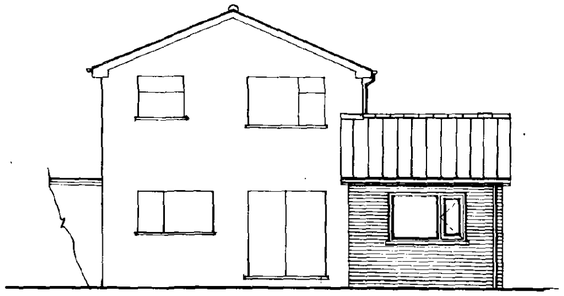
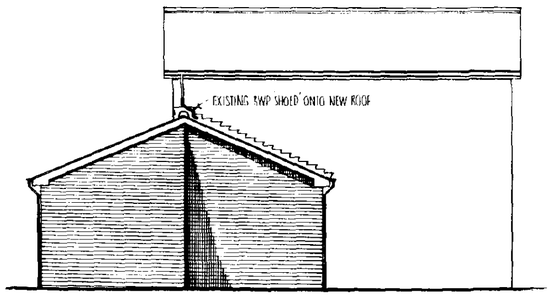
ROOF TILES: TO MATCH EXISTING HOUSE . FACING BWK: TO MATCH EXISTING HOUSE.



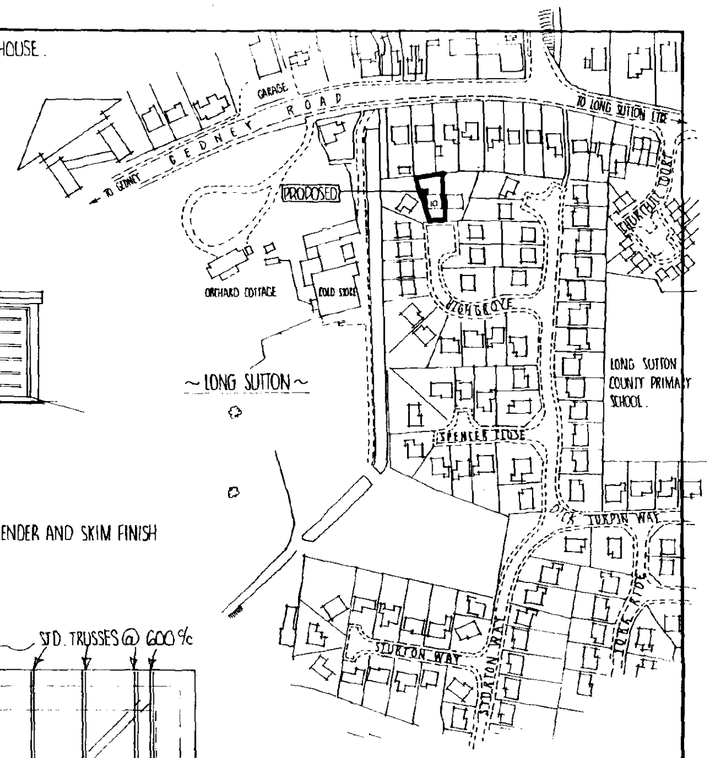
REAR ELEVATION PROPOSED (NORTH)



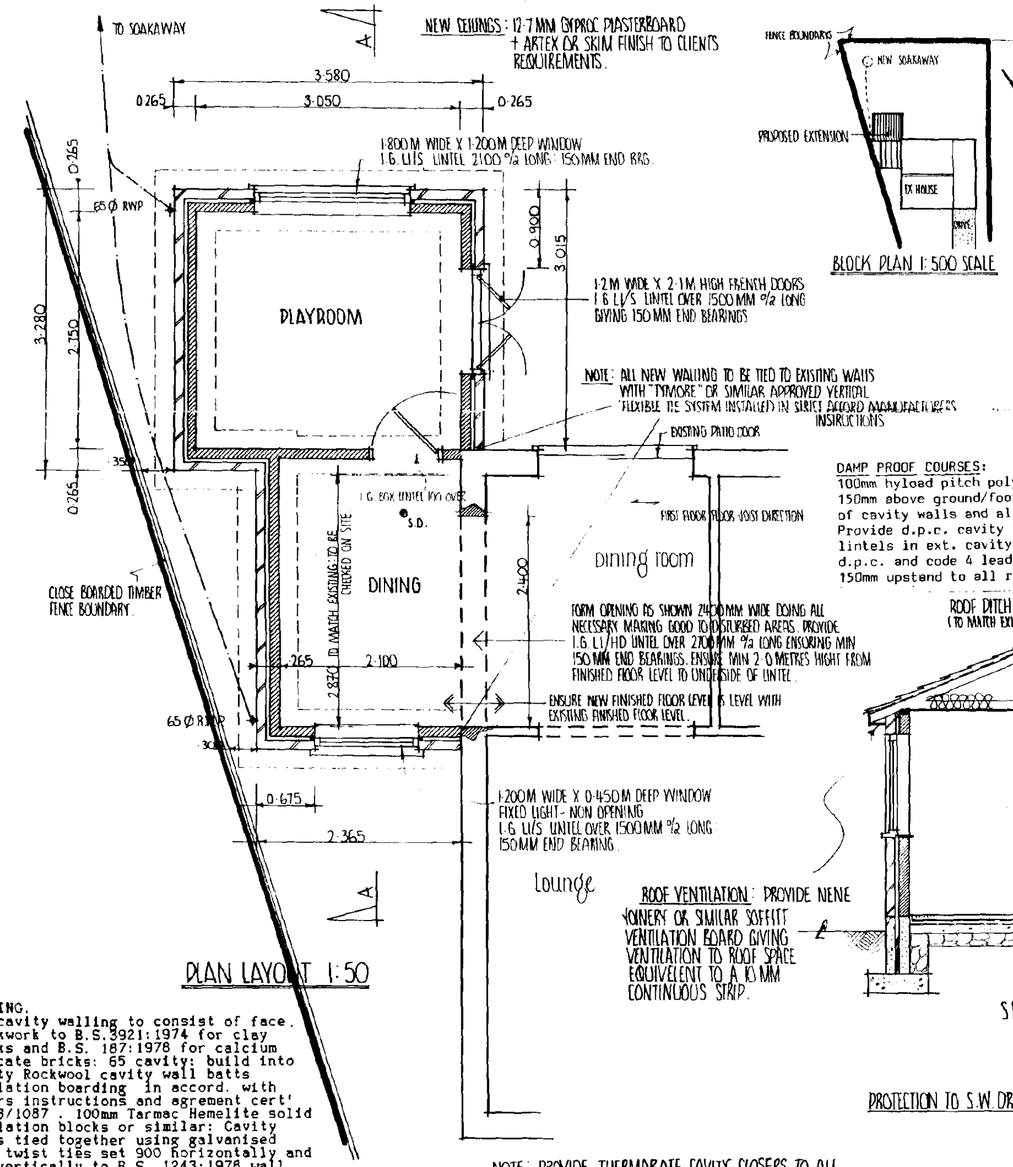
SIDE ELEVATION PROPOSED (WEST)



FRONT ELEVATION PROPOSED (SOUTH)



LOCATION PLAN 1:2500 SCALE



PLAN LAYOUT 1:50

BLOCK PLAN 1:500 SCALE

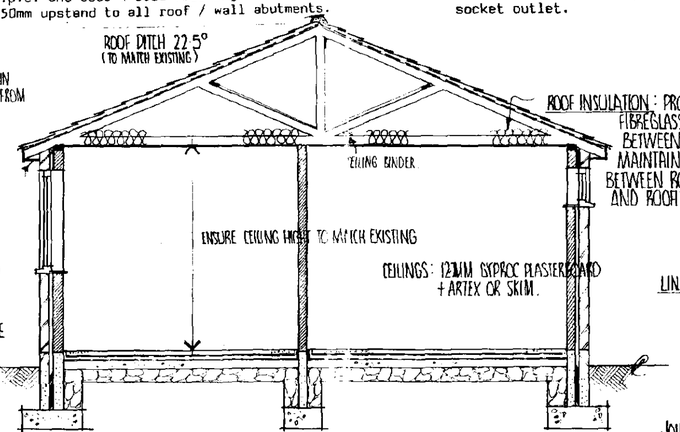
FOUNDATIONS:
Excavate for foundations 700mm wide &750mm deep (1.0m in clay) or to an approved firm base agreed with L.A. Building control officer on site. Lay ST3 concrete 1:2;4 by volume a min. of 225mm thick. Foundations to 100mm walls to be 450mm wide.

SUB-STRUCTURE WALLING:
265mm cavity walls comprising of two skins of class B engineering brickwork or two skins of class A concrete blockwork (7N/m.sq.) in cement mortar (1:3). Bricks below d.p.c. level to be F.L. designation and to B.S.3921. 1:12 lean mix concrete cavity fill terminating 225mm below lowest d.p.c. level. Internal 100mm walls below d.p.c. in class A concrete blocks.

GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows: 70mm sand and cement screed (1:3) with chicken wire reinforcement on 500g polythene D.P.M. on 25mm Celotex RR Tempabeck TA2 insulation board, insert 25mm insulation board to perimeter of all oversite on 1200g polythene D.P.M. lapped continuous with D.P.C. by min. 100mm on 100 concrete oversite: Concrete mix ST3 (1:2:4 by volume) B.S. 5328 1990: 150 blinded and consolidated hardcore: (Ensure finished floor level is said level with existing

DAMP PROOF COURSES:
100mm hyload pitch polymer d.p.c. a minimum 150mm above ground/footpath level to both skins of cavity walls and all internal walls. Provide d.p.c. cavity trays above all 'exposed' lintels in ext. cavity walls. Stepped cavity tray d.p.c. and code 4 lead flashing with a min. 150mm upstend to all roof / wall abutments.

ELECTRIC.
Socket outlets and light points to IEE regulations and N.H.B.C. standard. Combined cooker and socket outlet.



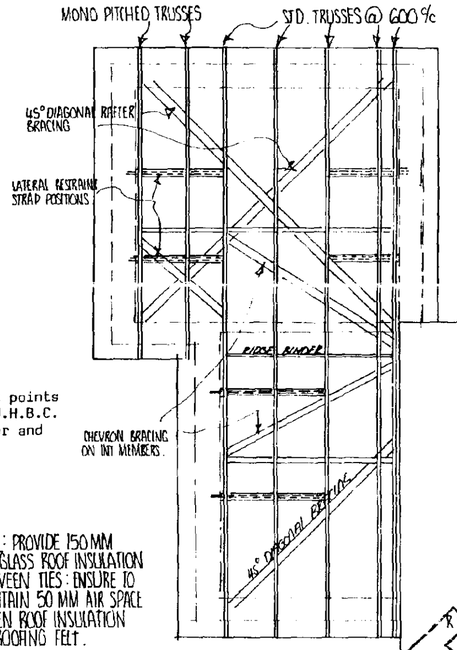
SECTION THRO' A——A

ROOF INSULATION: PROVIDE 150 MM FIBREGLASS ROOF INSULATION BETWEEN TIES: ENSURE TO MAINTAIN 50 MM AIR SPACE BETWEEN ROOF INSULATION AND ROOFING FELT.

CEILINGS: 12MM GYPROC PLASTERBOARD + ARTEX OR SKIM.

ROOF VENTILATION: PROVIDE NEMO JOINERY OR SIMILAR SOFFIT VENTILATION BOARD GIVING VENTILATION TO ROOF SPACE EQUIVELENT TO A 10 MM CONTINUOUS STRIP.

INTERNAL WALL FINISH: 12 s/c RENDER AND SKIM FINISH



ROOF TRUSS LAYOUT PLAN.

LINTELS: SPECIFIED LINTELS ARE BY MESSRS I.G. LINTELS LTD TO BE INSTALLED WITH MINIMUM 150MM END BRG LINTELS INSULATED AS STANDARD.

JOINERY. EXTERNAL WINDOWS AND DOORS TO BE MANUFACTURED IN WHITE UPVC TO MATCH EXISTING WINDOWS BY MESSRS POSH WINDOWS AND CONSERVATORIES. WINDOWS / DOORS TO HAVE SEALED UNIT DOUBLE GLAZING AND TO BE FITTED WITH NIGHT VENTILATORS (TRICKLE VENTILATORS) IN HEADS GIVING A MINIMUM 4000 MM² BACKGROUND VENTILATION. WINDOW OPENING TO GIVE MIN 1/20TH FLOOR AREA OF ROOM VENTILATION.

SURFACE WATER DRAINAGE: 100 MM DIA. VITRIFIED CLAY OR P.V.C. PIPES SUPERSLEVE FLEXIBLY JOINTED TO FALL 1 IN 10 (SLOW BENDS) PIPES BEDDED ON 50 PEA GRAVEL AND TO DISCHARGE INTO 1.2M Ø BRICK FILLED SOAKAWAYS SITED 5.0M MIN AWAY FROM ANY DWELLING.

GLAZING: PROVIDE SAFETY GLASS TO B.S. 6206 TO ALL WINDOWS TO A MIN HEIGHT OF 800 MM ABOVE FINISHED FLOOR LEVEL AND DOORS AND SIDE SCREENS TO A MIN HEIGHT OF 1500 MM ABOVE FINISHED FLOOR LEVEL.

PROTECTION TO S.W DRAINS: WHERE FLEXIBLE PIPES HAVE LESS 600 MM COVER, CONCRETE PAVING SLABS SHOULD BE LAID AS BRIDGING ABOVE THE PIPES ON MIN 75MM GRAVEL (PEA)

NOTE: PROVIDE THERMABATE CAVITY CLOSERS TO ALL DOOR AND WINDOW JAMBS AND CILLS.

⊙S.D. DENOTES CEILING MOUNTED SMOKE DETECTORS MAINS OPERATED SELF CONTAINED TO B.S. 5446 PART 1

PITCHED ROOF CONSTRUCTION.
Interlocking concrete roof tiles to B.S.473:550 part 2 1971. on 25 x 38 softwood treated battens on underfelt to B.S 747 (type 1F) and in all cases to be lapped by 150mm both vertically and horizontally. Tiles to be laid with min. headlap of 100mm and to be fixed in accordance with regard to wind speed, roof pitch and exposure category as detailed in CP3 chapter V part 2 1972. Twinaplate specialist made prefabricated roof trusses to comply with B.S. 5268 part 3 1985. Trusses to be queenpost & mono at 600c/c to a pitch of 22.5deg. 25 x 100 ridge node binder 1 No 25x 100 ceiling binders: All trusses to be strapped to wall plate by 30 x 5 galvanised metal straps acting as anchor, and lateral restraint straps at max. 1.2m c/c. Note: provide solid bridging beneath straps: 50 x 100 wall plate bedded on sand and cement: 25 x 175 fascia boards:

CLOSE CAVITY AT PLATE LEVEL TIMBER SC3 GRADE

R/W GOODS UPVC: 65MM Ø DOWNPIPES 110MM H.R GUTTERS

ALL HOT WATER PIPES NOT CONTRIBUTING TO SPACE HEATING TO BE INSULATED

WALLING.
265 cavity walling to consist of face brickwork to B.S.3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 65 cavity: build into cavity Rockwool cavity wall batts insulation boarding in accord. with makers instructions and agrement cert' No.83/1087 . 100mm Tarmac Hemelite solid insulation blocks or similar: Cavity walls tied together using galvanised iron twist ties set 900 horizontally and 450 vertically to B.S. 1243:1978 wall ties positioned at 300 vertical centres at all unbonded closures of cavity: Close cavities with 'Thermabate' preformed closer

External walls to have max 'U' value of 0.45 W/m2 deg. C.: Internal walls of 100mm blocks: Tarmac Hemelite solid insulation blocks and all to receive 12mm S/C render and 3mm skim

DEEMED PLANS

PROPOSED EXTENSION TO HOUSE: AT: N° 10. HIGHGROVE, LONG SUTTON, NR. SPALDING. LINCOLNSHIRE

FOR: MR & MRS. D. THOMPSON

SOUTH HOLLAND HOUSING

08 JUN 1994

Ref: H603/ac

drawing: PLANS AS PROPOSED

scale: 1:2500 1:100 1:500 1:50

drawing no: PD004/2

date: OCT 1993

drawn:

checked: