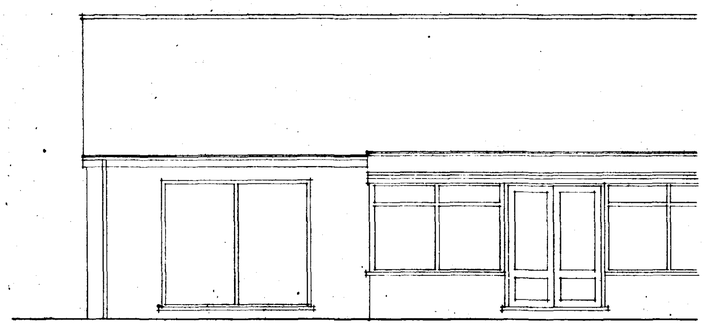
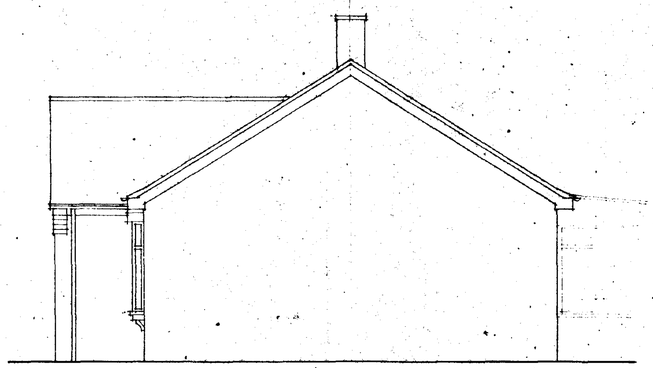
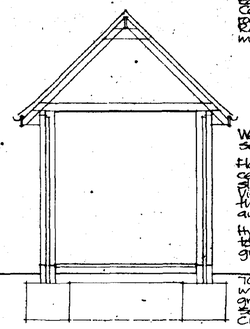


PART REAR ELEVATION.



SIDE ELEVATION



SECTION B-B

Roof finish and insulation as main roof on a built up roof constructed of:
- 47x100 rafters at 600mm ctrs
- 50x125 ceiling joists at 600mm ctrs
- 25x175 ridge board
- 38x175 collars.

Roof pitch 40°
Eaves projection approx. 300mm
Corbelled brickwork to corners of roof
Remaining roof construction as main roof

Wall construction as detailed on section A-A

Floor constructed of 40mm sand/cement screed on 100mm concrete slab min grade C10P on 1200 gauge polythene dpm on min 150mm thick hardcore well consolidated and blinded.

Hyload d.p.c. with d.p.m. lapped over to be minimum of 150mm above ground level.

700mm wide trench fill foundations with min. depth of 750mm below ground level (1:20 in shrinkable soil) concrete grade to be min. C15P

Roof constructed of interlocking concrete tiles to match existing (view tiles to rear slope on 25x50 creosoted battens on sarking felt on gangnail roof trusses at 600mm ctrs (sizes of timbers to be determined by specialist truss suppliers).
Roof trusses to comply with BS 5268 part 3. Design certificate to be supplied by truss manufacturer before work on site commences on roof structure.

All structural timber to be stress grade SC3.
Roof truss pitch to match existing and to be determined on site.

Longitudinal ties to be 25x100 and to be fixed at ceiling level (2 no) and at ridge
25x100 diagonal bracing to struts and above ceiling ties (chevron bracing)
25x100 wind braces at gable (diagonal).

30x5mm mild steel straps to be installed at average 1800 ctrs around roof perimeter and to be fixed at ceiling level and at slope of roof. (straps to be fixed within cavity).

Fascia and soffit to match existing including projection.

Roof void ventilator strip to be provided in eaves to give equivalent of 10mm wide clear vent gap including fly screen. Ventilation to roof void also to be provided above conservatory roof into new roof void

Barge board to gable to be similar to existing

New lintels to be I.G. type LI/HD to external openings to lounge, front dining room and front entrance. All other lintels are existing and are to be checked for suitability before work proceeds.
New lintel to front entrance to have cavity tray d.p.c. over.
All new lintels to be installed in accordance with manufacturers recommendations

75x100 wall plates installed at same level as existing and spliced to existing.

All new window frames to be Upvc. frames double glazed throughout. Window frames to be fitted with trickle vent tablets to give min. of 4000mm² clear ventilation per room. Glazed doors, fanlights and all glass within 800mm of floor level to be glazed with safety glass to satisfy class B BS 6206 1981.

112mm dia. Upvc. hir. gutters with 68mm dia. downpipes to match existing.

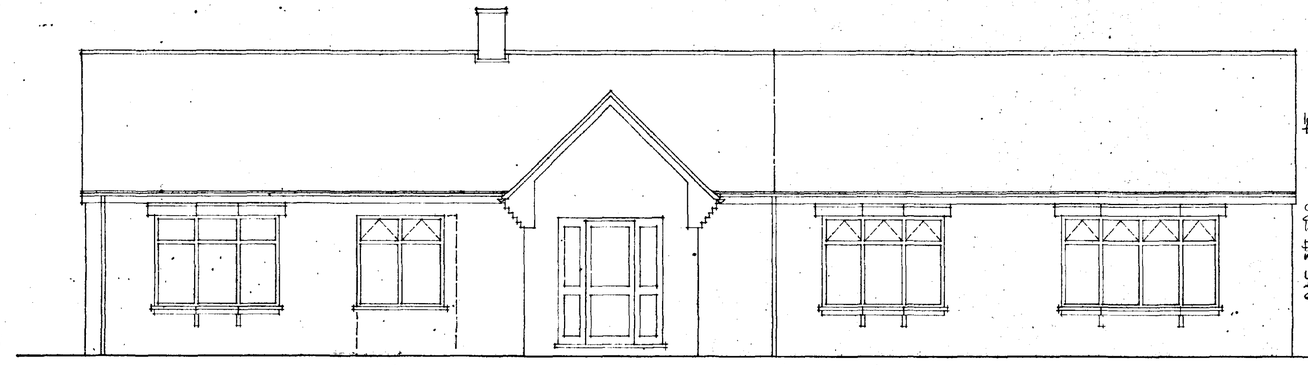
Code 4 lead flicing to lowest part roofs to bay windows with 100mm thick glassfibre quilt insulation.
New window frames to be installed at same level as existing.
Celcon blockwork seals to tops of cavities

New proprietry levelling screed (approx 15mm thick) on existing concrete slab to bring lounge and front dining room area of floor to same level as remainder.

Existing floor, foundation and part wall structure up to d.p.c. level all to be retained.

Hylaod d.p.c. with d.p.m. lapped over to be minimum of 150mm above ground level.

New cavity walls constructed of 100mm facing brickwork (FL or FN) to match existing, 50mm cavity and 100mm standard celcal blockwork internal finish to be 11mm sand/cement render with 2mm thistle finish.
50mm thick complete glassfibre cavity insulation installed to manufacturers recommendations.
U value = 0.45 w/m² deg. C
Dpm over insulated d.p.c. to be installed to reveals
U value = 1.2 w/m² deg. C
Stainless steel wall ties to be installed at 450mm ctrs vertically and max 900mm ctrs horizontally. Ties to be installed at max. 300mm ctrs vertically within 225mm of reveals



FRONT ELEVATION

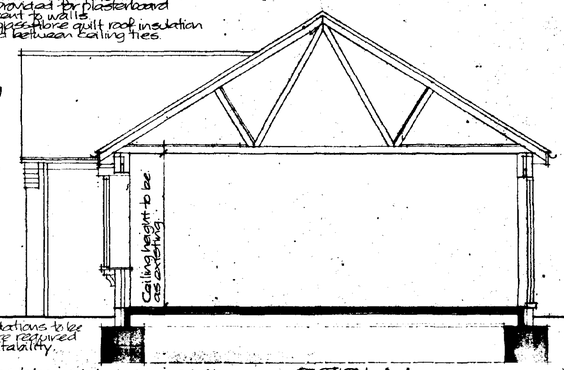
Ceilings to be formed of 12.7mm thick plasterboard with Artex finish.
Support to be provided for plasterboard edges and joints to walls
100mm thick glassfibre quilt roof insulation to be installed between ceiling ties.

Interlocking concrete tiles to match existing

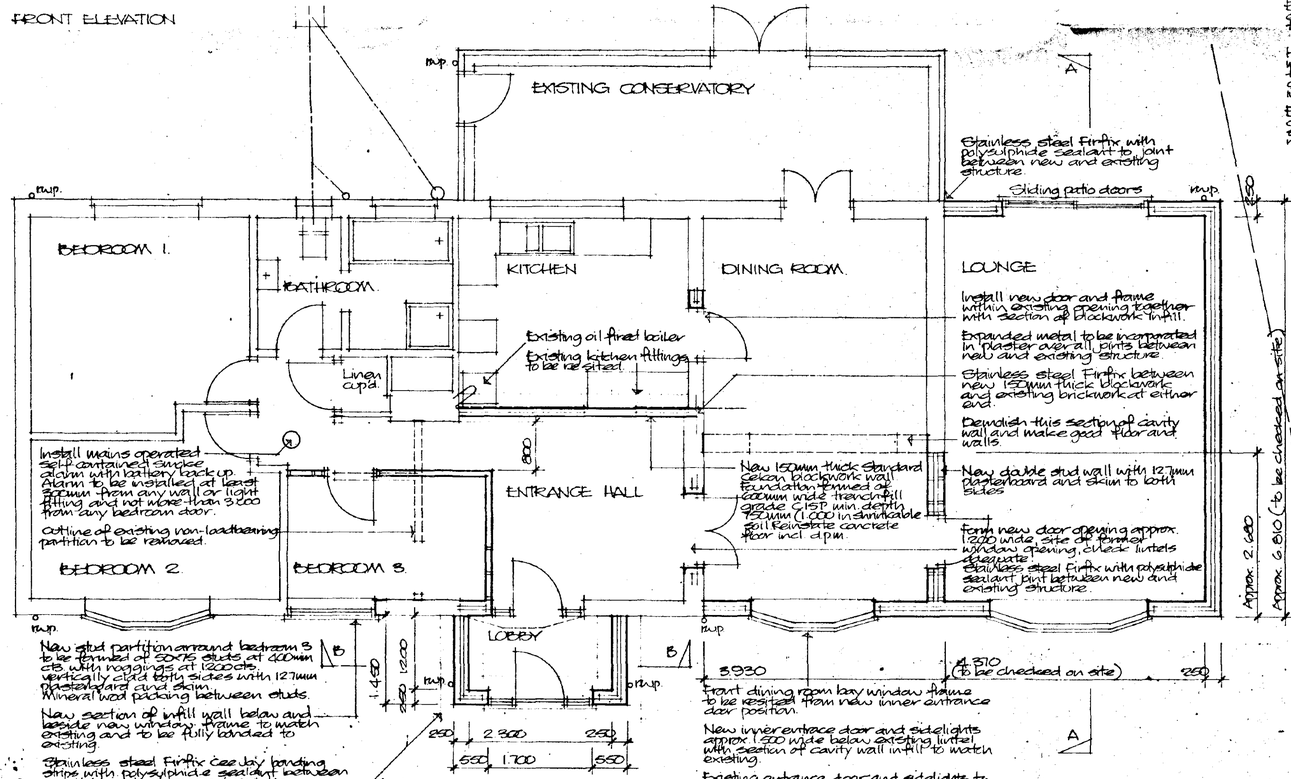
Corbelled brickwork to corners of entrance lobby roof.

facing brickwork to match existing.

Upvc. window/door frames to match existing



SECTION A-A



Existing foundations to be exposed where required to confirm suitability.

Hot water pipes to be insulated with insulation material of thermal conductivity not greater than 0.045 w/mk and thickness of pipe outside diameter, max. 40mm thick or insulated to B.S. 5422.

Existing conservatory roof to be retained with code 4 lead flashing taken up new roof slope on 12mm exterior grade plywood under new tile finish

ROOF STRUCTURE LAYOUT

SOUTH HOLLAND D.C.
PLAN DEPT
3 SEP 1994
REF... S945/94

DETERMINED PLAN

PROPOSED ALTERATIONS TO BUNGALOW AT THORNEY ROAD, NENE TERRACE, CROWLAND.

FOR MR & MRS A. PANEK

ALAN HORNSBY
ARCHITECTURAL SERVICES
"LITTLE ACRE"
PEAK HILL, COWBIT,
SPALDING, LINCS. PE12 6AW
TEL. HOLBEACH (0406) 350591

Scale 1:50
Date Sept 94
Dwg no. 94/01/7