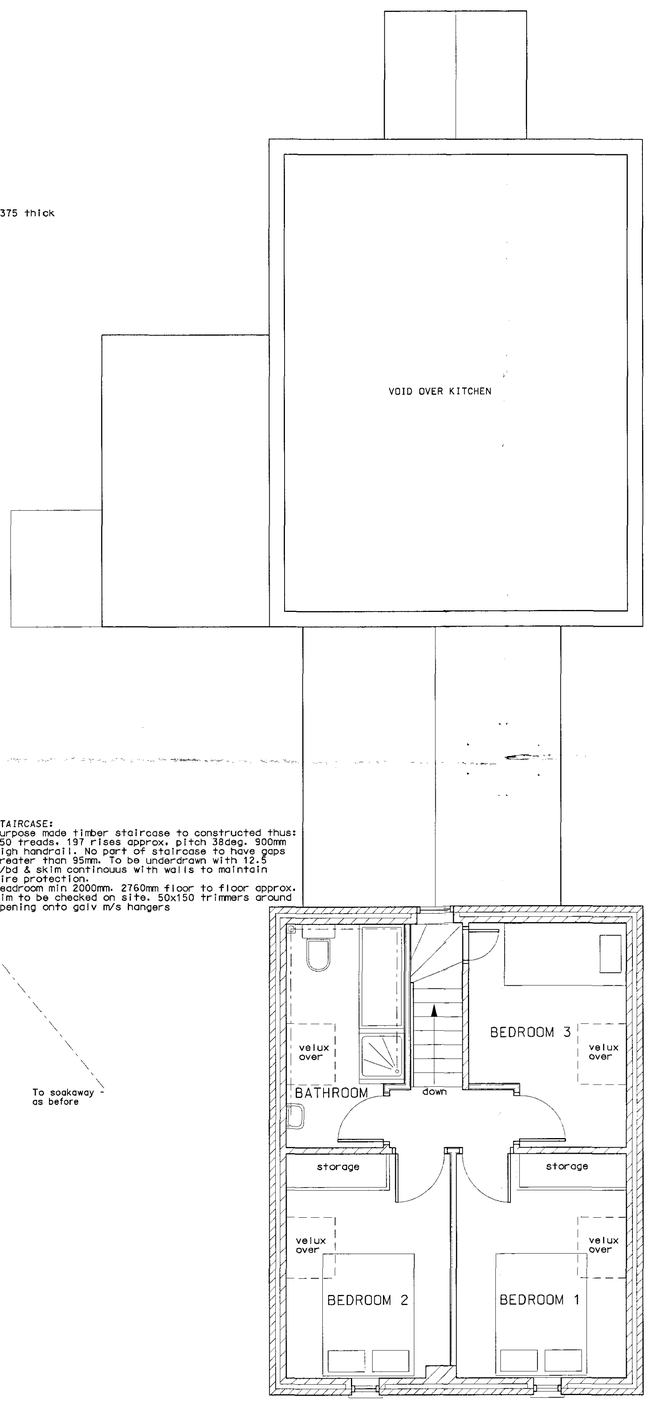
FOUNDATIONS TO CONSERVATORY:
50 sand/cement screed on 150 conc thickened at edges to 300 on building paper on 80 Celotex tuff R Zero GA 3000Z insulation on 1200g pvc dpm on 25 sand blinding on 150 consolidated h/c
P/A calc = .93. Edge stepped down to take 2 courses of bkwk.

SECTION BB



GROUND FLOOR PLAN

STAIRCASE:
Purpose made timber staircase to constructed thus: 250 treads. 197 rises approx. pitch 38deg. 900mm high handrail. No part of staircase to have gaps greater than 95mm. To be underdrawn with 12.5 p/bd & skim continuous with walls to maintain fire protection.
Headroom min 2000mm. 2760mm floor to floor approx. Dim to be checked on site. 50x150 trimmers around opening onto galv m/s hangers



FIRST FLOOR PLAN

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 proove adequacy of trusses. 25x100 diagonal bracing spanning min 5no rafters. Pitch to match existing. 50 deg approx Plate secured to walls by galv m/s joist straps @ 1800c/c nailed to joists & built into walls. Straps to span min 3no joists on 50x100 noggins fixed between joists. Natural ventilation to roof space provided by proprietory continuous ventilators set into soffit min 25 wide. Gaps fitted 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 & cressed into bkwk.

EXTERNAL WALLS:
Reclaimed facing bricks to external skin to match existing. S/S ties @ 450 vert & 900 horiz in 75 cavity filled with Drytherm insulation or approved similar. Inner skin to be Thermalite Turbo or approved similar insulating blockwork finished with lightweight plaster. Cavitys sealed at head.

LINTOLS:
Structural brick arches with pvc cavity tray to openings in external walls. Cavitys 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 & jambs to be filled with 60 eps insulation. Bedrooms to have trickle vents to provide background ventilation with a minimum 8000sqmm as closeable vent & an openable window with a minimum area of 1/20th floor area. 850 X 550 min escape window to each new bedroom. Cill 900 from fff.

BEAMS:
See calcs for details of beams built in min 150 each end and bearing on 2no course of blue bricks.Encasec in p/bd & skim to achieve 1hr F.R. and finished plaster skim coat.

FIRST FLOOR:
50x150 tanalised SC4 joists @ 400 c/c built in 100 each end.50x150 struts at mid span. 19 t&g 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 dpm 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 thick x 600 wide conc strip footings throughout taken down to a load bearing strata - min 1000. Walls below dpc to be 7n conc trench blocks. Where drains pass through walls allow for rc 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 fcll pipes connected to soakaway. Foul to be 38 pvc from wcb fitted with deep seal trap. 50 pvc from shower and 100 pvc from wc to connect to existing septic tank via b.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 Inc 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 7671 to be supplied upon completion.

John Rowell
Dip A.D. Nottingham Trent
H.N.C. Building Nottingham Trent
The Hollies
19 Wellington Road, Burton Joyce
Nottingham NG14 5GQ
Tel/Fax: 0115 931 3605
Mobile: 0771 362 5258

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

B: 00/00/05

A: 18/11/05
Details added

REVISIONS:

AMENDED PLAN
Ref. A2

SHDC
PLANNING & DEVELOPMENT
21 NOV 2005
Ref. 0281/05

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