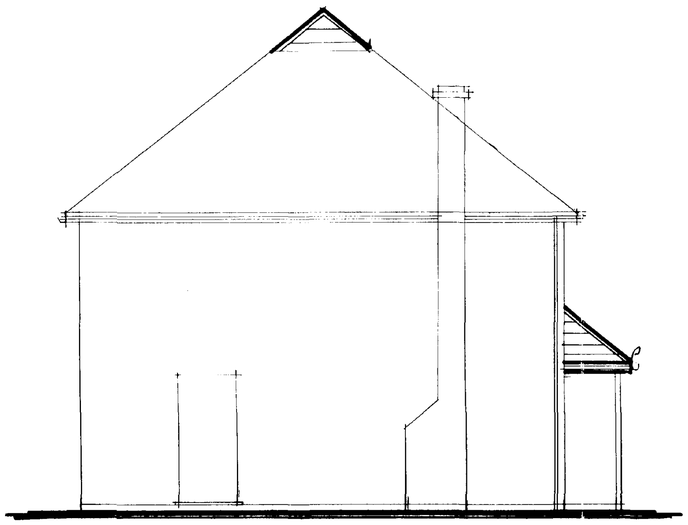
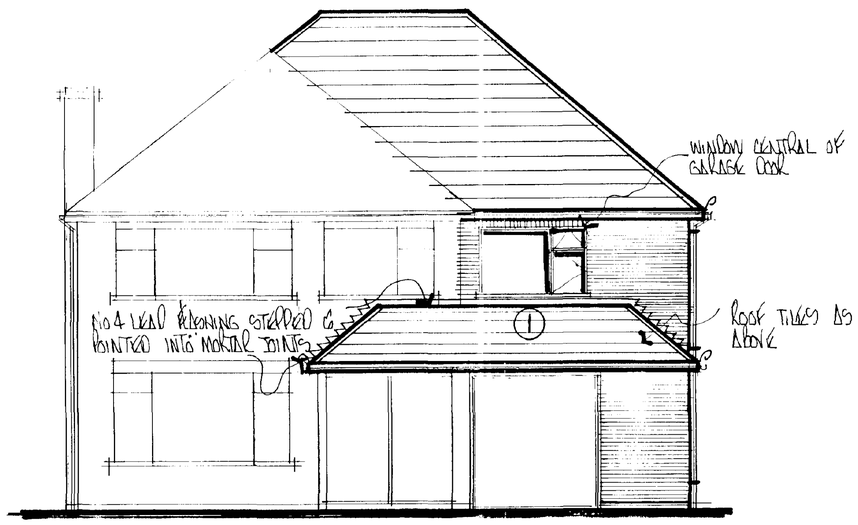
PROPOSED EXTENSION ONTO EXISTING DWELLING FOR MR & MRS R.M. BAKER, 1 SHERWOOD DRIVE, SPALDING, LINCS.

DRWG 1 OF 2

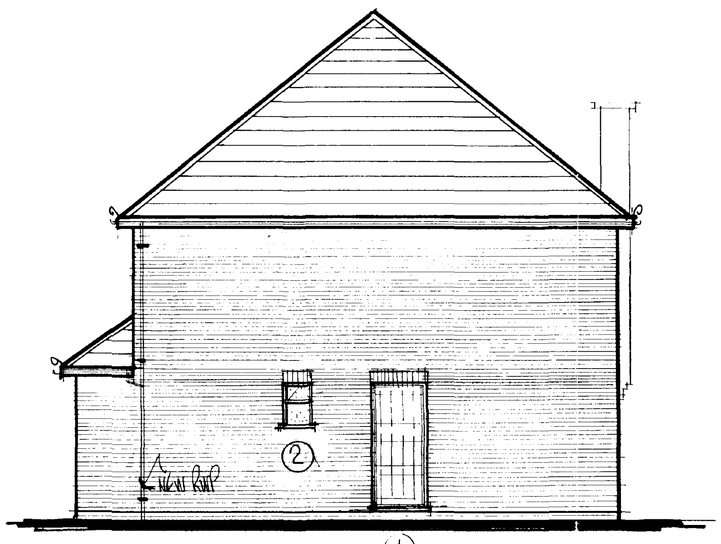


SIDE ELEVATION

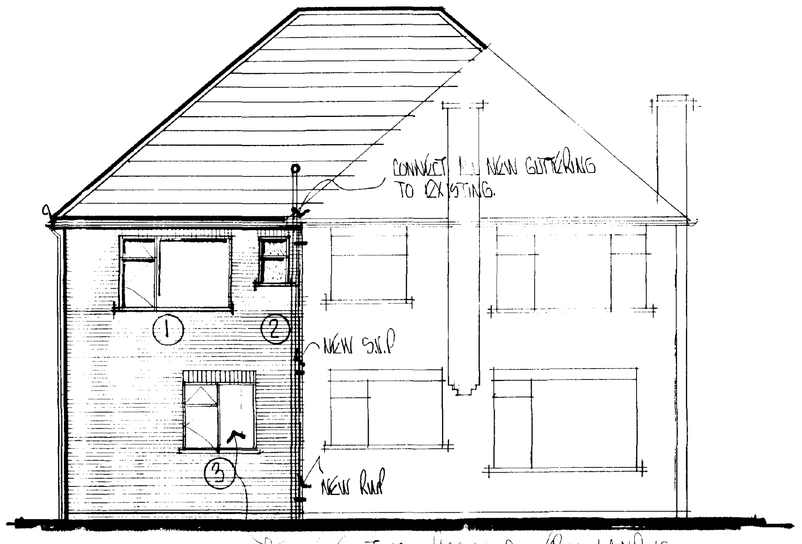
SCALE 1/50



FRONT ELEVATION



SIDE ELEVATION



REAR ELEVATION

FOUNDATIONS :-

REMOVE ALL VEGITATION FROM SITE PRIOR TO CONSTRUCTION.
700 WIDE x 225 DEEP CONC. STRIP FOUNDATION TO ALL NEW 265 CAVITY BWK.
450 WIDE x 225 DEEP CONC. STRIP FOUNDATION TO NEW 100 INTERNAL BLOCKWORK IF REQ'D. ALL CONC. MIX ST4. TAKEN DOWN TO A SUITABLE LOAD BEARING SUB-STRATA. IF ANY NON-LOAD BEARING SUB-STRATA IS ENCOUNTERED THE DESIGNER MUST BE INFORMED BEFORE LAYING ANY CONCRETE & THE ADVICE OF A CONSULTING ENGINEER WILL BE OBTAINED. ALL THE ABOVE TO BE APPROVED BY THE LOCAL BUILDING INSPECTOR.

WALLS :-

265 CAVITY BWK. COMPRISING 102 FACING BWK TO MATCH HOUSE. 65 CAVITY WITH 65 CRITTALL INSULATION LAID TO MANF. INSTRUCTIONS. 100 HEMELITE OR SIMILAR APPROVED INSULATION BLOCK RENDERED & SKIMMED EXCEPT GARAGE. MORTAR TO B.R.E. DIGEST NO 178 & C.P. 121 PART 1 1973 & AS RECOMMENDED BY BWK. / BLOCK MANF. GALV. OR SIMILAR WALL TIES AT MAX. 900 CRS HORIZONTAL & 450 CRS. VERTICAL (STAGGERED) & AT 300 CRS VERTICAL AS NEAR TO DOOR / WINDOW JAMBS AS POSSIBLE. TIES TO BE BUTTERFLY OR TWIST TYPE WITH CENTRAL DRIP & FITTED IN ACCORDANCE WITH BS 5628. D.P.C.'S AROUND ALL OPENINGS. HORIZONTAL D.P.C.'S ABOVE ALL I.B. LINTOLS CLOSE CAVITY AT PLATE LEVEL. LEAN MIX TO CAVITY MIN. 150 BELOW D.P.C. CLASS 'A' CONC. BLOCKS BELOW GROUND LEVEL. ALL BWKS. BELOW GROUND LEVEL TO BE F.L. QUALITY. 50x100 WALLPLATES OFF MORTAR BED WITH 30 x 5 x 1000 LG. GALV. METAL ANCHOR STRAPS AT MAX. 2M. CRS. EXPANDMENT WALL STARTERS OR SIMILAR APPROVED FITTED TO MANF. INSTRUCTIONS. PROVIDE THERMAL BREAKS WHERE REQ'D IN THE STRUCTURE TO AVOID COLD BRIDGING. INTERNAL STUD WALLING TO BE 50 x 75 BRACED TIMBER AT 400 CRS OFF 50x75 SOLE PLATE

FLOOR :- GROUND

150 MIN. CONSOLIDATED HARDCORE BLINDED. 1200 GAUGE D.P.M. LAPPED OVER D.P.C & EXISTING. 50 JABLITE FLOORING GRADE S.D. INSULATION WITH PERIMETER INSULATION TO WALLS. (NOT REQ'D TO GARAGE) ALL LAID TO MANF. INSTRUCTIONS. 100 MIN. CONCRETE ST4 MIX. SAND / CEMENT SCREED TO BRING FLOORS LEVEL. (NO SCREED TO GARAGE FLOOR)

ROOF :-

MARLEY OR SIMILAR APPROVED CONC. INTERLOCKING ROOF TILES TO MATCH EXISTING ALL LAID TO MANF. INSTRUCTIONS. TYPE :- LUDLOW PLUS GRANULAR BROWN. 75 HEADLAP OFF 38 x 25 T.T. TILING BATTENS OFF 1 LAYER OF UNDERLAY ROOFING FELT TO BS. 747 TYPE 1.F. WITH MIN. 150 LAPS. 638 P.V.C. KNOTS & 100 P.V.C. H.R. GUTTERS TO MATCH EXISTING. 200 F/G INSULATION BETWEEN & OVER CEILING JOISTS. 10 FOILBACKED PLASTERBOARD & SKIM / ARTEX. 127 GYPROC COVING AS REQ'D. SEE DRWG 2 OF FOR ROOF TIMBER SIZES ETC. CONTINUOUS 10 AIR GAP TO SOFFITS WITH PEV FLOOR MESH.

ROOF :- FIRST

19 WEYROC OR SIMILAR APPROVED T&G BOARDING (WATER RESISTANT TO EN-SUITE) SC3 GRADE ROOF JOISTS AT 400 CRS C/W HERRING BONE STRUTS. 10 PLASTERBOARD & SKIM / ARTEX TO UNDER 12 GYPROC FIRELINNING BOARD TO GARAGE TO GIVE ½ HR. FIRE RESISTANCE. 200 F/G INSULATION TO CEILING ABOVE GARAGE. ENCASE ALL EXPOSED LINTOLS TO GARAGE WITH ABOVE FIRELINNING BOARD & FIRE STOP WALLS.

DRAINS :-

POLYDRAIN OR SIMILAR APPROVED 110 Ø U.P.V.C. ALL LAID TO A SELF CLEANSING GRADIENT MIN. 1 IN 80. ALL JUNCTIONS TO HAVE SLOW BENDS. PROTECT ALL DRAINS NOT HAVING MORE THAN 600 COVER WITH CONC. PAVING / SLABS. S.V.P TO PROTECT 900 ABOVE ANY WINDOW / DOOR HEADS IF WITHIN 3M. & TERMINATE IN BALLON FINIAL. PIPES TO BE LAID ON SELECTED GRANULAR BED & BACKFILL. PROVIDE 75 MM DEEP SEAL TRAPS & RODDING POINTS TO ALL NEW WASTE PIPES. 50 MM WASTE TO SHOWER, 40 MM TO SINK & W.B. PROVIDE ACCESS TO SHOWER WASTE. ALL I.C.'S TO BE POLYDRAIN HIGH DENSITY BLOCK POLYETHYLENE WITH LIP SEAL & CAST IRON LID. BUILT OFF FIRM BED.

ELECTRICS :-

SOCKETS / OUTLETS / LIGHTING POINTS TO I.E.E. REGULATIONS & B.C. STD. POSITIONS TO BE AGREED WITH CLIENT PRIOR TO FITTING.

HEATING / HOT WATER SUPPLY SYSTEM CONTROLS :-

FIT T.R.V. TO ALL NEW RADIATORS & THERMOSTATS / TIME SWITCH TO HOT WATER CYLINDER

VENTILATION :-

PROVIDE MECHANICAL VENTILATION TO BATHROOM / EN-SUITE TO GIVE MIN. AIRFLOW OF 15 LITRES PER SECOND DUCTED TO EXTERNAL AIR. TO UTILITY AS ABOVE BUT AIRFLOW OF 30 LITRES PER SECOND. TO KITCHEN PROVIDE MECHANICAL VENTILATION TO GIVE A MIN. AIRFLOW OF NOT LESS THAN 60 LITRES PER SECOND OR INCORPORATED WITHIN A COOKER HOOD & EXTRACTING AT A RATE NOT LESS THAN 30 LITRES PER SECOND. HOT WATER SYSTEM VENTED. HOT WATER CYLINDER & PIPES TO BE INSULATED

SMOKE DETECTORS :-

PROVIDE SMOKE DETECTORS IN HALLWAYS / LANDINGS TO BS. 5446 PT 1. WHERE MORE THAN ONE IS FITTED THESE TO BE INSTALLED INTERLINKED. DETECTOR TO BE WITHIN 7M. OF KITCHEN / LOUNGE DOORS & WITHIN 3M OF BEDROOM DOORS. WHERE HALL / PASSAGE LONGER THAN 15 M. PROVIDE 2 No DETECTORS.

SAFETY GLAZING :-

GLAZING TO 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.

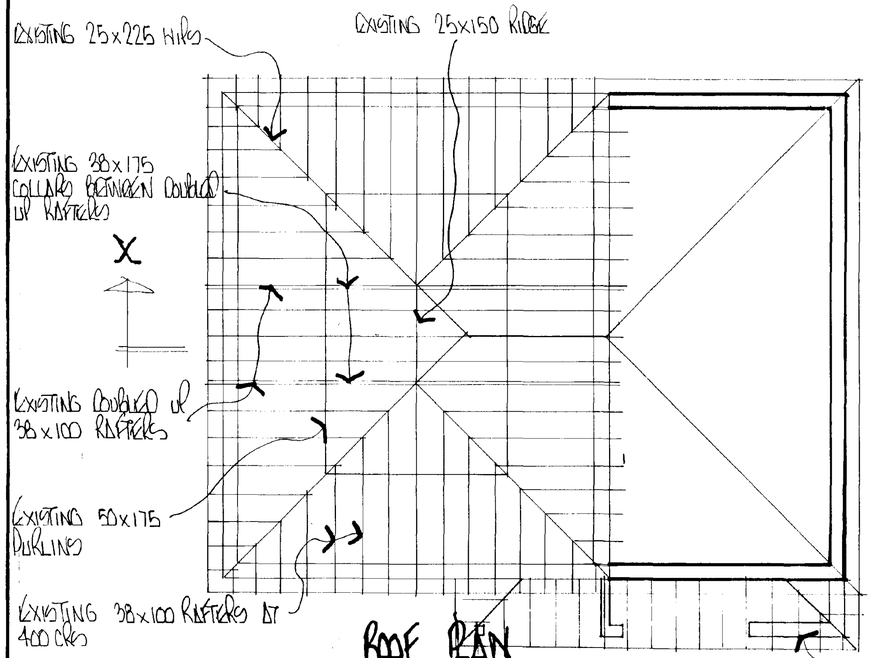
SURFACE WATER DRAINAGE :-

110 Ø U.P.V.C. POLYDRAIN OR SIMILAR PIPE TO MIN. 1200 Ø BRICK FILLED HOLE WITH POLYTHENE OVER & COVERED WITH TOP SOIL. MIN. GRADIENT OF PIPE 1 IN 100 LAYED ON GRAVEL FROM 5 TO 10 MM. PACK SELECTED BACKFILL AROUND PIPE TO HT. LEVEL WITH CROWN.

DETERMINED PLAN
SOUTH HOLLAND HOUSING & PLANNING
08 MAY 1996
B.C. STD.
Ref: 0424/96

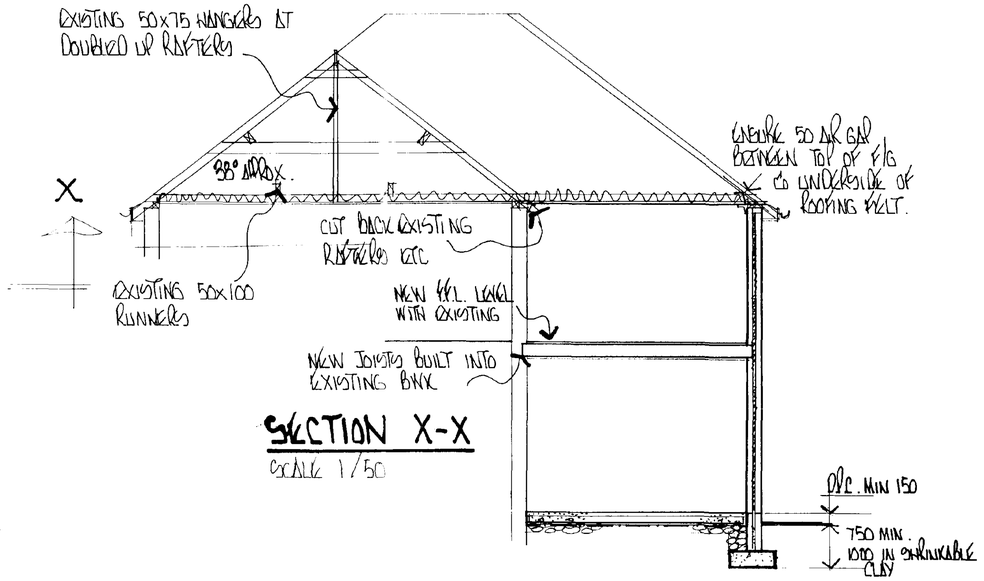
PROPOSED EXTENSION ONTO EXISTING DWELLING FOR MR & MRS R.M.BAKER, 1 SWERWOOD DRIVE, SPALDING, LINCS.

DRWG 2 of 2



ROOF PLAN

SCALE 1/50



SECTION X-X

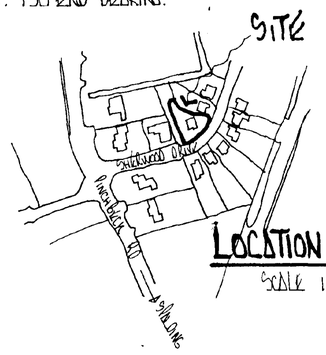
SCALE 1/50

TO WINDOWS / DOORS

TOUGHENED GLASS TO BS 6206 STD
WINDOWS ANY GLASS WITHIN 800 MM ABOVE F.F.L
DOORS ANY GLASS WITHIN 1500MM ABOVE F.F.L.

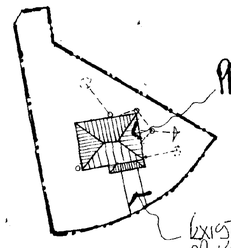
REF	QTY	WINDOW / DOOR CODE	LINTOL TYPE	LINTOL LENGTH
1	2	3:2T OP HAND	L1/HD 50	2100
2	2	NO7V	L1/S 50	900
3	1	2:2T CX. WINDOW	L1/HD 50	1500
4	1	PNM	L1/HD50	1200
5	1	INTERNAL DOOR	INTERNAL 100	1050

ALL WINDOWS / DOOR CODES GIVEN ARE FOR SOFTWOOD BOULTON & PAUL WITH REBATES FOR DOUBLE GLAZED UNITS. CLIENT REQ'S U.P.V.C. WHITE DOUBLE GLAZED WINDOWS OF SIMILAR SIZE / DESIGN.
WINDOWS TO HAVE TRICKLE VENTS TO GIVE 8000 MM² AIR VENT.
AIR GAP BETWEEN GLAZING TO BE MIN. 12MM.
ALL LINTOLS INSTALLED TO MANF. INSTRUCTIONS WITH MIN. 150 END BEARING.



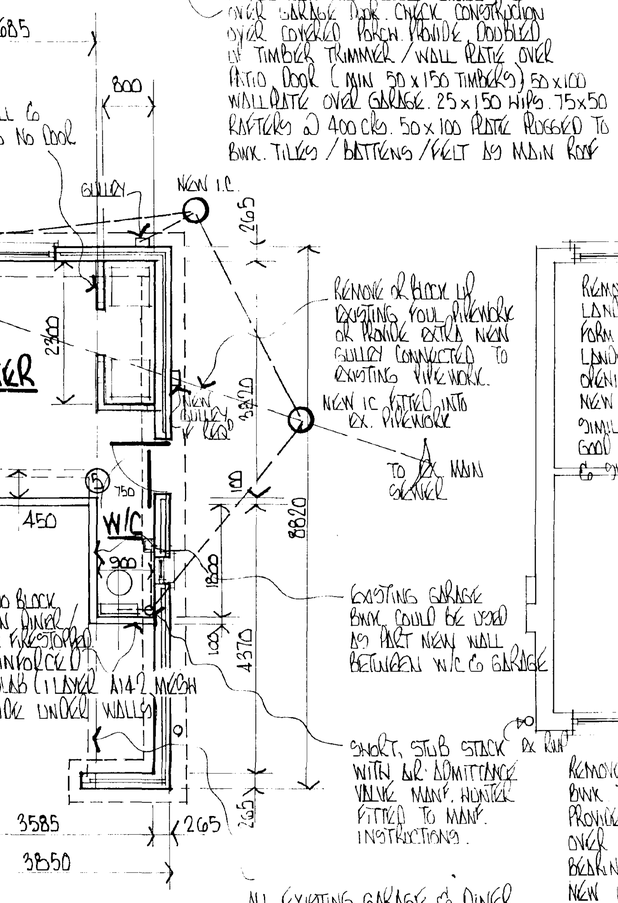
LOCATION PLAN

SCALE 1/2500



BLOCK PLAN

SCALE 1/500



GROUND FLOOR PLAN

SCALE 1/50

FIRST FLOOR PLAN

HOUS
08 MAY 1996
Ref: 0424/96