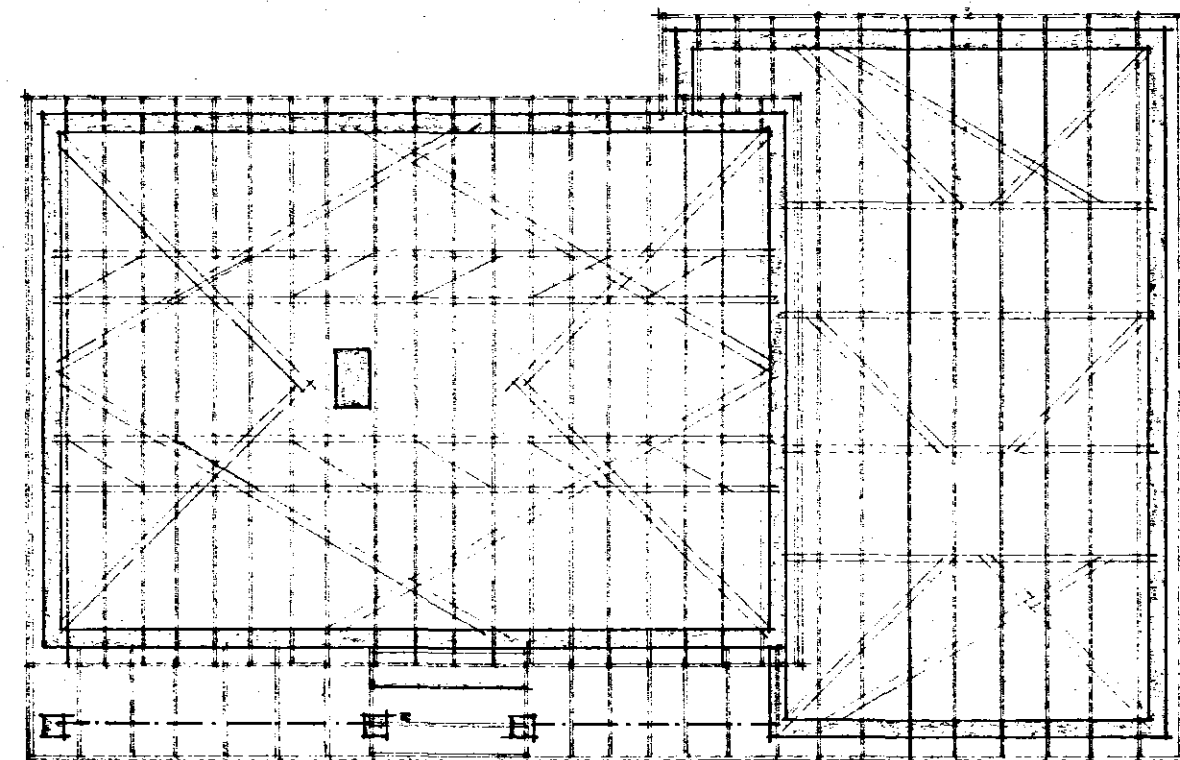
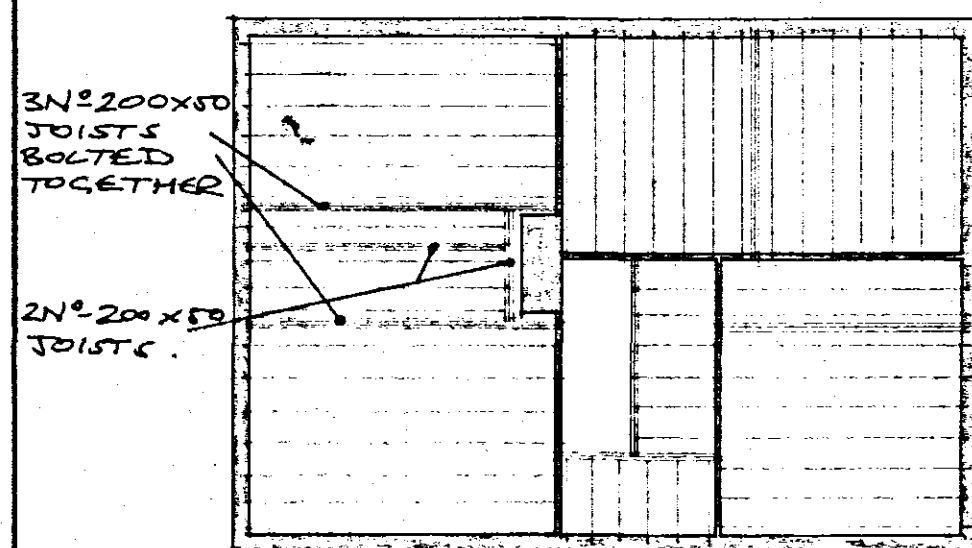




ROOF PLAN

NO TIMBER TO BE CLOSER THAN 40MM FROM CHIMNEY.



FLOOR JOIST PLAN

CEILINGS

To all insulated roof ceilings provide 12.7 gyproc duplex plasterboard + 3 skim. To remaining ground floor ceilings provide 9.5 plasterboard + 3 skim.
NOTE: Garage ceiling to comprise 1 no. layer 9.5 plasterboard. No insulation to roof space. Garage floor to be as for domestic except omit sand/cement screed. Note: Ensure garage floor is min 100 mellow domestic floor level.

WALLING

250 cavity walls to consist of:
100 facing b/wk (see site plan for details).
50 cavity, filled with Ecamax dry cavity wall insulation. All work carried out in accordance with Agreement Board Cert. No. 84/1396, or similar approved).
100 internal skin of 'Lyttag' solid insulation blockwork.
Cavity walls tied together using galvanized iron or plastic twist ties spaced 900 horizontally and 450 vertically to comply to B.S. 1243 1978. Ground floor internal walls to be 100 solid insulation blockwork. First floor internal walls to be 100 stud partitions constructed of 75 x 50 stud and sole plates, 75 x 50 vertical studs @ 400 c/c. 12.7 plasterboard and skim finish to both sides. Stud partitions running parallel to joist direction to be built off double up floor joists.
Note: Double up floor joists to be in addition to normal joist spacing. Where stud partitions run at right angles to joist direction, provide 50 x 100 sole plate.

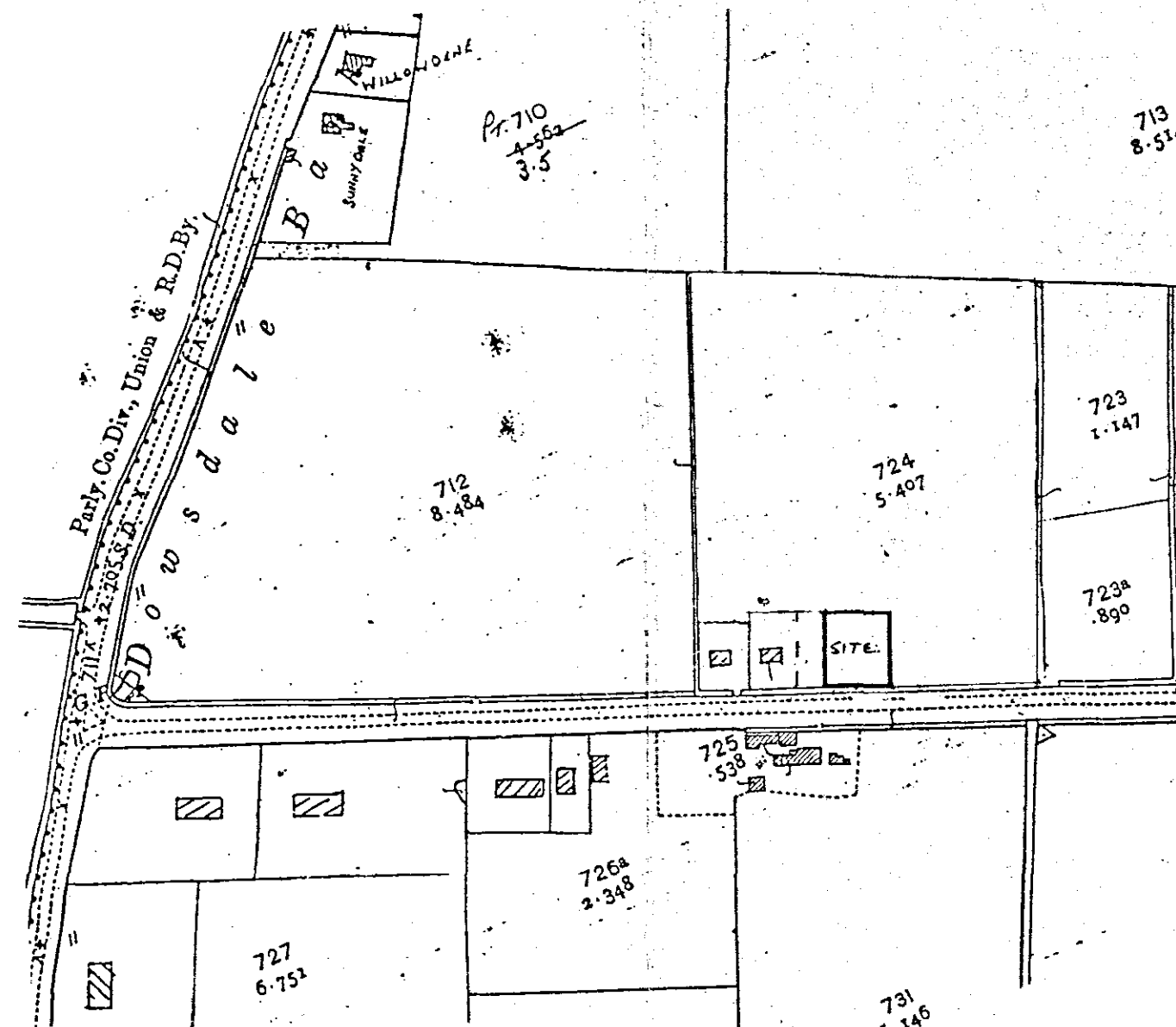
ROOF CONSTRUCTION
Concrete interlocking tiles (see site plan for details) on 38 x 25 s.w. treated timber battens on underfelt to B.S. 747 (Type 1F) lapped 150 horizontally and 100 vertically. Twinplate fink type roof trusses @ 600 c/c @ 35° pitch in accordance with B.S. 5268 part 3 1985.
2 no. 25 x 100 ceiling binders 25 x 100 30° diagonal roof bracing.
25 x 100 longitudinal bracing members and 25 x 100 bracing on internal members. All trusses and gable ladders to be strapped to wall plate and gable wall at verges and ceiling level at max 1.200 centres using M.S. anchor and lateral restraint straps.
NOTE: At lateral strap positions provide pack and 38 x 50 noggings to trusses.
25 x 175 P.S.E. fascia and barge boards.
PVC rainwater goods, 100 H.R. gutters and 63 downpipes.
Close cavity at eaves level.

ROOF VENTILATION

To roof soffits use 'Nene Joinery' soffit ventilation boards. Soffit boards to give ventilation of equivalent to a 10 mm continuous strip.

ROOF INSULATION

To ground floor and first floor roof space provide 100 fibreglass insulation (Note: pitch not to be insulated)



LOCATION PLAN

PORCH ROOF:

AS MAIN ROOF EXCEPT TO BE MONO TYPE TRUSSES TRUSSES SUPPORTED BY 2N° 50 x 200 JOISTS BOLTED TOGETHER, SPANNING OFF 325 x 325 BRICK PILES. 6mm MASTERBOARD OR SIMILAR TO PORCH CEILING.

PORCH GABLES:

CLAD WITH 16mm TREATED SHAPLAP BOARDING ON 25 x 19 BATTENS ON BREATHER PAPER, SECURED TO TRUSSES.

GENERAL NOTES:

TRUSSES OVER GARAGE/UTILITY/ SUN LOUNGE TO BE 'ROOM IN ROOF' TYPE.

NO INSULATION REQUIRED TO GARAGE CEILING.

NO SCREED REQUIRED TO GARAGE FLOOR.

PROVIDE FIRE DOOR BETWEEN GARAGE & UTILITY, TO BE 1/2 HR. FIRE RESISTING, SELF CLOSING.

PROVIDE 100 STEP DOWN FROM UTILITY TO GARAGE.

ACCESS:

FORM ACCESSES AS SHOWN ALL TO L.A. REQUIREMENTS. DYKE TO BE PIPED AT ACCESS POSITIONS ALL TO L.A. REQUIREMENTS.

TURNING AREA:

FORM TURNING AREA FROM GARAGE ALL TO L.A. REQUIREMENTS.

DRIVE:

75 (14 DOWN) WASHED GRAVEL ON 100 BLINDED & CONSOLIDATED HARDCORE BASE. 50 x 125 CONC. EDGING KERBS BEDDED & HAUNCHED IN WEAK MIX CONCRETE.

LANDSCAPING

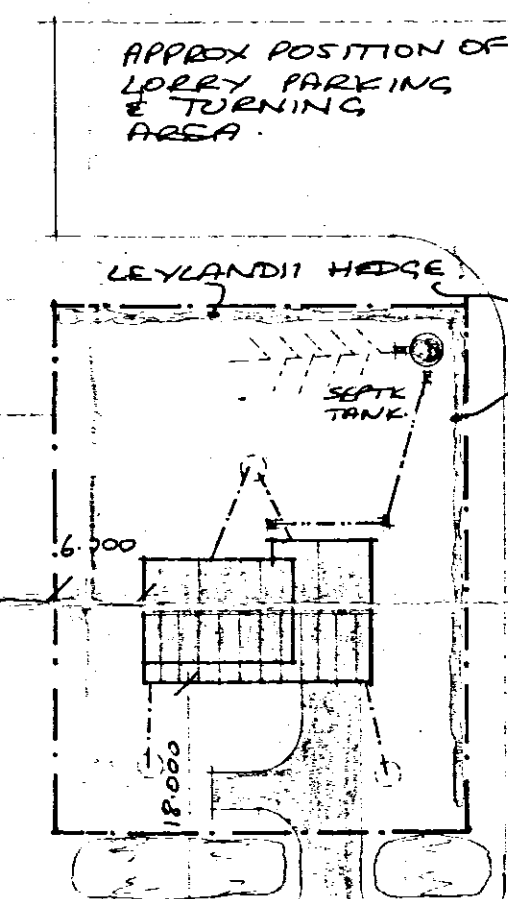
PROVIDE A LEYLANDII SCREEN HEDGE TO THE NORTH & EAST BOUNDARIES OF SITE AS SHOWN.

EXTERNAL MATERIALS:

'NOTTINGHAM' IVORY RECT FACING BRICKS.

SMOOTH BROWN, CONC. INTERLOCKING ROOF TILES, TO CLIENTS REQUIREMENTS.

APPROX POSITION OF PROPOSED 6000 SQFT OF GLASS HOUSING OR POLYTHENE TUNNELS.

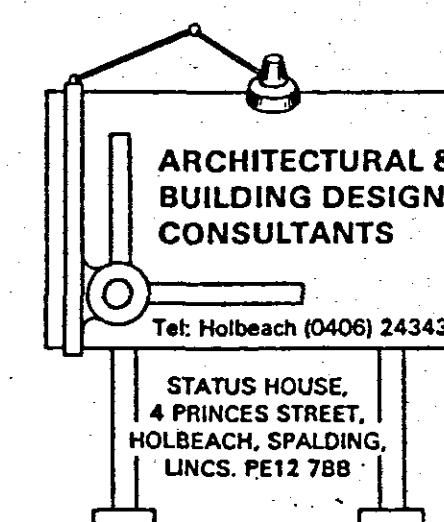


SITE PLAN

SEPTIC TANK

Connect foul water drains to 600 gallon capacity 'Klargester' type septic tank constructed in accord. with L.A. requirements. The sub-irrigational drainage system to the septic tank is to be determined by percolation test in accord. with the provisions of clause 15.3.2. of B.S. 6297:1983. The applicant is responsible for carrying out the tests and the minimum requirement is 25 metres of sub-irrigational drainage or such length as may be determined by the test, whichever is the greater.
The Council recommend that septic tanks, cesspools and settlement tanks be sited a minimum distance of 12 metres (40 feet) from dwellings. Applicants are further advised that during times of inclement weather, the ground water level rises accordingly it is essential that drainage falls to the septic tank are kept to the minimum, say 1 in 70, and the tank particularly the bottle type, is modified by reducing its neck length by cutting to ensure that both inlet and outlet are maintained above ground water level. Applicants are reminded that the consent of Anglian Water must be sought under the provisions of Section 34 of the Control of Pollution Act 1974, for permission to discharge sewage effluent into the underground strata. Anglian Water do not permit septic tank soakaway systems to be situated within 5 metres of any watercourse or to discharge effluent directly or indirectly into an aquifer. SHOULD THE RESULTS OF THE PERCOLATION TEST PROVE TO BE UNSATISFACTORY FOR SEPTIC TANK DRAINAGE DUE TO IMPERVIOUS SOIL CONDITIONS SUCH AS CLAY, THEN A CESSPOOL OF 18,000 LITRES (4000 GALLONS) CAPACITY MUST BE USED.

status design



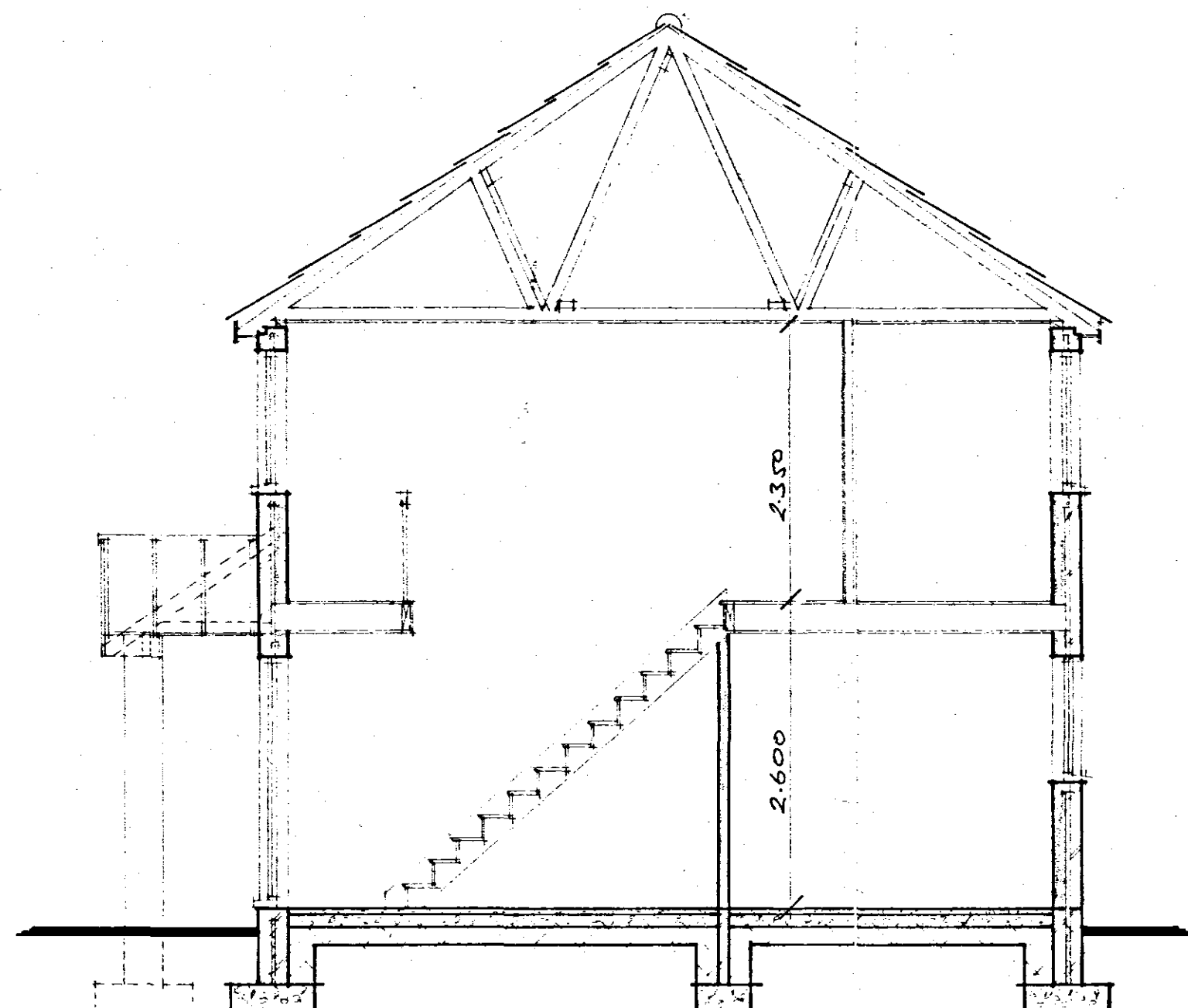
PROPOSED HOUSE WITH GARAGE AT WHALE DROVE, WHAPLODE DROVE, FOR MR. G. D. ABRAMS.

1:2500 - 1:500
1:50 - 1:100

771221/2

FEB - 88

B. GILHAM: FFB.



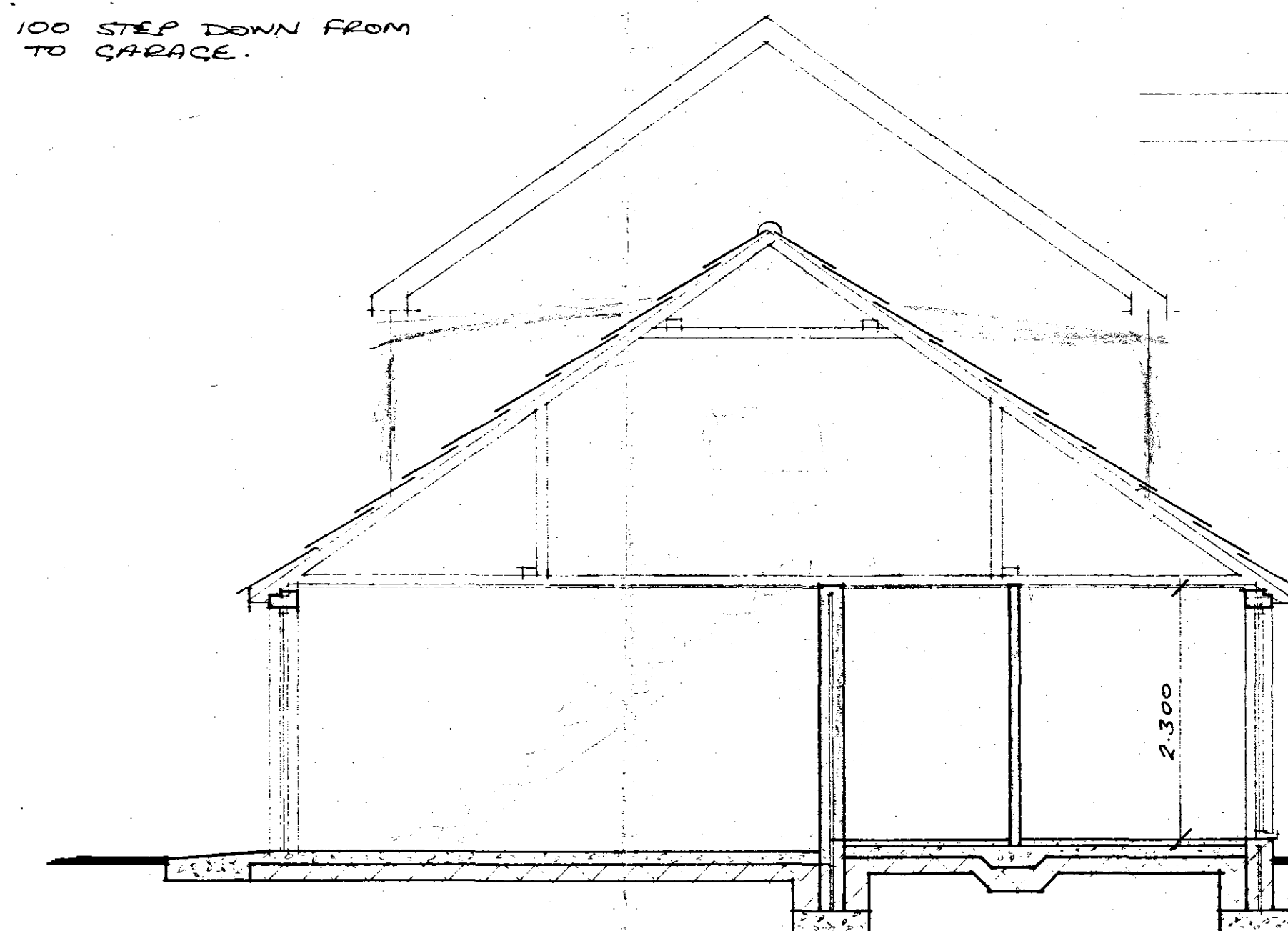
SECTION A-A

FLASHINGS:

AT ALL ROOF & WALL ABUTMENTS PROVIDE 4LB LEAD FLASHINGS WITH MIN. 150 UPSTAND ALL TO MAKE COMPLETELY WATERTIGHT.

SHOWERS:

SHOWER TRAYS TO BE RAISED TO GIVE ACCESS TO WASTE TRAP. BATHROOM SHOWER TO HAVE SD & WASTE.



SECTION B-B

FOUNDATIONS:

NON-LOADBEARING WALLS TO BE SUPPORTED OFF THICKENED OUT SLAB TO MIN. DIMS. 450 x 225.

PERMANENT:

PROVIDE PERMANENT TO EXTERNAL WALL OF KITCHEN OR KITCHEN WINDOW, CROSS SECTIONAL AREA NOT LESS THAN BOILER OUTLET OR MIN. 10,000 mm².

