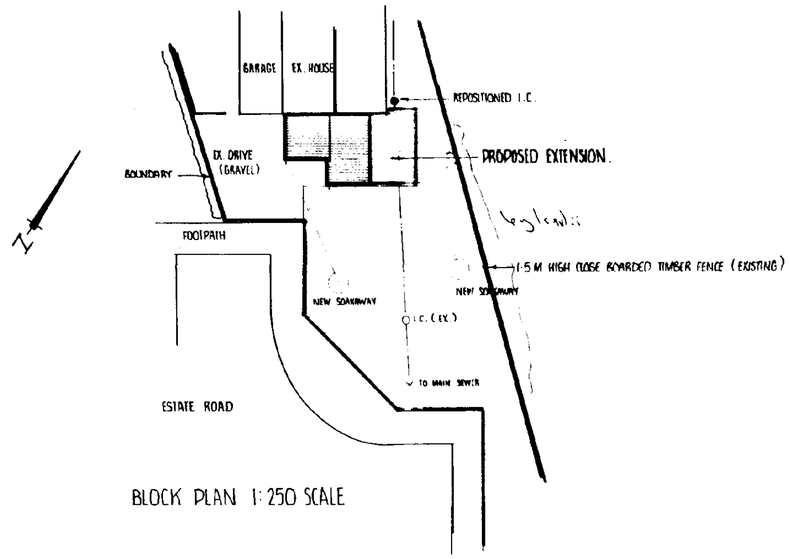
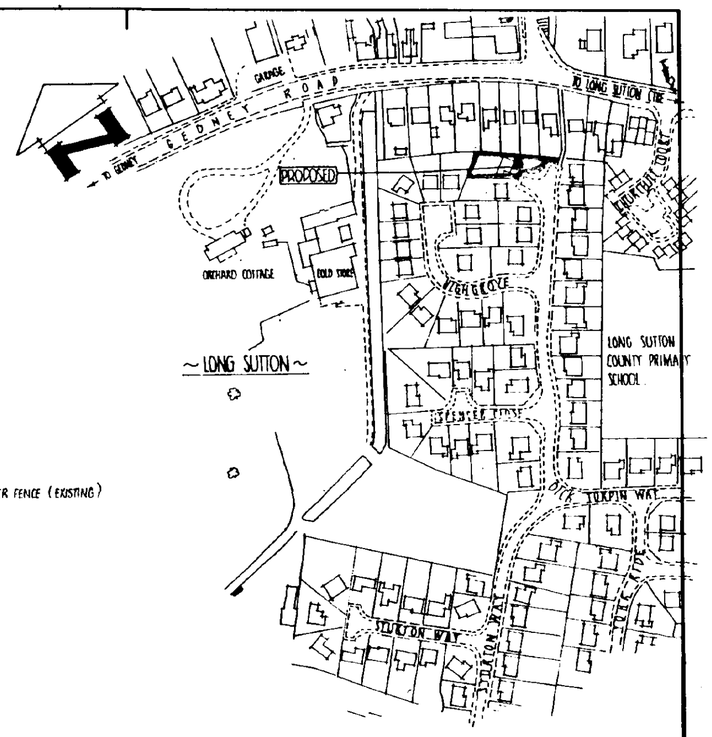


BLOCK PLAN 1:250 SCALE

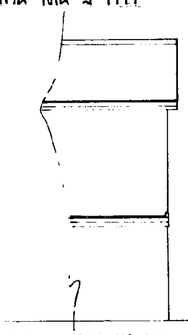


LOCATION PLAN 1:2500 SCALE

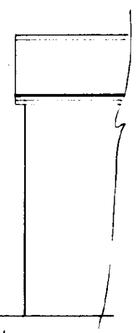
PROPOSED EXTENSION TO HOUSE, 51 DICK TURPIN WAY, LONG SUTTON, SPALDING, LINCS FOR MR J FELL



EXISTING FRONT ELEVATION



EXISTING SIDE ELEVATION

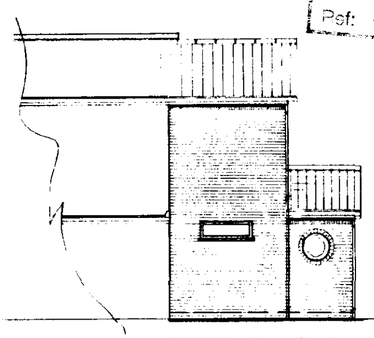


EXISTING SIDE ELEVATION

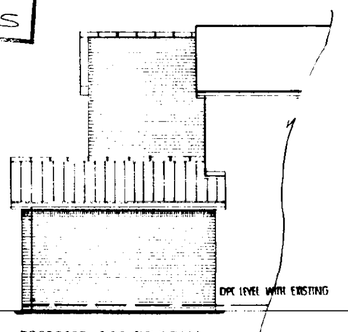
ELEVATIONS 1:100 SCALE (METRIC)



PROPOSED FRONT ELEVATION



PROPOSED SIDE ELEVATION



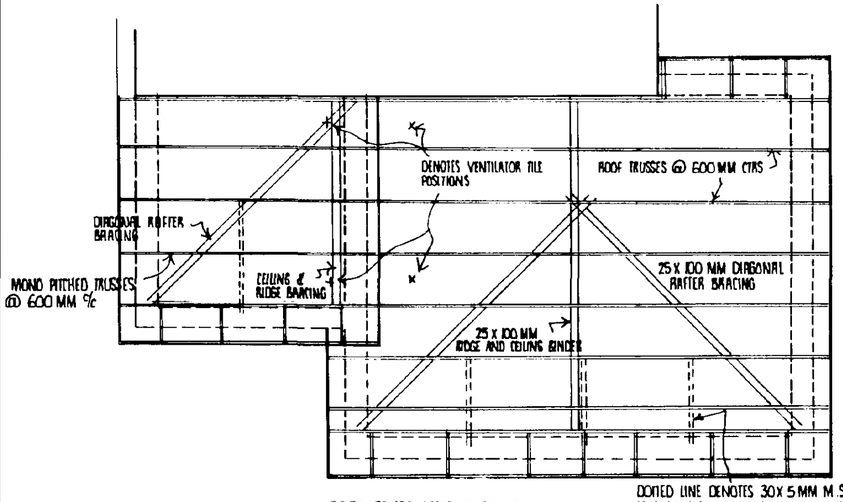
PROPOSED SIDE ELEVATION

29 DEC 1995
Ref: 1237/95

DETERMINED
PLAN

FLEETLAND DESIGN FD 175 1

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS



ROOF TRUSS LAYOUT PLAN

DOTTED LINE DENOTES 30 X 5 MM M.S. LATERAL RESTRAINT STRAP POSITIONS (TO SPAN 3 N° TRUSSES) INCL. SUPPORT NOGGINS INBETWEEN TRUSSES

PITCHED ROOF CONSTRUCTION:

CONCRETE INTERLOCKING ROOF TILES TO MATCH MAIN HOUSE EXISTING TILES (100 MM HEADLAPS TO LOUNGE EXTENSION SINGLE STOREY ROOF) ON 38 MM X 25 MM TREATED SOFTWOOD TIMBER BATTENS ON REINFORCED SARKING FELT TO B.S. 747 TYPE 1F LAPPED 150 MM IN ALL DIRECTIONS. TWINAPLATE 'SPECIALIST MADE PRE-FABRICATED ROOF TRUSSES MONO & DUO PITCHED AND BRACED IN ACCORDANCE B.S. 5268 PART 3 1985 TRUSSES IN ALL CASES @ 600 MM CTRS. FIRST FLOOR TRUSSES TO BE MONO PITCHED TO PROFILE OF EXISTING ROOF APPROX 22.5° ONLY AND THIS TO BE CHECKED ON SITE BY TRUSS MANUFACTURER. TRUSSES OVER LOUNGE 17½ PITCH
25 X 100 MM RIDGE BINDERS AND CEILING BINDERS. 25 X 100 MM 45° DIAGONAL BRACING TO RAFTERS
50 X 100 MM WALLPLATES BEDDED ON SAND/CEMENT AND HELD IN POSITION BY TRUSSES AND 30 X 5 MM M.S. ANCHOR STRAPS AT 1·2 M c/c. WALLPLATES HALF LAP JOINTS. PROVIDE 30 X 5 MM GALV. M.S. LATERAL RESTRAINT STRAPS TO TRUSSES AT GABLE ENDS AT VERGES AND CEILING LEVEL @ MAX 1·2 M c/c. AT STRAP POSITIONS PROVIDE MIN. 38 X 50 MM NOGGINGS INBETWEEN TRUSSES
PROVIDE CODE 4 STEPPED LEAD FLASHING WITH MIN 150 MM UPSTAND AT ALL ROOF WALL ABUTMENTS.

FIRST FLOOR CONSTRUCTION: ENSURE FINISHED 1ST FLOOR IS LEVEL WITH EXISTING FLOOR LEVEL.

19 MM T AND G FLOORING GRADE WEYROC DECKING ON MIN 38 MM X 150 MM SC3 GRADE FLOOR JOISTS AT 400 MM CENTRES. JOISTS BUILT INTO WALLS MIN 100 MM LATERAL STRAP CENTRALLY TO SPAN 3 N° JOISTS INCL SUPPORT NOGGINGS INBETWEEN JOISTS. EXISTING JOISTS 175 MM DEEP (CHECK ON SITE)

ROOF INSULATION:

PROVIDE 100 MM THICKNESS FIBREGLASS INSULATION QUILT INBETWEEN CEILING JOISTS AND 100 MM THICKNESS FIBREGLASS INSULATION OVER CEILING JOISTS (½ 200 MM THICKNESS) ENSURE TO MAINTAIN A 50 MM AIR SPACE BETWEEN THE ROOF INSULATION AND ROOFING FELT.

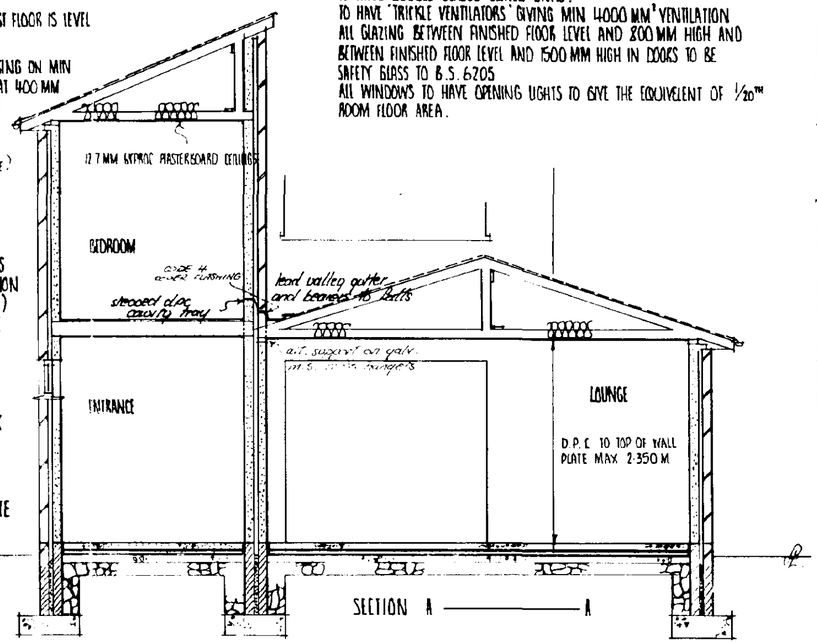
CEILINGS:

12·7 MM GYPROC PLASTERBOARD AND ARTEX CEILING FINISH TO CLIENTS REQUIREMENTS

ROOF VENTILATION:

PROVIDE NEMF JOINERY OR SIMILAR SOFFITE VENTILATION BOARDS GIVING VENTILATION EQUIVELENT TO A CONTINUOUS 10 MM AIR SPACE IN SOFFITE LENGTH.
INCL. TILE VENTILATORS AS SHOWN ON PLAN

JOINERY: TO MATCH EXISTING AND TO SUIT OPENINGS SHOWN. (UPVC)
TO HAVE DOUBLE GLAZED SEALED UNITS.
TO HAVE 'TRICKLE VENTILATORS' GIVING MIN 4000 MM² VENTILATION
ALL GLAZING BETWEEN FINISHED FLOOR LEVEL AND 800 MM HIGH AND BETWEEN FINISHED FLOOR LEVEL AND 1500 MM HIGH IN DOORS TO BE SAFETY GLASS TO B.S. 6206
ALL WINDOWS TO HAVE OPENING LIGHTS TO GIVE THE EQUIVELENT OF 1/20TH ROOM FLOOR AREA.



SECTION A — A

ELECTRIC: SOCKET OUTLETS AND LIGHT POINTS TO IEE REGULATIONS AND N.H.B.C STANDARDS

HEATING: EXISTING GAS FIRED CENTRAL HEATING SYSTEM
ALL NEW PIPEWORK NOT CONTRIBUTING TO SPACE HEATING TO BE INSULATED AND NEW RADIATORS FITTED WITH THERMOSTATIC RADIATOR VALVES OR ROOM THERMOSTAT.

FOUNDATIONS:

UNDER WALLS AS SHOWN DOTTED PROVIDE CONCRETE STRIP FOUNDATIONS MIN. 700 MM WIDE X 225 MM DEEP CONCRETE MIX ST4 TO B.S 5328: 1990 FOUNDATIONS TO BE TAKEN DOWN TO SUITABLE LOADBEARING STRATA IN AGREEMENT WITH LOCAL AUTHORITY ON SITE BUILDING INSPECTOR.
FOUNDATIONS TO BE TAKEN BELOW INVERT LEVEL OF EXISTING FOUL WATER DRAIN TO MAINS SEWER IN ROAD.

GROUND FLOOR CONSTRUCTION:- ENSURE FINISHED LEVEL WITH EXISTING

STRIP ALL VEGETABLE SOIL AND LAY FLOOR AS FOLLOWS:
70 MM SAND CEMENT SCREED WITH CHICKEN WIRE REINFORCEMENT ON 500 GUAGE P.V.C. DAMP PROOF MEMBRANE ON 18 MM BR TEMPCHECK TA2 'CELOTEX' INSULATION BOARDING AND PERIMETER INSULATION LAYED IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. INSULATION BOARDING ON 1200 GUAGE P.V.C. D.P.M WITH WELTED JOINTS AND LAPPED CONTINUOUS WITH D.P.C. BY 50 MM, ON 100 MM CONCRETE OVERSITE SLAB (ST3) ON 150 MM LAYER OF WELL BUNDED AND CONSOLIDATED CLEAN LIMESTONE OR CARRSTONE HARDCORE BASE.

SUB-STRUCTURE WALLING:

CLASS 'B' ENGINEERING BRICKWORK OR CLASS 'A' CONCRETE BLOCKWORK (7 N/M²) IN CEMENT MORTAR (1:3) FACING BRICKWORK BELOW D.P.C. TO BE F.L. DESIGNATED AND TO B.S. 3921. 1:12 LEAN MIX CONCRETE CAVITY FILL TO TERMINATE 225 MM BELOW LOWEST D.P.C. LEVEL. DRAINS PASSING THRO' WALLS TO BE PROTECTED BY CONCRETE LINTELS WITH A 50 MM GAP BETWEEN THE UNDERSIDE OF THE LINTEL AND THE CROWN OF THE PIPE:- TO BE FILLED WITH COMPRESSIBLE MATERIAL AND PROVIDE VERMIN BOARD TO FACE OF EXT. WALLING.
DAMP PROOF COURSE LEVEL WITH EXISTING HOUSE D.P.C. AND 150 MM MINIMUM ABOVE GROUND LEVEL.

WALLING.

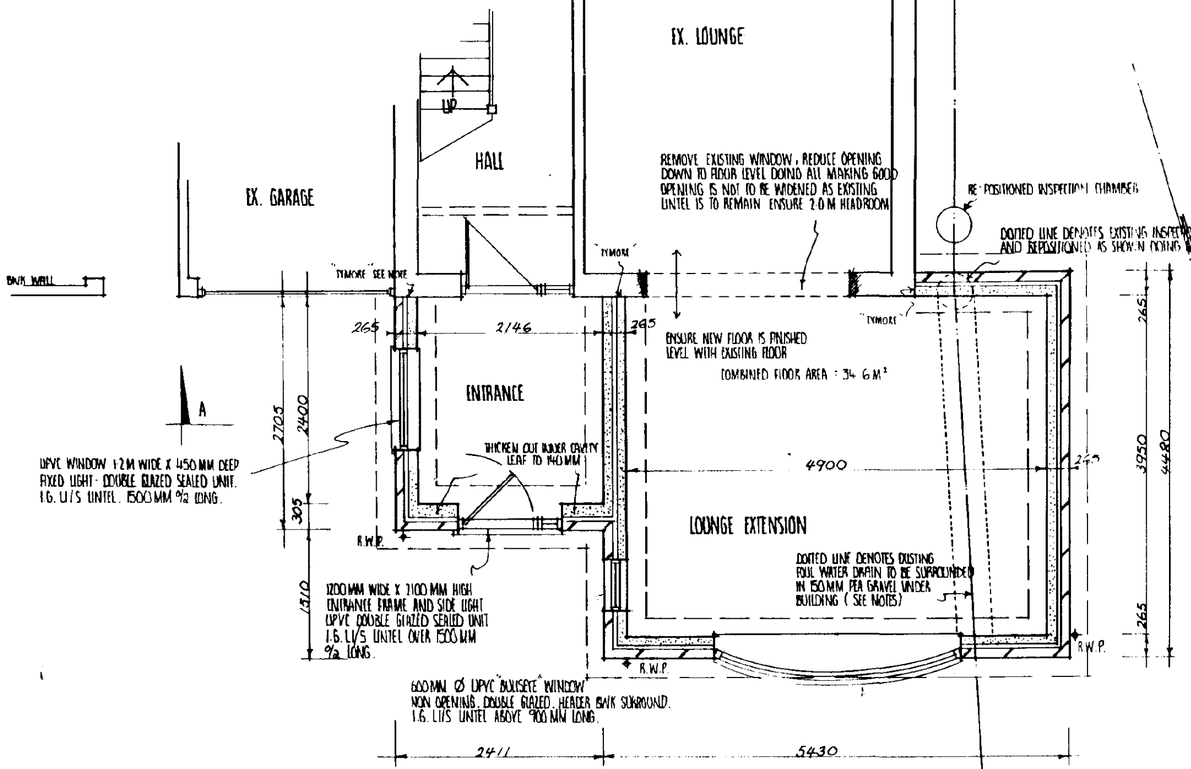
265 MM CAVITY WALLING TO CONSIST:

100 MM EXTERNAL FACING BRICKWORK TO MATCH EXISTING HOUSE FACE BWK
65 MM CAVITY
100 MM INNER SKIN OF TARMAC 'HEMELITE' SOLID INSULATION BLOCKWORK

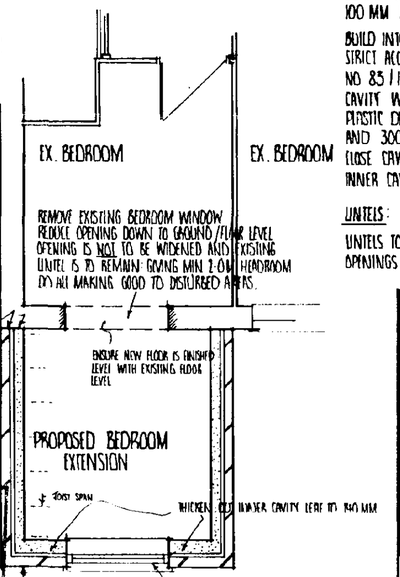
BUILD INTO CAVITY 'ROCKWOOL' CAVITY WALL BATTS INSULATION BOARDING IN STRICT ACCORDANCE WITH MAKERS INSTRUCTIONS AND AGREEMENT CERTIFICATE NO 85/1037.
CAVITY WALLING TO BE TIED TOGETHER USING GALVANISED IRON, ST. STEEL OR PLASTIC DRIP TIES SET AT 900 MM HORIZONTAL CENTRES, 450 VERTICAL CTRS AND 300 MM VERT CTRS AT UNBONDED CLOSURES OF CAVITY. TO B.S. 1243 1978
CLOSE CAVITY AT JAMBS, CILLS AND EAVES WITH DAMCOR INSULATING D.P.C.
INNER CAVITY SKIN BLOCKWORK TO RECEIVE 12 MM S/c RENDER AND SKIM FINISH

LINTELS:

LINTELS TO BE BY I.G. LINTELS LTD. INSULATED AS STANDARD LI LINTELS TO OPENINGS IN EXTERNAL WALLS WITH 150 MM END BEARINGS.



PROPOSED GROUND FLOOR



PROPOSED FIRST FLOOR

NOTE: ALL NEW WALLING TO BE TIED TO EXISTING CAVITY WALLS WITH 'TYMORE' OR SIMILAR FLEXIBLE CROCODILE TYPE WALL TIES

1·5 M HIGH CLOSE BOARDED TIMBER FENCE

BOUNDARY

RAINWATER GOODS: TO MATCH EXISTING HOUSE:- ENSURE MIN 65 MM Ø DOWNPIPES AND 110 MM H.R. GUTTERING (UPVC)

SURFACE WATER DRAINAGE:

RAINWATER PIPES 82·4 DIA. UNDERGROUND PIPES FLEXIBLY JOINTED TO A FALL OF 1 IN 70. PIPES BEDDED ON 100 MM PEA GRAVEL AND TO DISCHARGE INTO 1·2 M DIA. SOAKAWAYS SITED A MINIMUM OF 5·0 M FROM ANY BUILDING (SEE BLOCK PLAN)

PROTECTION TO FLEXIBLE PIPES: WHERE FLEXIBLE PIPES ARE NOT UNDER A ROAD AND HAVE LESS 0·6 M COVER CONCRETE PAVING SLABS SHOULD BE LAID AS BRIDGING ABOVE THE PIPES ON MIN 75 MM PEA GRAVEL IF PIPES ARE UNDER A ROAD AND HAVE LESS 0·9 M COVER REINFORCED CONCRETE BRIDGING SHOULD BE USED.

TO MAINS SEWER VIA INSPECTION CHAMBER

DO ALL MAKING GOOD TO DISTURBED AREAS AND LEAVE IN A SATISFACTORY CONDITION

Fleetland Design
Architectural
MYRTLE HOUSE
FLEET HARGATE
SPALDING LINCS
PE12 7BLH
0406 26118
ARCHITECTURAL & DESIGN CONSULTANTS

PLAN

project

PROPOSED EXTENSION TO HOUSE
51 DICK TURPIN WAY LONG SUTTON
SPALDING LINCOLNSHIRE
FOR MR J. FELL

drawing

PLAN LAYOUT AS PROPOSED

scale	drawing no
1:50 (METRIC)	FD 175-2
date	drawn
OCTOBER 1993	