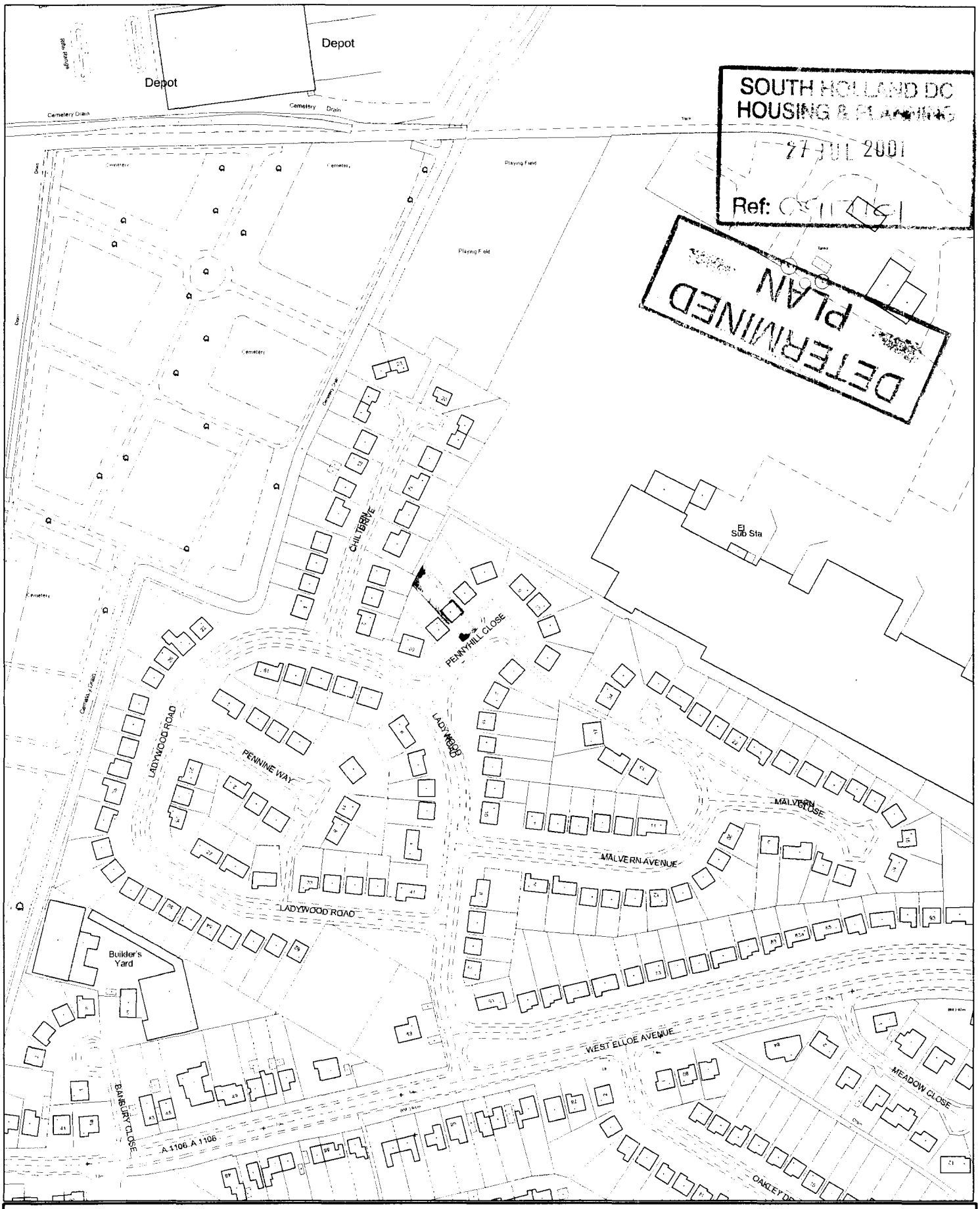


SOUTH HOLLAND DC
HOUSING & PLANNING
27 JUL 2001
Ref: S/H/1161

DETERMINED PLAN

SOUTH HOLLAND DISTRICT COUNCIL

Council Offices, Priory Road, Spalding, Lincolnshire PE11 2XE

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Scale: 1:2500

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roof :

INTERLOCKING CONCRETE ROOF TILES TO MATCH EXISTING TO BS: 473: 500 PART 2: 1972 ON 25 X 38 SOFTWOOD TREATED BATTENS AND UNDERFELT TO BS: 747 TYPE 1F AND IN ALL CASES TO BE LAPPED BY MIN. 150 BOTH HORIZONTALLY & VERTICALLY. TILES TO BE LAID WITH MIN. HEAD LAP OF 75MM AND FIXED WITH 1 EACH TO WIND SPEED ROOF PITCH AND EXPOSURE CATEGORY AS DETAILED IN CP 3 CHAPTER 5 PART 2 : 1972. ROOF TIMBERS TO CONSIST OF 38 X 150 RIDGE : 50 X 100 RAFTERS AT 400 CENTRES : 38 X 125 CEILING JOISTS AT 400 CENTRES : 100 X 175 PURLINS : 88 X 175 COLLAR : 50 X 100 BINDERS : 38 X 100 HANGERS : 38 X 175 APEX PIECE : 38X150 LAYBOARDS. FORM PRINCIPAL TRUSS AT MID SPAN OF WIDTH USING 2 NO. RAFTERS : 1 X CEILING JOIST WITH REMAINDER AS PREVIOUS SPEC : ALL CONNECTIONS TO BE BOLTED AND USING DOUBLE SIDED ROUND TOOTH PLATE CONNECTORS : 50 X 100 INFILL PLATE BEDDED ON SAND AND CEMENT. 30 X 5 GALVANISED METAL STRAPS TO ACT AS ANCHOR AND LATERAL RESTRAINT STRAPS AT MAX 2.0M CENTRES. LATERAL STRAPS TO BE OVER MIN 2 NO MEMBERS WITH SOLID BRIDGING LENGTH : STRAPS DOWN WALLS TO BE MIN. 900 LONG : ALL STRUCTURAL TIMBER MIN. 5.2 GRADE : VULCANIA FIBREGLASS TROUGH VALLEYS : 3MM EXTERNAL GRADE ASTUCCO SOFFITS WITH MIN. 25 MM WIDE CONTINUOUS AIR GAP AT EAVES COMPLETE WITH 4 NO FROST SCREENS : 200MM INSULATION QUILT TO ROOF SPACE : 12.5 CHROC DURAX PLASTERBOARD WITH ARTEX OR 3MM SKIM FINISH : 1/2 HUNTER HI-FIO CLUTTERS TO 68MM DOWNPIPES TO 110Ø UNDERGROUND PIPES FLEXIBLY JOINTED AND LAID TO FALLS WITH BED AND SURROUND OF 150 IN 14 PEA GRAVEL AND DISCHARGING TO 1.2M³ PROPERLY FORMED SOAKAWAYS : CODE 4 LEAD TO ABUTMENTS : MIN. UPSTANDS 150MM.

first floor :

NEW FLOORING TO BE SET TO AGREED WITH EXISTING LEVEL AND CONSIST OF 19 MM. FLOORING GRADE CHIPBOARD WITH JOINTS GLUED AND SCREWED. OVER 50X 125MM C/S GRADE FLOOR JOISTS AT 400 MM CENTRES : VOID BETWEEN FIRST FLOOR AND GARAGE TO BE FULLY INSULATED AND CEILING TO GARAGE TO BE 'DUROLY' 12.5 MM FIRELINE, BORDERING WITH 3MM SKIM FINISH : BALANCE OF CEILINGS TO BE 12.5 MM PLASTERBOARD WITH ARTEX OR 3MM SKIM FINISH : PROVIDE 20X5 MM LATERAL RESTRAINT STRAPS FRONT AND REAR OVER MIN 2 NO MEMBERS WITH SOLID BRIDGING. FLOORING TO BATHROOM TO BE "BATHROOM GRADE".

walling :

215 CAVITY WALL CONSTRUCTION TO CONSIST OF FACE BRICKWORK TO MATCH EXISTING TO BS: 3921: 1974 FOR CLAY BRICKS : 65 MM CAVITY WITH DRITHERM FULL FILL CAVITY WALL INSULATION BATTS INSTALLED TO MAKERS INSTRUCTIONS : INNER LEAF OF 100 MM SOLID INSULATION BLOCKS (TARMAC TOPBLOC) OR SIMILAR : CAVITY WALLS TIED TOGETHER USING STAINLESS STEEL TWIST TIES SET AT 900 HORIZONTALLY AND 450 VERTICALLY TO BS: 1243 : 1978 : WALL TIES TO BE POSITIONED AT 225 VERTICAL CENTRES TO ALL CLOSURES OF CAVITY WHERE UNPROVIDED : TO ALL CLOSURES OF CAVITY PROVIDE 'DAMCOR' OR SIMILAR TO MAKERS INSTRUCTIONS : SET PLASTER AND SKIM TO ALL WALLS EXCEPT GARAGE : SUB STRUCTURE WALLING TO CONSIST OF 100MM CLASS A DENSE CONCRETE BLOCKS TO BS: 6073 : PART 1: 1981 : DPC TO BE SET MIN. 150 ABOVE FINISHED GROUND LEVEL. WEAK MIX INFILL TO CAVITY AND NO CLOSER TO DPC THAN 225. DPC'S TO BE TO BS: 6398 / 8215 : 1983 : STUD WALLS TO CONSIST OF 50X100 VERTICAL MEMBERS COMPLETE WITH HEAD AND SOLE PLATES : CLAD ON BOTH SIDES WITH 12.5 MM PLASTERBOARD AND 3MM SKIM : INSULATION QUILTS TO VOIDS : WHERE STUD WALLS RUN PARALLEL TO JOISTS PROVIDE DOUBLED UP JOISTS BOLTED TOGETHER BELOW. DOUBLED UP MEMBERS TO BE IN ADDITION TO NORMAL JOIST SPACING.

ground floor :

TO GARAGE : 150MM WELL CONSOLIDATED HARDCORE WITH SAND OR DUST BLINDING 1200G. MEMBRANE : 100 CONCRETE : TO DWELLING AREAS : 150 MM CONSOLIDATED HARDCORE. SAND OR DUST BLINDING : 1200G OF MEMBRANE LAPPED CONTINUOUS WITH DPC BY 100MM : 50MM UNSLUTE OR SIMILAR FLOOR INSULATION BOARDS : 500G MEMBRANE : 100MM CONCRETE LAID OVER SLITE : 50 MM SAND AND CEMENT SCREED. FLOOR INSULATION TO BE LAPPED UP WALLS AT PERIMETERS.

foundations :

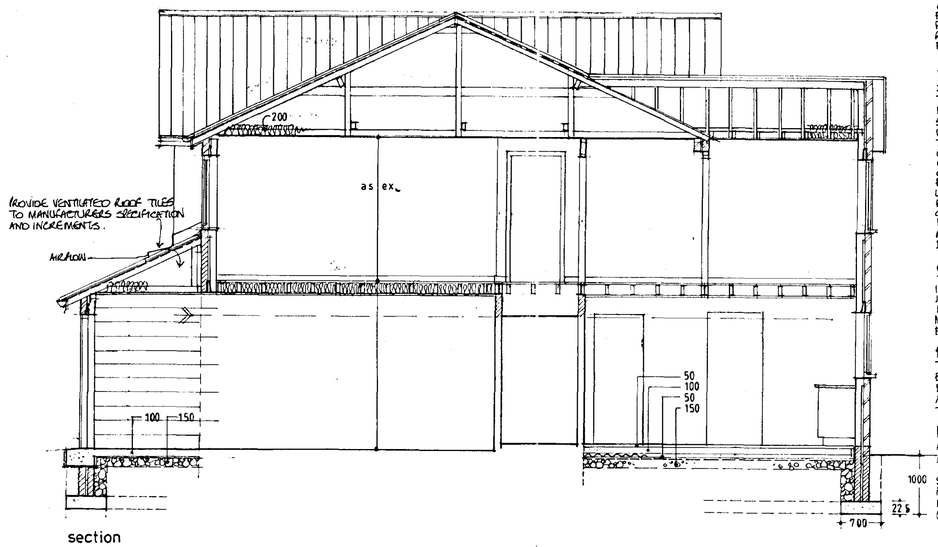
700 X 225 STRIP CONCRETE FOUNDATIONS TAKEN DOWN TO BEAR ON SUITABLE LOAD BEARING STRATA DEEMED TO BE 1000 BELOW GROUND LEVEL UNLESS SITE SITUATION DICTATES OTHERWISE. NOTE : FROM LOCAL KNOWLEDGE AND SIMILAR PROJECTS IN THE AREA THAT THE FOUNDATIONS TO THE EX. GARAGE WALL IS A FULL 700X225 STRIP. THIS TO BE CONFIRMED.

lintels :

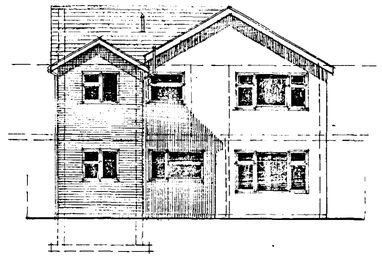
AS MANUFACTURED BY MESSRS : I.G AND INSTALLED TO MAKERS INSTRUCTIONS AND CONCRETE WITH MIN. 150 END BEARINGS AND CAVITY TRAY D/C'S TO EXT. POSITIONS.

smoke detectors :

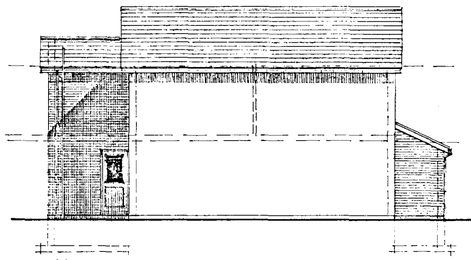
PROVIDE MAINS OPERATED SMOKE DETECTORS IN POSITIONS MARKED S.D AND TO BE INTERCONNECTED AND WIRED BACK TO DISTRIBUTION BOARD AND TO BE FUSED ON A SEPARATE CIRCUIT.



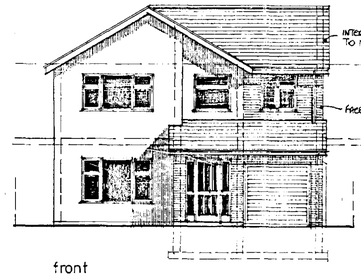
section



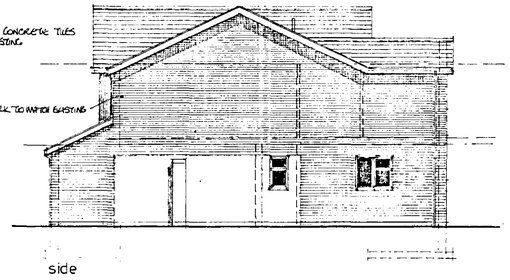
rear



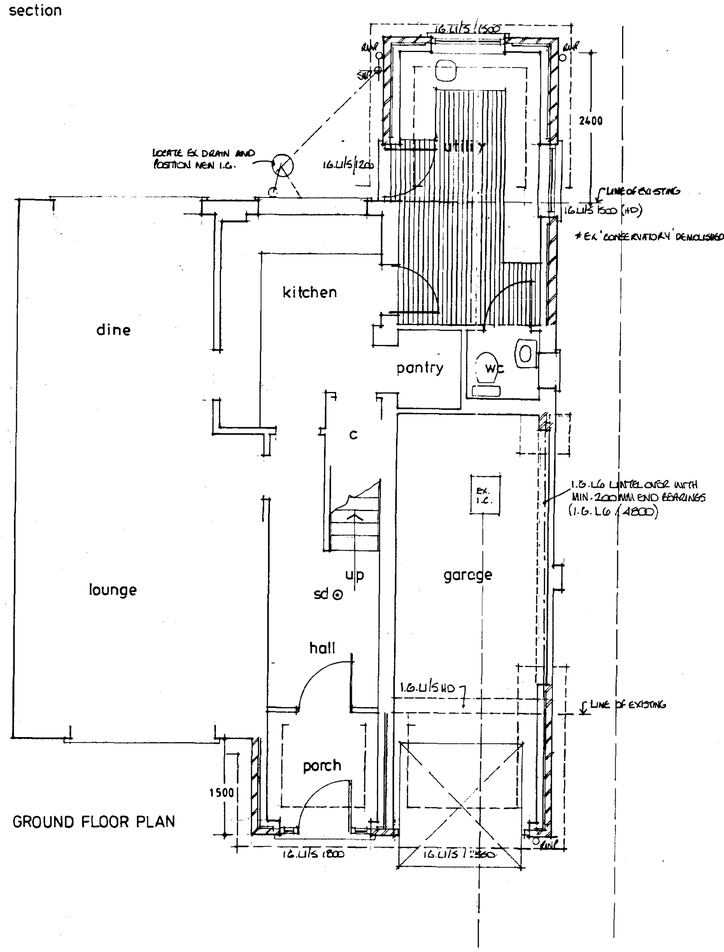
side



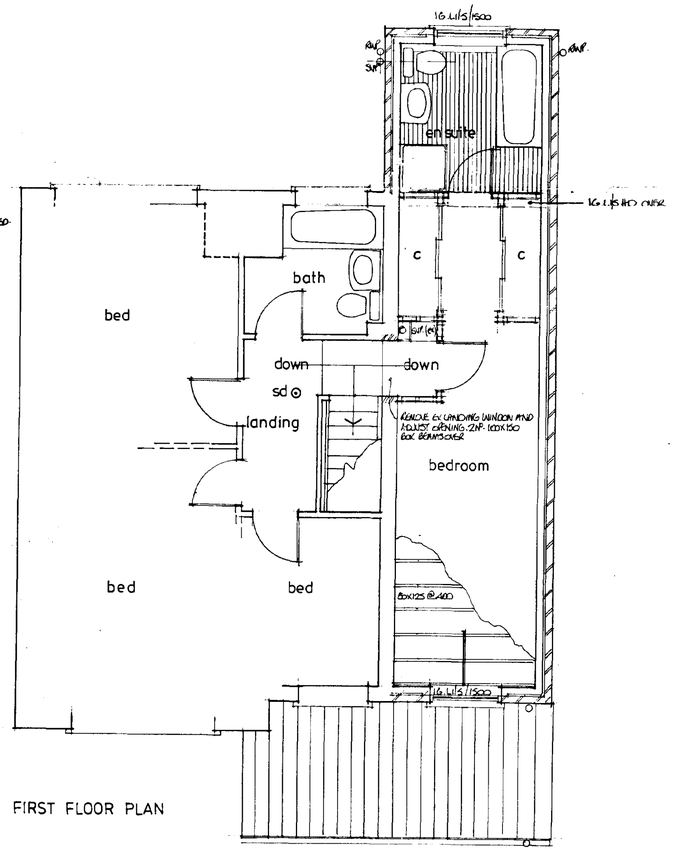
front



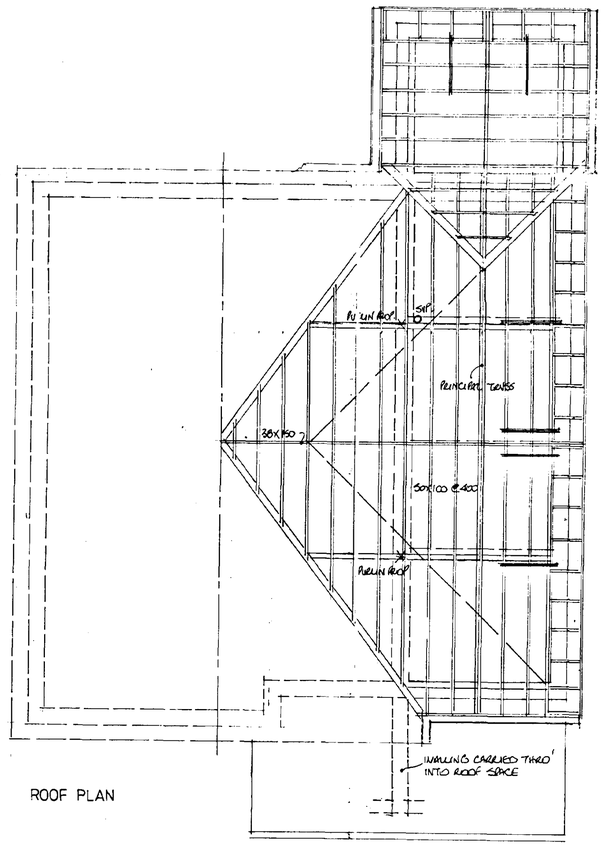
side



GROUND FLOOR PLAN



FIRST FLOOR PLAN



ROOF PLAN

windows · doors · glass :

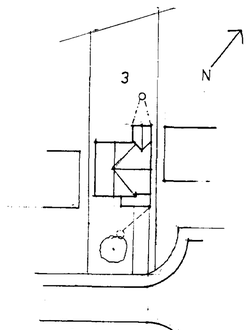
STANDARD PATTERN FRAMING IN WHITE PVC-U. ALL TO BE DOUBLE GLAZED WITH MIN. 12MM THERMAL BREAK. PROVIDE 100% DRAUGHT PROOFING. PROVIDE RAPID VENTILATION EQUAL TO 1/20TH FLOOR AREA PART OF WHICH IS AT LEAST 1.75M ABOVE FLOOR LEVEL. PROVIDE CONTROLLABLE BACKGROUND VENTILATION VIA TRICKLE VENTS OR AT LEAST 6000SQ.MM. TOUGHENED OR LAMINATED GLASS TO WINDOWS AND DOORS BELOW 800 FROM FLOOR : GLASS TO BS: 6206: 1981 AND TO APPROVED DOCUMENT PART N.

mechanical ventilation :

TO UTILITY ROOM PROVIDE MECHANICAL VENTILATOR WITH AN EXTRACT RATE OF AT LEAST 30 LITRES PER SECOND. MIN. 3 AIR CHANGES PER HOUR WITH 15 MINUTE OVERRUN AND AN EXTRACT RATE OF AT LEAST 15 LITRES PER SECOND.

foul drains :

INSPECTION CHAMBER CONSTRUCTION TO BE 'BARTOL' OR SIMILAR TO MAKERS INSTRUCTIONS WITH THE INT.Ø RELATED TO THE DEPTH TO BS: 8301: 1985: 110 UNDER GROUND PLASTIC PIPES FLEXIBLY JOINTED AND LAID TO FALLS TO BS: 4660: 1982 WITH BED AND SURROUND OF 150MM PEA GRAVEL : PROVIDE SUITABLE BRIDGING WHERE PIPES PASS THROUGH WALLS : SVP : 100Ø PVC TO BS: 4514 : 1983 AND TO EXTEND MIN. 900 ABOVE ANY WINDOW HEAD AND TERMINATE WITH PVC BALLOON. WASTE PIPES TO BE 32MM INT TO BS: 3943 : 1975 WITH RODDING EYES AT CHANGE OF DIRECTION : 75MM DEEP SEAL TRAPS TO APPLIANCES : 50MM WASTE TO SHOWER. GULLIES TO BE RODDABLE. FINAL DISCHARGE VIA EX. DRAINS TO MAIN SEWER.



BLOCK PLAN 1:500

DETERMINED
SOUTH HOLLAND DC
HOUSING & PLANNING
27 JUL 2001
Ref: 0917/01

client: MR. AND MRS. J. GARLAND
project: PROPOSED ALTERATIONS AND EXTENSIONS
AT: Nº 3. PENNY HILL CLOSE SPALDING.
scale: 1:50/1:100 date: JULY 2001 dwg. no: 03.

dimensions to be checked and verified on site, prior to commencement of works - errors/ bearing capabilities are not to be transferred unless deemed otherwise, with due account given, liverton-AS or any drawings are issued, where appropriate, subject to local Authority approval.
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