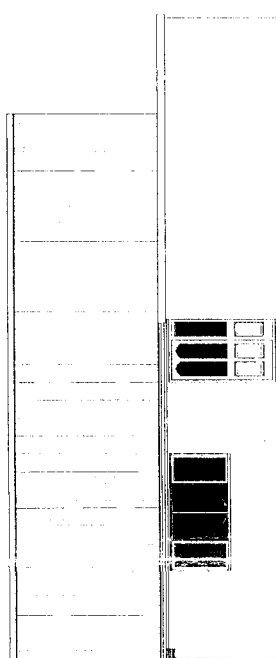


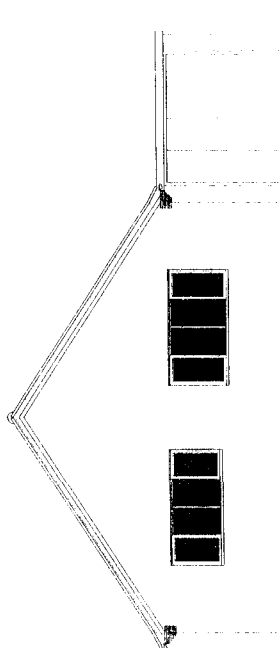

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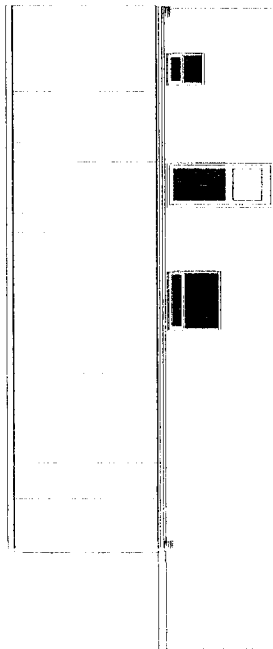
FE	FIGURE	SHEET
G. R. MERCHANT LEAG AMICE TWO ARCHITECTURAL, STRUCTURAL AND LAND DRAINAGE CONSULTANTS Unit 4, Wrights Mews 15A Park Road, Holbeach, Spalding, Lincs. PE12 7ZE Tel 01408 480600 Fax 01408 480601 E-Mail: G. R. Merchant @ Merchant. PB. Co. UK		
PROPOSED EXTENSIONS TO PUNCALOW 4 WOMAN BANK, WOLTON SEAS END, SPALDING, Lincs.		
Client MR & MRS G TURNER		
Drawing ELEVATIONS EXISTING		
APR 84	09A-00	02
Date	001. 00	J.C.
Scale 1:100		
DO NOT SCALE FROM THIS DRAWING This sheet is copied and may not be altered, reproduced or used for any other purpose without the written consent of the author. The General Contract is a contract of the kind and subject my drawings to the conditions stated therein. All work done shown on the drawings including those which are not indicated as being for the use, to be accepted, may be subject to subsequent variations which may be deemed to be necessary for the completion of the work. The drawings are not to be used for any other purpose without the written consent of the author. The drawings are not to be used for any other purpose without the written consent of the author.		



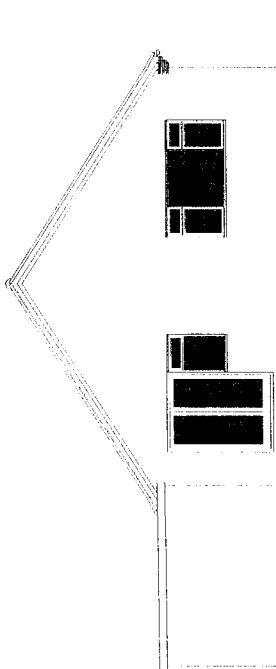
SIDE ELEVATION



FRONT ELEVATION

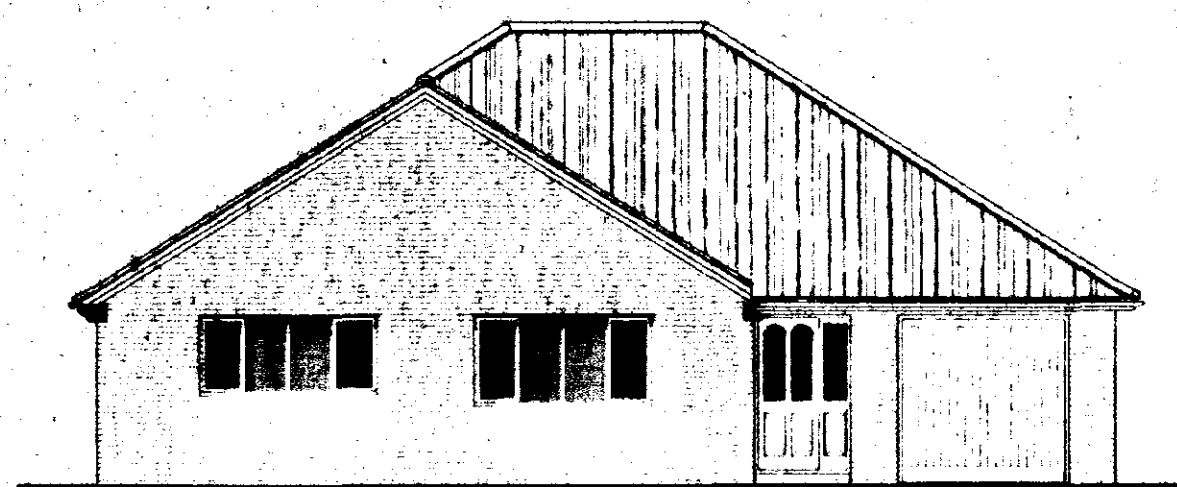


SIDE ELEVATION

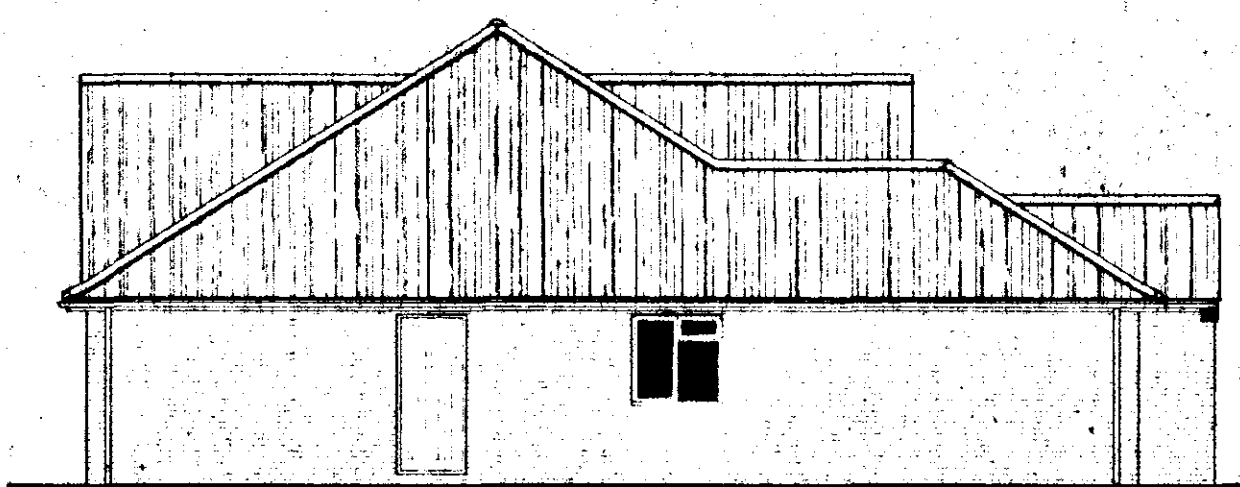


REAR ELEVATION

1221/00.



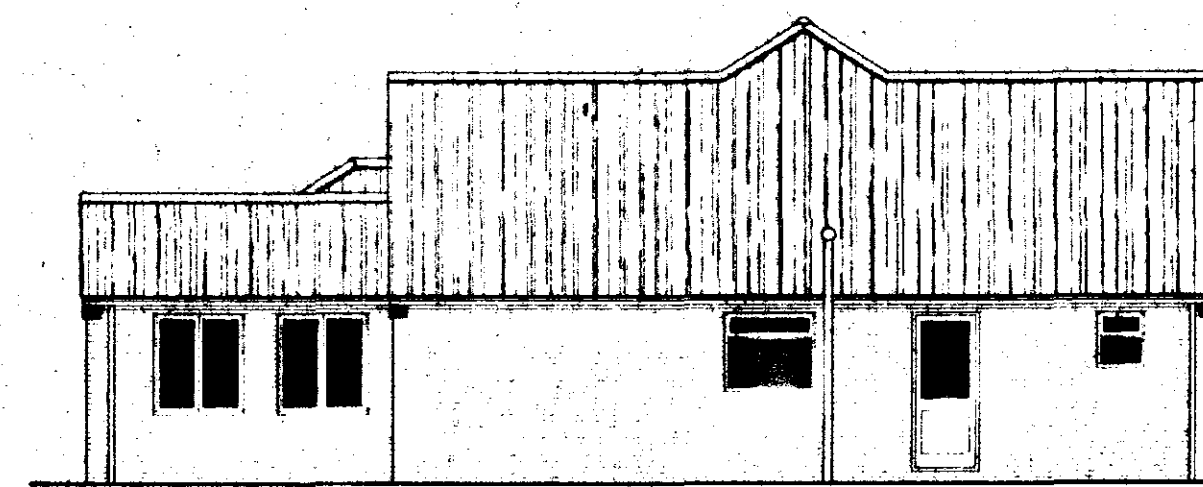
NORTH ELEVATION



WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION

PITCHED ROOF CONSTRUCTION.
Interlocking concrete roof tiles to BS EN 490 / 491, on 25 x 95 softwood batten on underfelt to BS 747 (type F), and in all cases to be lapped by 150mm both vertically and horizontally. Tiles to be laid with min. heading of 75mm and to be fixed in accordance with rafter to wind speed, roof pitch and exposure category as detailed in CP9 chapter V part 2 1972. Timberplate specialist made prefabricated roof trusses to comply with BS 5263 part 5 1988. TRUSS CALC 5 TO BE SUBMITTED TO L.A. MIN. 28 DAYS PRIOR TO ERECTION. Trusses to be at 600c/c to a pitch to match existing approx. 17.5 deg. 95 x 100 ridge beam breaker 95 x 100 ceiling breakers. All trusses to be strapped to wall plate by 50 x 5 galvanneal metal straps acting as anchor and lateral restraint straps at min. 1.5m c/c. Nails provide solid brackets (battens) straps 95 x 100 wall plate lapped on wind and eaves. 25 x 175 fascia boards 6mm air. grade plywood soffits complete with 100mm wide continuous air gap and fly proof screen. All structural timber to be min 50% grade stamped DRY or KD to indicate moisture content of 20% or less all in accordance with BS 4978. Where open of trussed rafter exceeds 5.0m provide additional bracing within the plane of the work in accordance with Truss Plate Assoc. tech. bulletin sheet A. At roof intersections provide 25 x 100 bay boards and diminishing trusses at 600 c/c. Install code 4 lead valley iron.

CEILING.
200mm glassfibre insulation total thickness. 100mm between joists & 100mm over joists. 12.7mm Gypsum plasterboard 9mm skin finish. Provide min. 95 x 95 nippers to all plasterboard edges. All joints to be taped and filled. Garage ceiling to be 12.7mm Gypsum Frieze board and Arton. Provide access trap to roof space opening to be lined with 25 x 25 plasterboard. Access panel to be 12mm ply with layer of 12.7mm Frieze board fixed to face. 100mm. Joints to top surface. Provide slide bolt fastening & draught seal all round.

WALLING.
265 cavity walling to extent of base brickwork to P.5. 1972/1974 for clay bricks and P.5. 187/1978 for calcium silicate bricks. 65 cavity built into cavity. Reduced cavity wall battens insulation battens in accord. with makers instructions and approved calc. No. 69/1087. 100mm Tarmac Hemithe solid insulation blocks or similar. Cavity walls tied together using galvanneal iron ties min 900 horizontally and 450 vertically to P.5. 1249/1978 wall ties positioned at 500 vertical centres at all unloaded courses of cavity. Close cavities with "Thermabate" formed door and provide bitumen felt DPC to CP. 12. External walls to have min. "U" value of 0.45 W/m2 dec. C. Internal walls of 100mm Tarmac Hemithe solid insulation blocks. All to receive 100mm 5/C render and 5mm skim (except garage).

SLIP STRUCTURE WALLING.
100mm dense concrete blocks to P.5. 8079 p.11 PER. DPC to external wall positioned in accordance with CP 102 min. 150 above finished ground level. Work min. concrete wall to base of cavity no closer than 225 to DPC. All brickwork below DPC to be F.L. quality.

GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows: 70mm sand and cement screed with chicken wire reinforcement on 500mm polythene D.P.M. on 90mm Polythene insulation board, on 1200mm polythene D.P.M. lapped continuous with D.P.C. by min. 100mm. Lay 300mm wide D.P.M. strip into D.P.C. to lay floor D.P.M. All on 100 concrete concrete. Concrete min. 25 to P.5. 5928 p.11 1991. 150 Unbonded and consolidated hardcore. Garage floor to be as above except joint cement screed and insulation. Ensure 100mm threshold at door from garage to porches.

FOUNDATIONS.
Under walls as shown provide strip concrete foundations as follows: Under 265 cavity walls provide 225 x 700 and under 100 walls provide 225 x 450 all 25M mix to P.5. 5928 p.11 1991. All foundations taken down to bear on local bearing strata min. depth of 600 to top of foundations. Should shrinkable soil conditions be found on site then foundations shall be taken down to a depth of 1 metre below ground level. Where internal walls are taken up off floor then taken out slab to 225 x 450 or if considered necessary be taken down to 225 x 450 foundations.

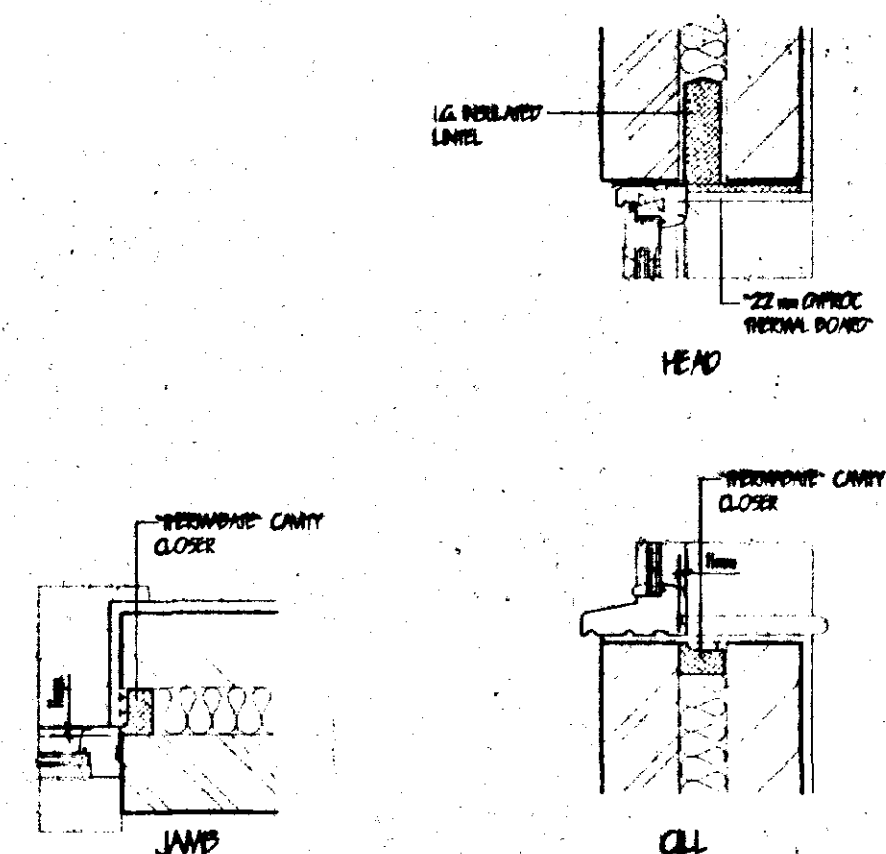
LEVELS.
All levels to be manufactured by Messrs. L.G. and to be installed in accordance with makers' instructions, and to have min. and bearing of 150mm and all external positions to have cavity trays D.P.C. to CP. 12. Internal levels to be 1.4. 100 Post type. Levels in garage to be underlain with 12.7 Frieze board or receive 12mm render and skim. Provide Papp and sweep holes and sloped to cavity tray.

SURFACE WATER DRAINAGE.
15mm dia. half round rainwater gutters to 85mm dia. rainwater pipes 110mm dia. underground pipes flexible joint to a fall of 1:70 pipes bedded and surrounded in pea gravel and discharge to 1.2m dia. soakaway min. 5.0m to edge from dwellings.

GLAZING.
Double glaze properly throughout (minimum 6mm air gap to all units) excluding garage. All glazing between 1.1 and 800mm high and between 1.1 and 1900mm high in doors and side lights to be safety glass to P.5. 6206. All windows/doors to be draught sealed.

VENTILATION.
All windows to have opening lights to give the equivalent of 1/20th the floor area. Provide background ventilation to habitable rooms min. 8000mm sq permanent free air ventilation per room. To all other rooms provide min 4000 sq.

HOT WATER AND SPACE HEATING.
External existing heating system as required. Ensure timer switch and suitable zone thermostat to dwelling. Fit thermostatic control valves to all radiators. Hot water system to be thermostatically controlled with timer switch and to be vented. All hot water storage tanks and pipework to be insulated to P.R. 11 part 5.



REVEAL DETAILS

LIMITATIONS.
This drawing is limited in the amount of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Planning/Building Regulations approval. The drawings must not be used as a contract document alone.

All dimensions shall be taken from site from actual work. Under no circumstances shall measurements be scaled from the drawings for construction or ordering purposes. All open dimensions shall be checked by the Builder/Contractor and will be his responsibility from commencement of site work.

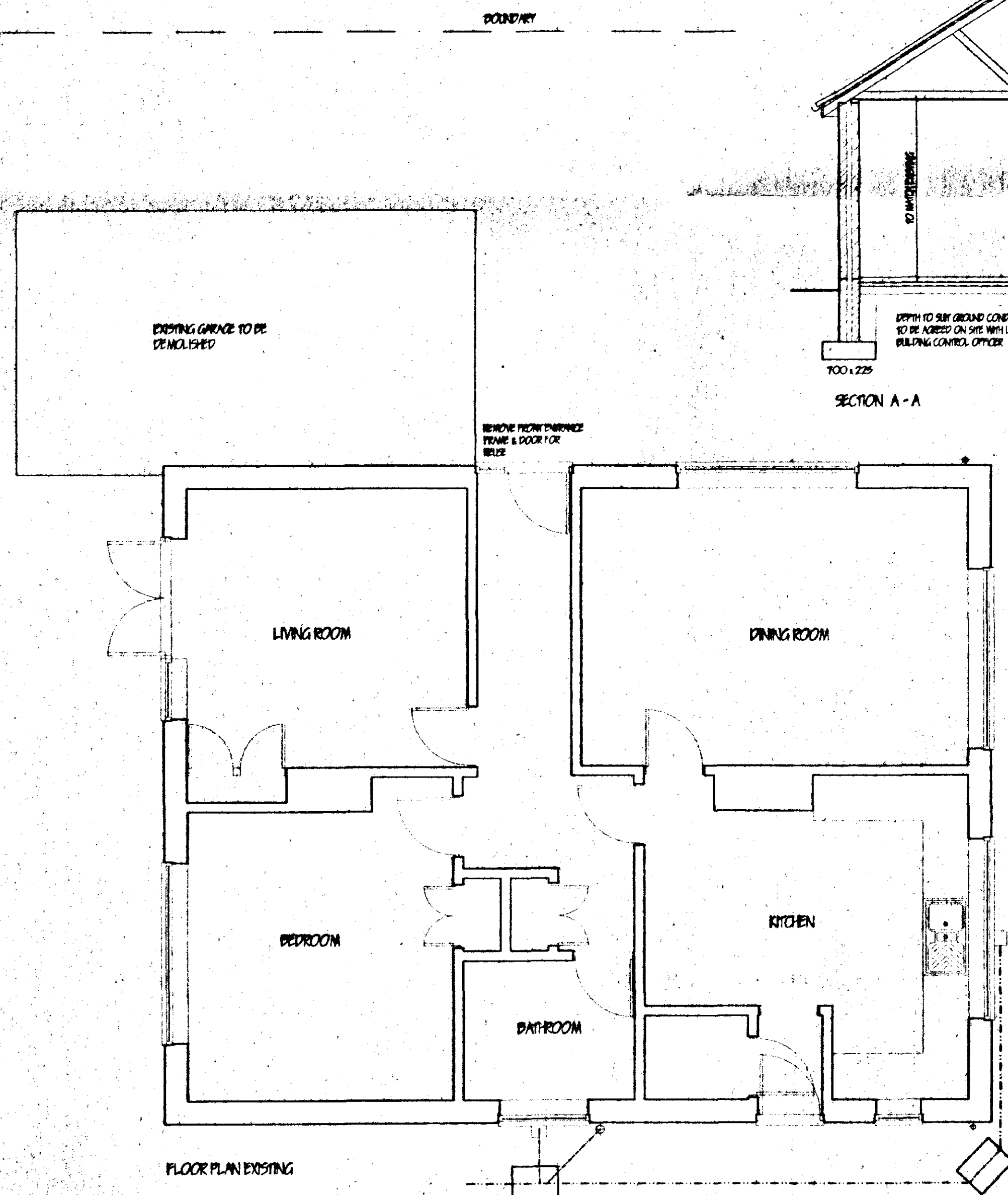
The works will not be supervised or inspected on site by G.R. Merchant, or any representative thereof. It is the client or their appointed agents responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract etc.

COPYRIGHT RESERVED.
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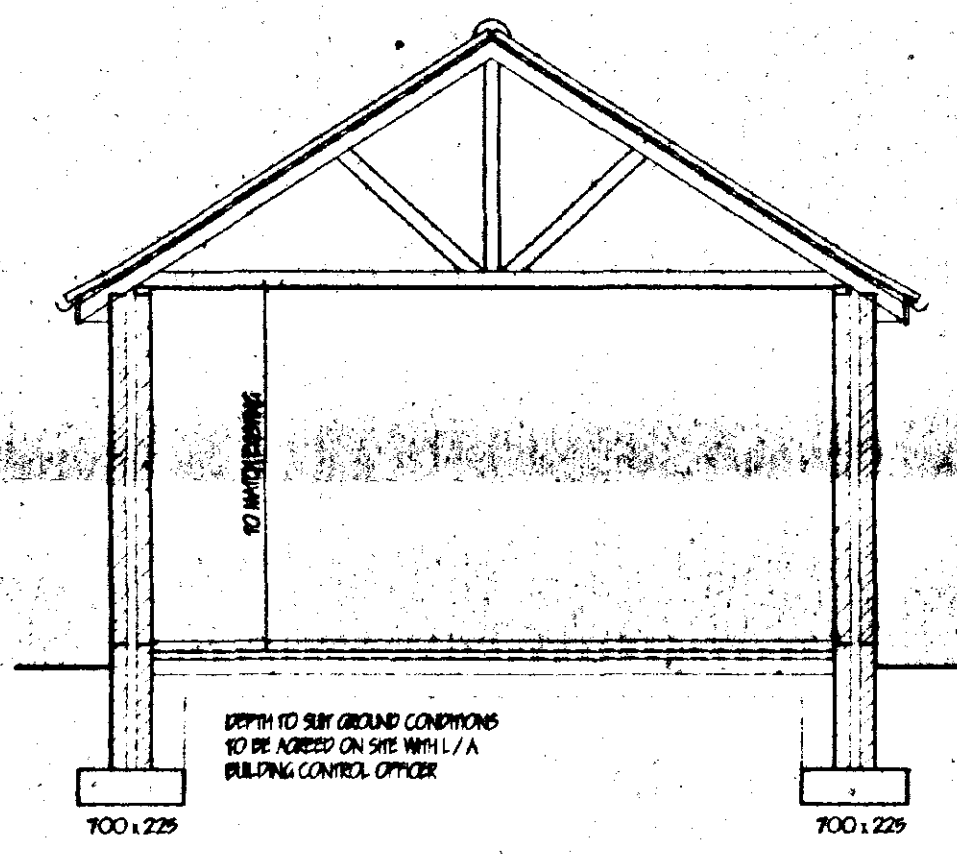
STANDARDS.
All materials to be new unless otherwise stated and all components and materials etc. to be used fitted and installed etc. in strict accordance with manufacturers instructions and relevant Code of Practice. Materials shall conform to appropriate British Standard Specification or BPA Certificate or European Code equivalent.

HEALTH & SAFETY.
The Employer/Client shall ensure that the selected contractor is competent with and adapts all measures necessary to achieve compliance with Health & Safety legislation for Building Sites and Work Places. The Employer/Client is advised that should the works need to comply with the Construction Design and Management Regulations an independent Planning Supervisor will be required.

SCOPE OF THE WORKS.
The works shall comprise of all that is shown on the drawings and details. Work that may not be specifically shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

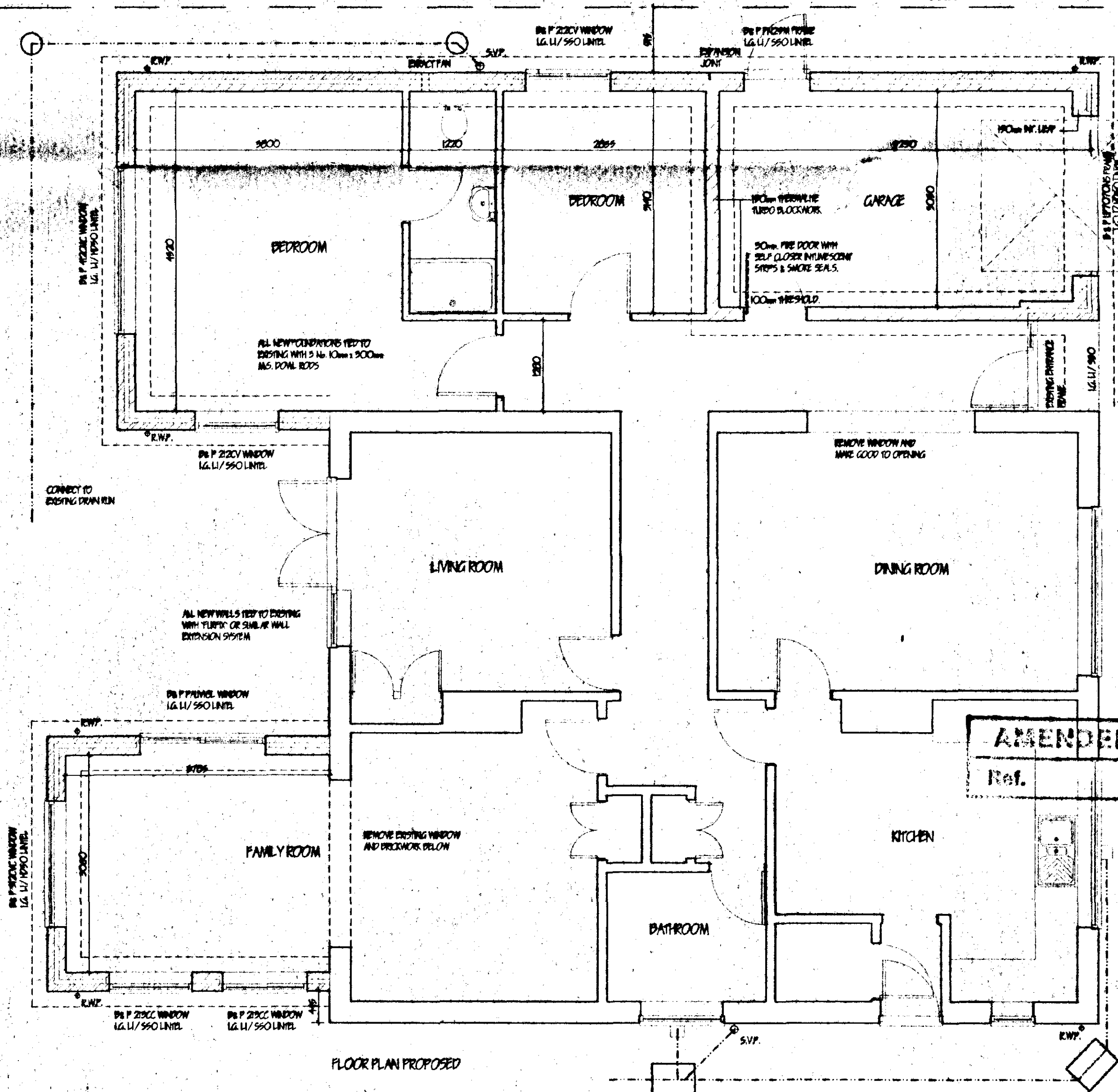


FLOOR PLAN EXISTING



SECTION A-A

FLOOR DRAINAGE.
Inspection chamber construction to be "Oval" and installed in accordance with makers' instructions with the internal diameter related to the depth in accordance with BS 6901/1985. Fall drainage pipes to be 110mm dia. UPVC to P.5. 4660/1985 flexible jointed and laid to makers' instructions to a fall of 1:70 and surrounded with 100mm pea gravel. Where pipes pass under floors access in 150mm pea gravel. Where pipes pass under drains surround in 150mm concrete with floor joints to correspond with joints in pipework. Provide 65 x 100 precast concrete tiled brackets where pipes pass through walls, allow 50mm gap around pipe, openings masked both sides of wall with ridged sheet material. Set and vent pipes to be 110mm dia. PVC to P.5. 4514/1985 and to extend 900mm above window head terminating with PVC balloon. Waste pipes to be generally 40mm dia. If over 5.0m long run increase to 50mm dia. All PVC to P.5. 5949/1979 complete with roadline ages at every change of direction. Pans, basins and sink to have 75 deep seal traps. Stewer to be raised on 150mm plastic with access plate to anti-siphon trap and 50mm waste.



FLOOR PLAN PROPOSED

A	SH-ONE WIND	REV. '00
B	REAR ROOM / WEST ELEVATION REDUCED L.G.	REV. '00

Q. R. MERCHANT
LENG AMICE FIWO
ARCHITECTURAL, STRUCTURAL
AND LAND DRAINAGE
CONSULTANTS

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12A Park Road, Hove, Brighton, BN1 1B
Tel 01408 480800
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E-Mail G. R. Merchant @ Merchant. FB.
Os. UK

Project: PROPOSED EXTENSIONS TO BUNGALOW
4 ROMAN BANK,
MOLLTON SEAS END,
SPALDING, Lincs.

Client: MR & MRS G. TURNER

PLAN
FLOOR PLANS / ELEVATIONS

Job Ref	094-00	Drawing No	01/B
Date	OCT. '00	Drawn	J.C.
Scale	1:50 1:100		

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SOUTH HOLLAND
HOLLAND & HOLLAND
- 7 DEC 2000