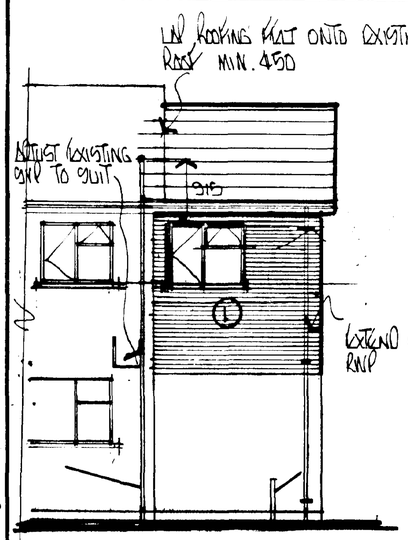
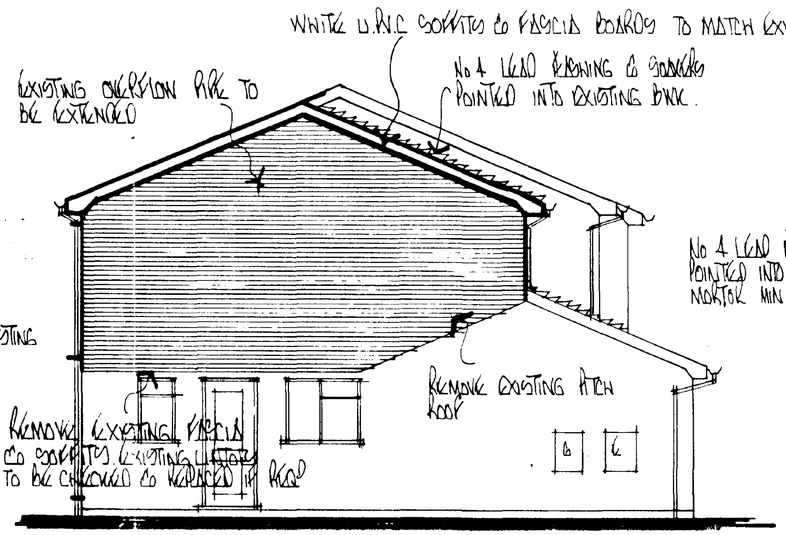
PROPOSED EXTENSION ONTO EXISTING DWELLING AT 38 MANGELL CLOSE, SPALDING, LINCS. FOR MR & MRS I. ANNING.

DRWG. 1 OF 2



REAR ELEVATION

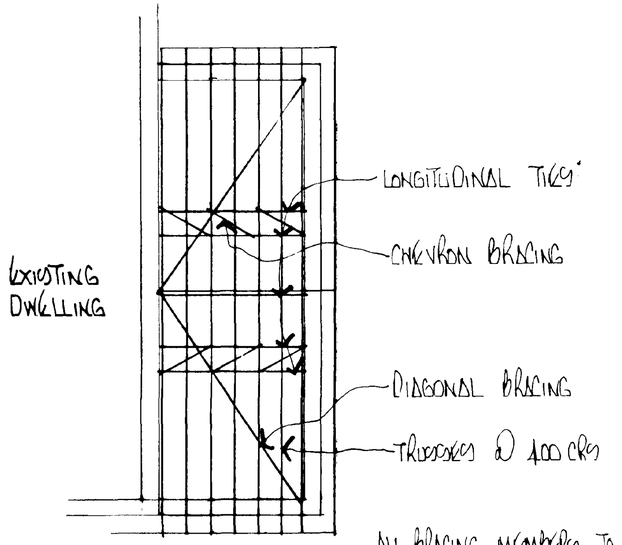
SCALE 1/50



SIDE ELEVATION



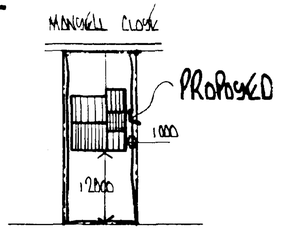
FRONT ELEVATION



ALL BRACING MEMBERS TO ROOF TO BE 25x100

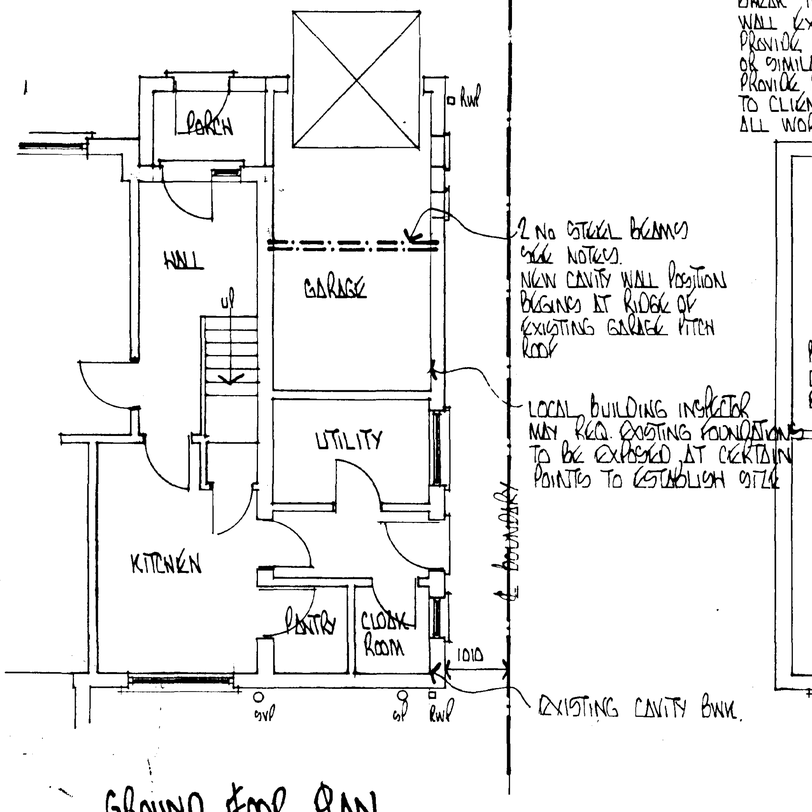
ROOF PLAN

SCALE 1/50

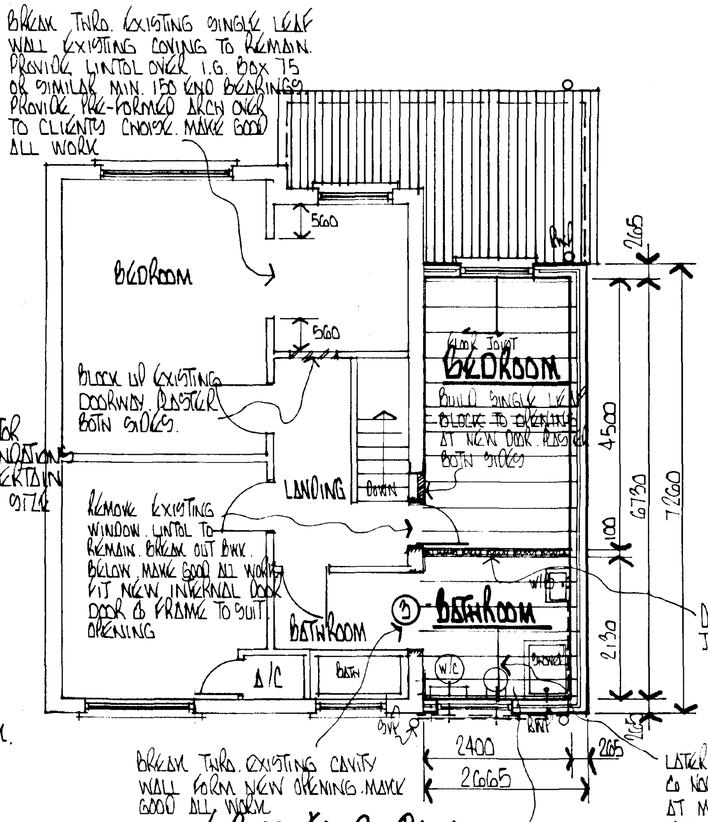


BLOCK PLAN

SCALE 1/500



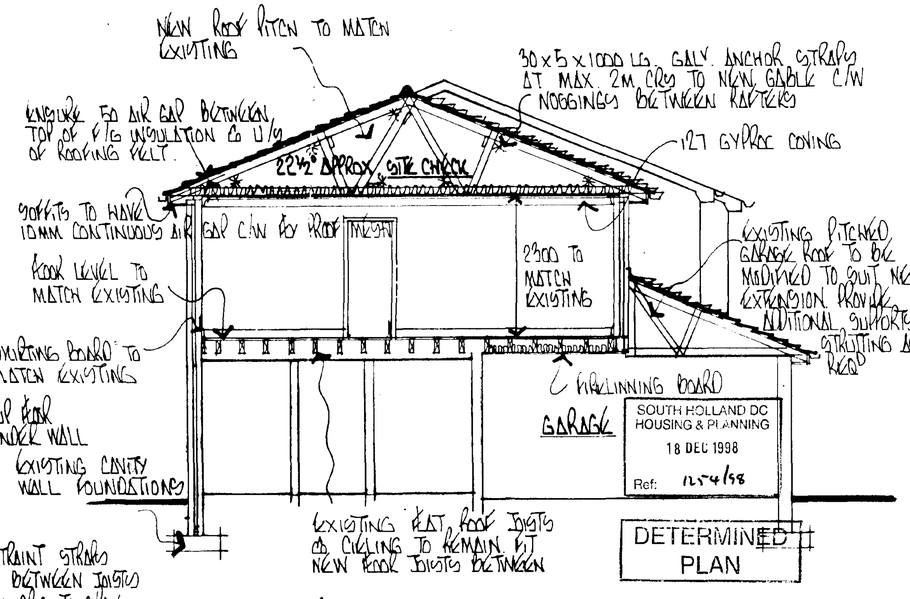
GROUND FLOOR PLAN



FIRST FLOOR PLAN

SCALE 1/50

BATHROOM SUITE LAYOUT INDICATIVE ONLY ACTUAL LAYOUT TO BE CONFIRMED WHEN EXTENSION COMPLETE



SECTION X-X

SCALE 1/50

PROPOSED EXTENSION ONTO EXISTING DWELLING AT 38 MANSELL CLOSE, SPALDING, LINCS. FOR MR & MRS I DANNING.

DRWG 2 OF 2

WALLS :-

265 CAVITY BWK. COMPRISING :- 102 FACING BWK. TO MATCH EXISTING 65 CAVITY WITH 65 DRITHERM INSULATION LAID TO MANF. INSTRUCTIONS. 100 TARMAC "TOPLITE" TOPBLOCK STANDARD INSULATION BLOCK OR SIMILAR APPROVED. RENDER & SKIM INTERNAL. MORTAR MIX AS RECOMMENDED BY BWK/BLOCK MANF. & TO BRE DIGEST No 178 & CP 121 PART 1 1973. GALV OR SIMILAR WALL TIES AT MAX 900 CRS. HORIZONTAL & 450 CRS. VERTICAL (STAGGERED) AT 300 CRS. AS NEAR TO DOOR/WINDOW JAMBS AS POSSIBLE. PROVIDE D.P.CS TO ALL JAMBS & ABOVE LINTOLS. CLOSE CAVITY AT PLATE LEVEL. PROVIDE THERMAL BREAKS WHERE REQ'D. IE. JAMBS ETC. IN THE STRUCTURE TO AVOID COLD BRIDGING. 50 x 100 WALLPLATES ON MORTAR BED WITH 30 x 5 x 1000 LG. GALV. ANCHOR STRAPS AT MAX. 2m. CRS. FITTED TO MANF. INSTRUCTIONS. "EXPAMET" OR SIMILAR WALL STARTERS FITTED TO MANF. INSTRUCTIONS.

FLOOR :-

19 WEYROC OR SIMILAR T&G BOARDING (FLOORING GRADE). 50 x 175 GRADE SC3 FLOOR JOISTS AT 400 CRS. C/W HERRINGBONE STRUTTING. 10 PLASTERBOARD & SKIM/ARTEX TO MATCH EXISTING. 12 GYPROC FIRELINING BOARD FITTED TO MANF. INSTRUCTIONS & SKIM/ARTEX FINISH. C/W FIRE STOPPING TO WALLS TO GIVE 1/2HR FIRE PROTECTION 2 LAYERS OF 100 F/G INSULATION BETWEEN FLOOR JOISTS TO BEDROOM. NOTE. MOISTURE RESISTANT GRADE T & G BOARDING TO BATHROOM FLOOR.

ROOF :-

CONCRETE INTERLOCKING ROOF TILES TO MATCH EXISTING "MARLEY" BOLD ROLL SMOOTH RED OR SIMILAR APPROVED LAID TO MANF. INSTRUCTIONS. ON 38 x 25 T.T. BATTENS (TO MATCH EXISTING) OFF 1 LAYER OF UNDERLAYABLE ROOFING FELT TO BS. 747 TYPE 1.F. WITH MIN. LAPS OF 150. TWINPLATE OR SIMILAR APPROVED ROOF TRUSSES, TYPE "FINK" PITCH TO MATCH EXISTING HOUSE SITE CHECK AT MAX. 400 CRS. TO COMPLY WITH BS. 5268 PART 3 1985 & FITTED TO MANF. INSTRUCTIONS. 200 F/G INSULATION. (100 BETWEEN TRUSSES & 100 OVER TRUSSES). PROVIDE LOFT ACCESS IF REQ'D BY CLIENT. RWPS & GUTTERS TO MATCH EXISTING. ALL FASCIA BOARDS & SOFFITS TO BE WHITE U.P.V.C. TO MATCH EXISTING.

ELECTRICS :-

EXTEND EXISTING CABLES TO NEW EXTENSION. SOCKETS/OUTLETS/LIGHTING POINTS TO I.E.E. REGULATIONS & N.H.B.C. STD. POSITIONS TO BE AGREED WITH CLIENT PRIOR TO FITTING.

HEATING :-

EXTEND EXISTING HEATING SYSTEM IF POSSIBLE. INSULATE HEATING PIPEWORK TO ROOF/FLOOR AS REQ'D. FIT THERMOSTATIC VALVES TO NEW RADIATORS.

VENTILATION :-

PROVIDE MECHANICAL VENTILATION TO BATHROOM EXTENSION TO GIVE AN AIR FLOW OF 15 LITRES PER SECOND DUCTED TO EXTERNAL AIR C/W OUTSIDE GRILLE.

STEEL BEAMS :-

2 No BOLTED TOGETHER WITH M16 GRADE 4.6 BOLTS AT 750 CRS (THRO. WEB) C/W STEEL TUBE OR BOX SPACERS. BEAMS TO HAVE MIN. 100 BEARING EITHER END OFF MIN. 2 No COURSES OF ENGINEERING BRICKS. BEAMS TO BE WITHIN FIRST FLOOR DEPTH.

REF.	QTY	JOINERY	I.G. LINTOL	LENGTH
1	1	2106V	LI/9 50	1500
2	1	2096V	LI/9 50	1500
3	1	INT. OPENING	2 No HD BOX 100	1500

ALL CODES GIVEN ARE FOR BOULTON & PAUL SOFTWOOD JOINERY WITH REBATES FOR DOUBLE GLAZED SEALED UNITS. GLAZING TO HAVE MIN. 12 MM AIR GAP. CLIENT REQ'S WHITE U.P.V.C. WINDOWS TO MATCH ABOVE CODES WITH TRICKLE VENTS TO GIVE 8000 MM² VENTILATION TO HABITABLE ROOMS & 4000 MM² VENTILATION ELSEWHERE

ALL I.G. LINTOLS TO BE INSULATED & LAID TO MANF. INSTRUCTIONS WITH MIN. END BEARING OF 150 MM.

ALL GLAZING TO COMPLY WITH BS. 6206 STD.
WINDOWS :- ANY GLASS WITHIN 800 MM ABOVE F.F.L TO BE TOUGHENED.
DOORS :- ANY GLASS WITHIN 1500 MM ABOVE F.F.L TO BE TOUGHENED.

SMOKE DETECTOR TO BE PROVIDED TO LANDING/HALLWAY TO BS 5446 PT1.

TO ALL WASTE PIPES PROVIDE 75 MM DIAGONAL TRAPS & RODDING POINTS. 50 MM PIPE TO SINGNER. 40 MM PIPE TO BASIN.

SOUTH HOLLAND DC
HOUSING & PLANNING
18 DEC 1998
Ref: 1254/98

DETERMINED
PLAN