

roof:

INTERLOCKING CONCRETE ROOF TILES TO MATCH EXISTING IN STYLE AND COLOUR 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 150mm BOTH HORIZONTALLY AND VERTICALLY : TILES TO BE LAID WITH MINIMUM HEAD LAP OF 75MM AND BE FIXED WITH REGARD TO WIND SPEED ROOF PITCH AND EXPOSURE CATEGORY TO BS: 6399 PART 2 : 1985: PREFABRICATED ROOF TRUSSES TO BS: 5268 : PART 5: 1986: SET AT MAX. 600mm CENTRES: 25 X 100 RIDGE NOG AND INTERMEDIATE BINDERS : WIND BRACING TO TRUSS PLATE ASSOCIATION TECHNICAL BULLETIN SHEET 1 : PROVIDE ADDITIONAL BRACING WITHIN THE PLANE OF THE WEB: 25 X 100 CEILING TIES @ 45° : 50 X 100 WALL PLATE BEDDED ON SAND AND CEMENT : 30 X 5mm GALVANISED METAL STRAPS TO ACT AS ANCHOR AND LATERAL RESTRAINT STRAPS @ MAX. 2·0m CENTRES: LATERAL STRAPS OVER MIN. 3 NO MEMBERS WITH SOLID BRIDGING BENEATH : STRAPS DOWN WALLS TO BE MIN. 900 LONG. 38 X 150 LAY BOARDS : VULCANIK FIBREGLASS TROUGH VALLIES: ALL STRUCTURAL TIMBER MIN: SC3 GRADE: 9mm EXTERNAL GRADE PLYWOOD (OR MCM) SOFFITS WITH MIN. 25 MM CONTINUOUS AIR GAP AT EAVES WITH FLY PROOF SCREENS: 250 MM INSULATION QUILT LAID TO LAP INTEGRAL WITH WALL INSULATION AT EAVES: 112.5 HALF ROUND PLASTIC GUTTERS TO MATCH EXISTING TO 68mm DOWNPIPES TO EXISTING OUTFALLS. 12·5MM GYPROC DUPLEX PLASTERBOARD WITH ARTEX OR 3mm SKIM FINISH.

walling:

275MM CAVITY WALL CONSTRUCTION TO CONSIST OF FACE BRICKWORK TO MATCH EXISTING TO BS: 3921: 1974 FOR CLAY BRICKS : 75MM CAVITY WITH 75MM DAFTHERM FULL FILL CAVITY WALL INSULATION BATS INSTALLED TO THE MAKERS INSTRUCTIONS: 100MM SOLID INSULATION BLOCKS (FIBOLITE OR FIBOTHERM) OR SIMILAR : CAVITY WALLS TIED TOGETHER USING STAINLESS STEEL TWIST TIES SET AT 900MM HORIZONTALLY AND 450MM VERTICALLY TO BS:1243 : 1978 : WALL TIES TO BE POSITIONED AT 225 VERTICAL CENTRES AT ALL UNBONDED CLOSURES OF CAVITY : TO ALL CLOSURES OF CAVITY PROVIDE 'DANCOR' TO MAKERS INSTRUCTIONS. SET RASTER AND SKIM TO ALL WALLS EXCEPT GARAGE.
SUB STRUCTURE WALLING TO CONSIST OF 100MM SOLID CLASS A DENSE CONCRETE BLOCKS TO BS: 6073: PART 1 : 1981: DPC TO BE SET MINIMUM 150MM ABOVE FINISHED GROUND LEVEL: WEAK MIX INFILL TO BASE OF CAVITY AND NO CLOSER TO DPC THAN 225: DE'S TO BS:6398/8215 : 1991.

ground floor:

150MM WELL CONSOLIDATED HARDCORE WITH SAND OR DUST BLINDING 1200 G. POLYTHENE DAMP PROOF MEMBRANE LAPPED CONTINUOUS WITH DPC BY 100MM : 100MM JABLITE OR SIMILAR FLOOR INSULATION BOARDS CUT TO LAP UP WALLS AT PERIMETERS : 500 G MEMBRANE : 100MM CONCRETE LAID OVERSITE : 50MM SAND AND CEMENT SCREED.

foundations:

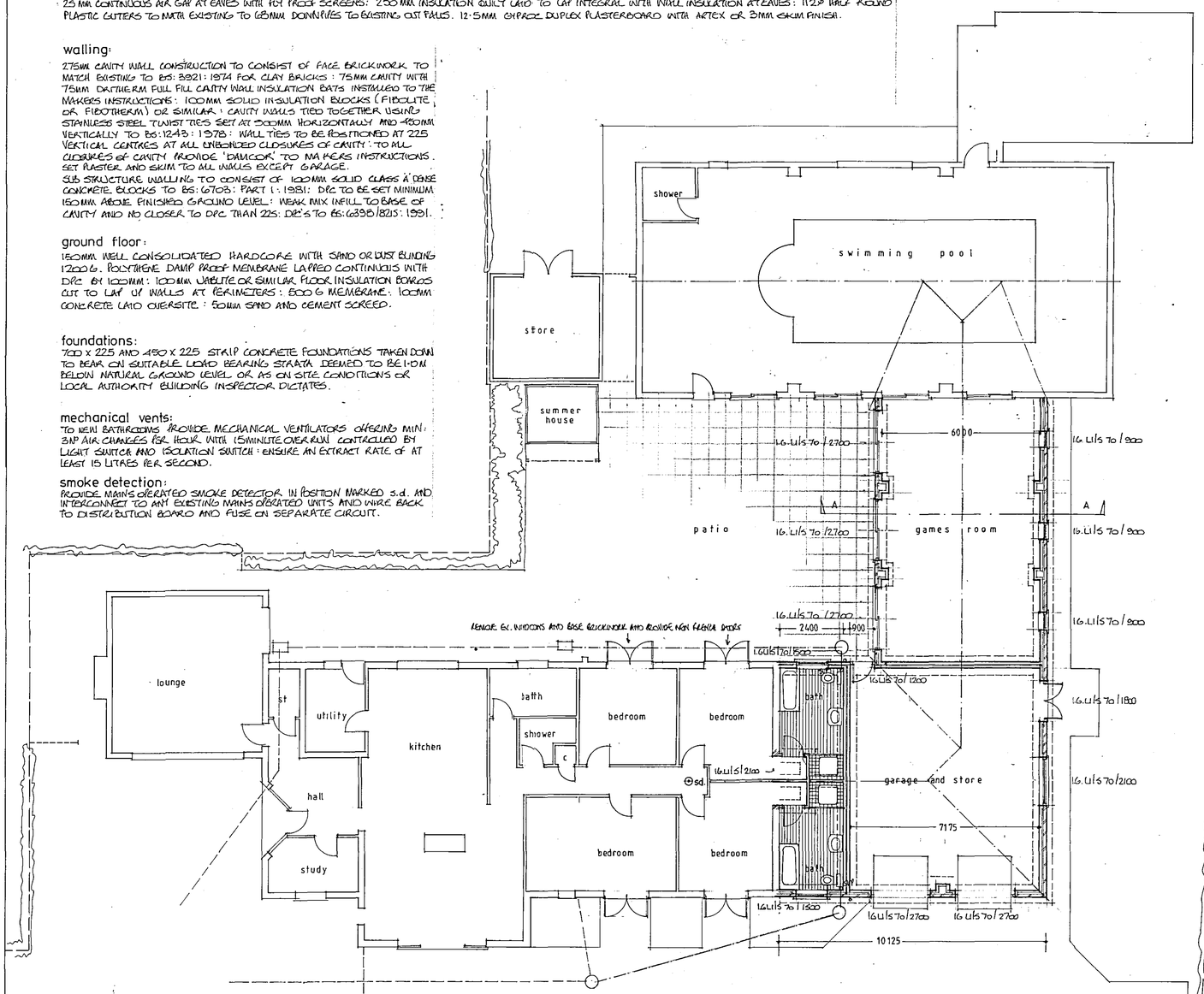
700 x 225 AND 450 x 225 STRIP CONCRETE FOUNDATIONS TAKEN DOWN TO BEAR ON SUITABLE LOAD BEARING STRATA DEEMED TO BE 1·0M BELOW NATURAL GROUND LEVEL OR AS ON SITE CONDITIONS OR LOCAL AUTHORITY BUILDING INSPECTOR DICTATES.

mechanical vents:

TO NEW BATHROOMS PROVIDE MECHANICAL VENTILATORS OFFERING MIN: 3 AIR CHANGES PER HOUR WITH 15 MINUTE OVERRUN CONTROLLED BY LIGHT SWITCH AND ISOLATION SWITCH : ENSURE AN EXTRACT RATE OF AT LEAST 15 LITRES PER SECOND.

smoke detection:

PROVIDE MAINS OPERATED SMOKE DETECTOR IN POSITION MARKED S.d. AND INTERCONNECT TO ANY EXISTING MAINS OPERATED UNITS AND WIRE BACK TO DISTRIBUTION BOARD AND FUSE ON SEPARATE CIRCUIT.

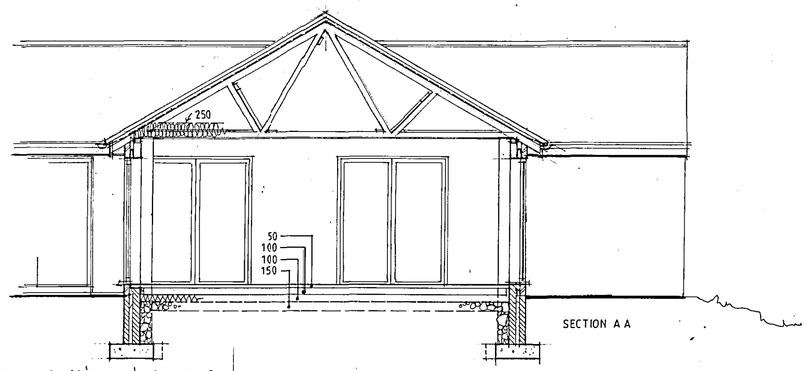


windows·doors·glass:

STANDARD PATTERN FRAMING IN SOFTWOOD OR PVCU ALL DOUBLE GLAZED WITH MINIMUM 25MM THERMAL BREAK AND ENERGY GLASS (PILKINGTONK) OR SIMILAR : TOUGHENED OR LAMINATED GLASS TO DOORS AND ANY AREAS WITHIN 800MM OF FLOOR : GLASS TO BE TO BS: 6206 : 1981 AND TO APPROVED DOCUMENT PART N OF THE BUILDING REGULATIONS: PROVIDE 100% DRAUGHT PROOFING : RAPID VENTILATION EQUAL TO 1/20TH OF FLOOR AREA PART OF WHICH IS AT LEAST 1·75 M ABOVE FLOOR LEVEL: PROVIDE CONTROLABLE BACKGROUND VENTILATION VIA TRICKLE VENTS OF AT LEAST 8000 MM²: PROVIDE ESCAPE HINGES TO WINDOWS WITH UNOBSTRUCTED OPENABLE AREAS OF AT LEAST 0·33M (750 X 450).

lintels:

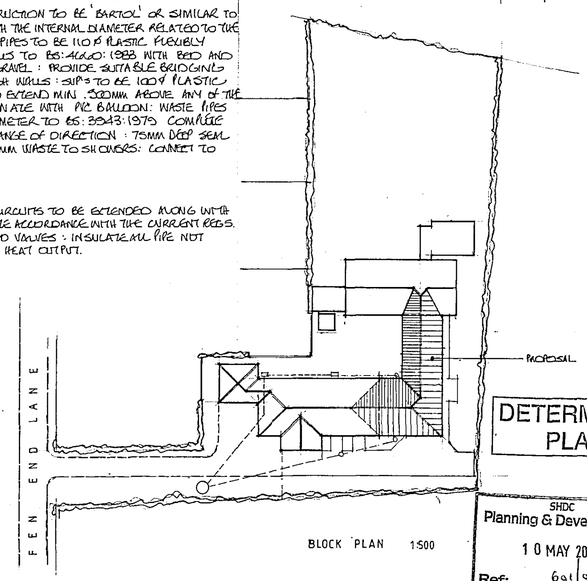
TO BE AS MANUFACTURED BY MESSRS: I·G OR SIMILAR IN COMPLETE ACCORDANCE WITH MAKERS INSTRUCTIONS AND BE COMPLETE WITH MINIMUM 150MM END BEARINGS AND CAVITY TRAY DPC TO EXTERNAL POSITIONS



foul drains:

INSPECTION CHAMBER CONSTRUCTION TO BE 'BARTOL' OR SIMILAR TO THE MAKERS INSTRUCTIONS WITH THE INTERNAL DIAMETER RELATED TO THE DEPTH TO BS: 8301: 1985 : PIPES TO BE 110 Ø PLASTIC FLEXIBLY JOINTED AND LAID TO FALLS TO BS: 4660: 1989 WITH BED AND SURROUND OF 150MM PEA GRAVEL : PROVIDE SUITABLE BRIDGING WHERE PIPES PASS THROUGH WALLS : SVP'S TO BE 100 Ø PLASTIC TO BS: 4514: 1983 : AND TO EXTEND MIN. 900MM ABOVE ANY OF THE WINDOW HEADS AND TERMINATE WITH PVC BALLOON: WASTE PIPES TO BE 38MM INTERNAL DIAMETER TO BS: 3943: 1979 COMPLETE WITH RODDING EYES AT CHANGE OF DIRECTION : 75MM DEEP SEAL TRAPS TO APPLIANCES : 40MM WASTE TO SHOWERS: CONNECT TO EX. DRAINS RUNS.

*PLUMBING AND ELECTRICAL CIRCUITS TO BE EXTENDED ALONG WITH HEATING AND ALL IN COMPLETE ACCORDANCE WITH THE CURRENT REGS. PROVIDE THERMOSTATIC RAD VALVES : INSULATE ALL PIPE NOT CONTRIBUTING TO USEFUL HEAT OUTPUT.



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Client: MR AND MRS C. PEARCE

Project: PROPOSED ALTERATIONS AND EXTENSIONS AT : NO. 39 FEN END LANE SPALDING LINCS.

Scale: 1:100 / 1:50

Date: APRIL 2004

Drawing No: 0003.

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All dimensions to be checked and verified on site prior to commencement of works. Ground bearing capabilities assumed to be normal unless deemed otherwise with due account given thereto. All drawings are issued, where appropriate, subject to Local Authority approvals.

The works shall comprise of that shown on the drawings and include any works that whilst not specifically shown but may be reasonably inferred as being necessary to carry out the works shall be deemed to be included. The drawings are limited in the amount of information contained and are specifically for the gaining of consents or considerations from Local Authorities. The works are not fully specified and drawings should not be used for Contract purposes.

Unless specified otherwise, no formal Flood Risk Assessment has been undertaken and due account therefore has been given to the discharge of surface and foul water to existing outfalls or as specified upon the drawing.

DETERMINED PLAN

SHDC Planning & Development

10 MAY 2004

Ref: 604/04