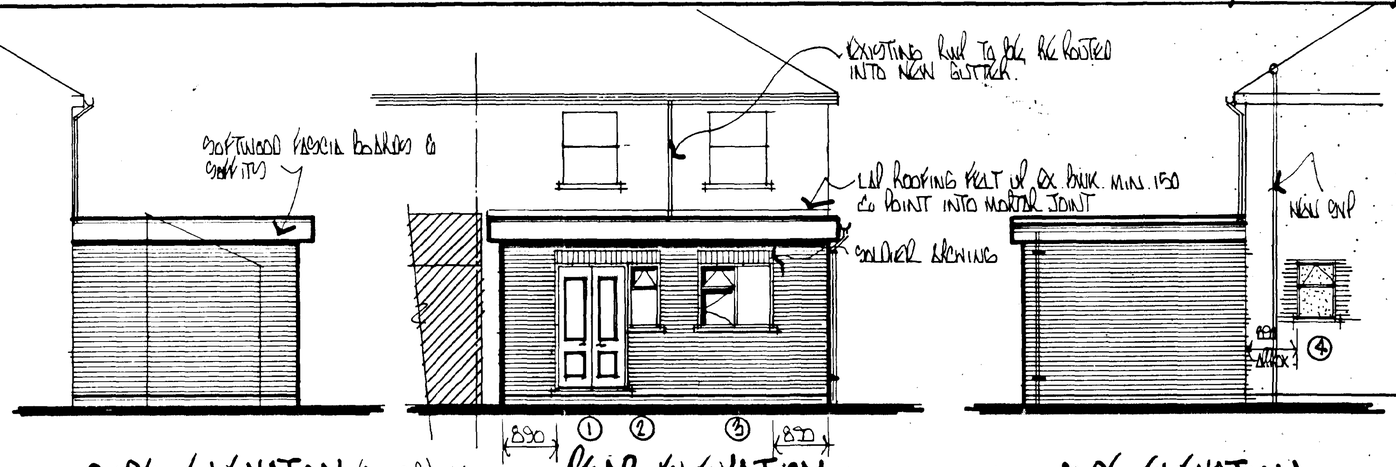
PROPOSED EXTENSION ONTO EXISTING DWELLING AT 54 HEREWARD ROAD, SPALDING, LINCS. FOR MR & MRS. S. SMITH.

DETERMINED PLAN

RECEIVED - 8 MAY 2000 Ref: 0597/00



SIDE ELEVATION (BOUNDARY)
SCALE 1/50

REAR ELEVATION

SIDE ELEVATION

CAST IRON FRAME & GRATE DOWN L.D. I.C. TO BE ON 100 COMPACTED & LEVEL BED. 75 DIA. PVC TRAPS & RODDING POINTS. 32 & PVC PIPE TO W/B. 38 & PVC PIPE TO BATH. S.V.P. TO PROJECT 900 ABOVE ANY WINDOW WITHIN 3 M. C/W PVC GUARD AT TOP OF STACK.

SURFACE WATER DRAINAGE :-
110 & UPVC POLYDRAIN, OR SIMILAR PIPE TO MIN. 1200 & BRICK FILLED HOLE WITH POLYTHENE OVER & COVERED WITH TOP SOIL. MIN. GRADIENT OF PIPE 1 IN 100 LAID ON GRAVEL BED FROM 5 TO 10 MM. PLACE SELECTED BACKFILL AROUND PIPE.

SMOKE DETECTORS :-
PROVIDE SMOKE DETECTORS TO BS 5446 Pt1.

FOUNDATIONS :-
600 WIDE x 225 DEEP CONC. STRIP FOUNDATION TO ALL CAVITY WALL. ALL MIX ST4 MIX. TAKEN DOWN TO A SUITABLE LOAD BEARING SUB STRATA. IF ANY NON LOAD BEARING SUB-STRATA IS ENCOUNTERED THE DESIGNER IS TO BE INFORMED BEFORE LAYING ANY CONC. & THE ADVISE OF A CONSULTING ENGINEER WILL BE OBTAINED. ALL THE ABOVE WORK IS TO BE APPROVED BY THE LOCAL BUILDING INSPECTOR.

WALLS :-
250 CAVITY WALL. TO COMPRISE OF 102 FACING WALL. TO MATCH EXISTING AS NEAR AS POSSIBLE (REQ). 50 CAVITY WITH 50 CELOTEX RM. INSULATION LAID TO MANF. INSTRUCTIONS. 100 TARMAC "TOPLITE" STANDARD INSULATION BLOCK. RENDER & SKIMMED INSIDE. MORTAR MIX AS RECOMMENDED BY BRK/BLOCK MANF & TO B.R.E. DIGEST 16, 178 & CP2 PART 1 1939 GALV. OR SIMILAR WALL TIES BUTTERFLY OR TWIST TYPE WITH CENTRAL DRIP & FIXED IN ACCORDANCE WITH BS 5628. TIES AT 900 CRS. HORIZONTAL & 450 CRS. VERTICAL STAGGERED & AT 300 CRS AS NEAR TO DOOR/WINDOW JAMBS AS POSSIBLE. D.P.C'S AROUND ALL OPENINGS WITH CAVITY TRAYS & WEEP HOLES ABOVE ALL LINTOLS. D.P.C'S & D.P.M'S TO BE JOINED & CONTINUOUS. CLOSE CAVITY AT PLATE LEVEL. LEAN MIX TO CAVITY MIN. 150 BELOW D.P.C. CLASS 'A' CONC. BLOCKS BELOW GROUND LEVEL. BRICKS BELOW GROUND LOAD TO BE F.L. QUALITY TO BS. 3921. ANY CRACKING APPEARING THRO. WALLS TO HAVE CONC. LINTOL OVER & MIN. GAP OF 50 MM. FILLED WITH COMPRESSIBLE MAT. 50x100 WALL PLATES OFF MORTAR BED WITH 30x5x1000 LG'S GALV. METAL ANCHOR STRAPS AT MAX. 2M CRS. PROVIDE THERMAL BREAKS WHERE REQ'D IN STRUCTURE TO AVOID COLD BRIDGING (THERMABATE CAVITY CLOSURES, TO JAMBS & SILLS) EXPLANCRETE OR SIMILAR WALL STARTERS FIXED TO MANF. INSTRUCTIONS.

FLOOR :-
150 MIN. CONSOLIDATED HARDCORE BLINDED. 1200 GAUGE D.P.M. LAID OVER D.P.C. 50 THK. JABLITE FLOORING GRADE INSULATION BOARDS WITH PERIMETER INSULATION. TO WALLS LAID TO MANF. INSTRUCTIONS. 100 MIN. CONCRETE OVERSITE SAND/CEMENT SCREED TO BRING FLOORS LEVEL

ROOF :-
12 MM GRADE CHIPPINGS OFF 3 LAYERS OF ROOFING FELT. BTM. LAYER NAILED. BACKED OFF 19 T&G. WBP OR SIMILAR ROOF DECKING. 75 TO 25 FIRRING PIECES. 50x225 JOISTS AT 400 CRS SC3 GRADE. 200 F/G INSULATION BETWEEN JOISTS. 10 PLASTERBOARD & SKIM/LATEX. 100 H.R. PVC GUTTER & 38 PVC RWP.

ELECTRICS :-
SOCKETS/OUTLETS/LIGHTING POINTS/SWITCHES & T.V. SOCKETS POSITIONS TO BE AGREED WITH CLIENT BEFORE FITTING. ALL TO I.E.E. REGULATIONS & N.H.B.C. STANDARDS.

HEATING :-
EXTEND SYSTEM TO INCORPORATE RADIATORS IN NEW ROOMS. CHECK WITH CLIENT RE:- POSITIONS. FIT T.R.V'S TO ALL NEW RADS. & THERMOSTATS. NEW PIPES TO BE INSTALLED IN FLOOR/CEILING.

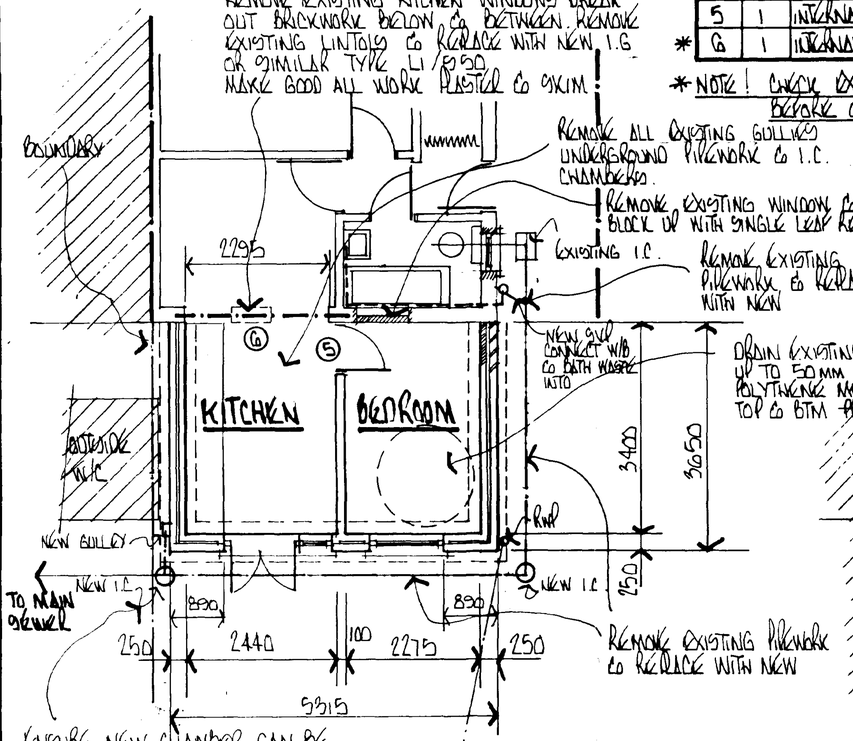
VENTILATION :-
PROVIDE MECHANICAL VENTILATION TO KITCHEN & BATHROOM.
KITCHEN :- 60 LITRES PER SECOND DUCTED TO EXTERNAL AIR OR INCORPORATE A COOKER HOOD.
BATHROOM :- 15 ABOVE TO GIVE 15 LITRES PER SECOND. ALL ABOVE TO HAVE 15 MIN. OVER RUN.

DRAINS :-
REMOVE ALL EXISTING DRAINS/GULLIES/CHAMBERS LOCAL TO NEW EXTENSION. PROVIDE NEW 100 & U.P.V.C. POLYDRAIN OR SIMILAR APPROVED PIPEWORK. LAID TO A SELF CLEANSING GRADIENT MIN. 1 IN 80 & SELF CLEANSING GRADIENT. ALL JUNCTIONS TO HAVE SLOW BENDS. PROTECT ALL DRAINS WITH LESS THAN 600 COVER WITH CONC. PATH/SLABS. PIPES LAID ON SELECTED BACKFILL & GRANULAR BED. NEW I.C'S TO BE 190 DIA. SHALLOW INSPECTION CHAMBERS C/W 200 &

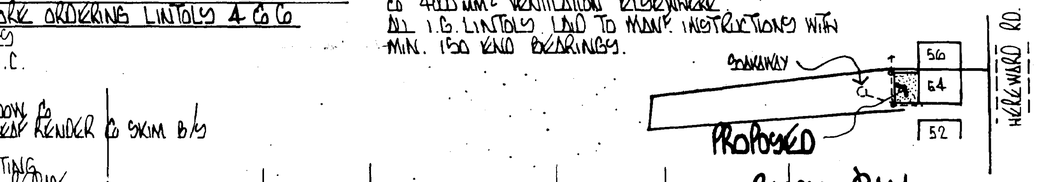
KEY	QTY	JOINERY CODE	I.G. LINTOL	LENGTH
1	1	PCP/D FRAME	L19/50	1950
2	1	N10V	L19/50	
3	1	210T	L19/50	1500
* 4	1	110V	L19/50	900
5	1	INTERNAL FRAME	INTERNAL 100	1050
* 6	1	INTERNAL OPENING	L1/G50	2550

* NOTE! CHECK EXISTING BRICKWORK CONSTRUCTION BEFORE ORDERING LINTOLS 4 & 6

JOINERY
ALL JOINERY CODES GIVEN ARE FOR SOFTWOOD JOINERY WITH REBATES FOR 14 MM DOUBLE GLAZED SEALED UNITS. ALL GLAZING TO COMPLY WITH BS 6206 STD.
WINDOWS :- ANY GLASS WITHIN 800 MM ABOVE FLOOR TO BE TOUGHENED
DOORS :- ANY GLASS WITHIN 1500 MM ABOVE FLOOR TO BE TOUGHENED
ALL WINDOWS TO HAVE TRICKLE VENTS TO GIVE 8000 mm² VENTILATION IN HABITABLE ROOMS & 4000 mm² VENTILATION ELSEWHERE
ALL I.G. LINTOLS LOAD TO MANF. INSTRUCTIONS WITH MIN. 150 END BEARINGS.



FLOOR PLAN
SCALE 1/50
160.3 m²



BLOCK PLAN
SCALE 1/500
·03 Ha.

SECTION X-X SCALE 1/25