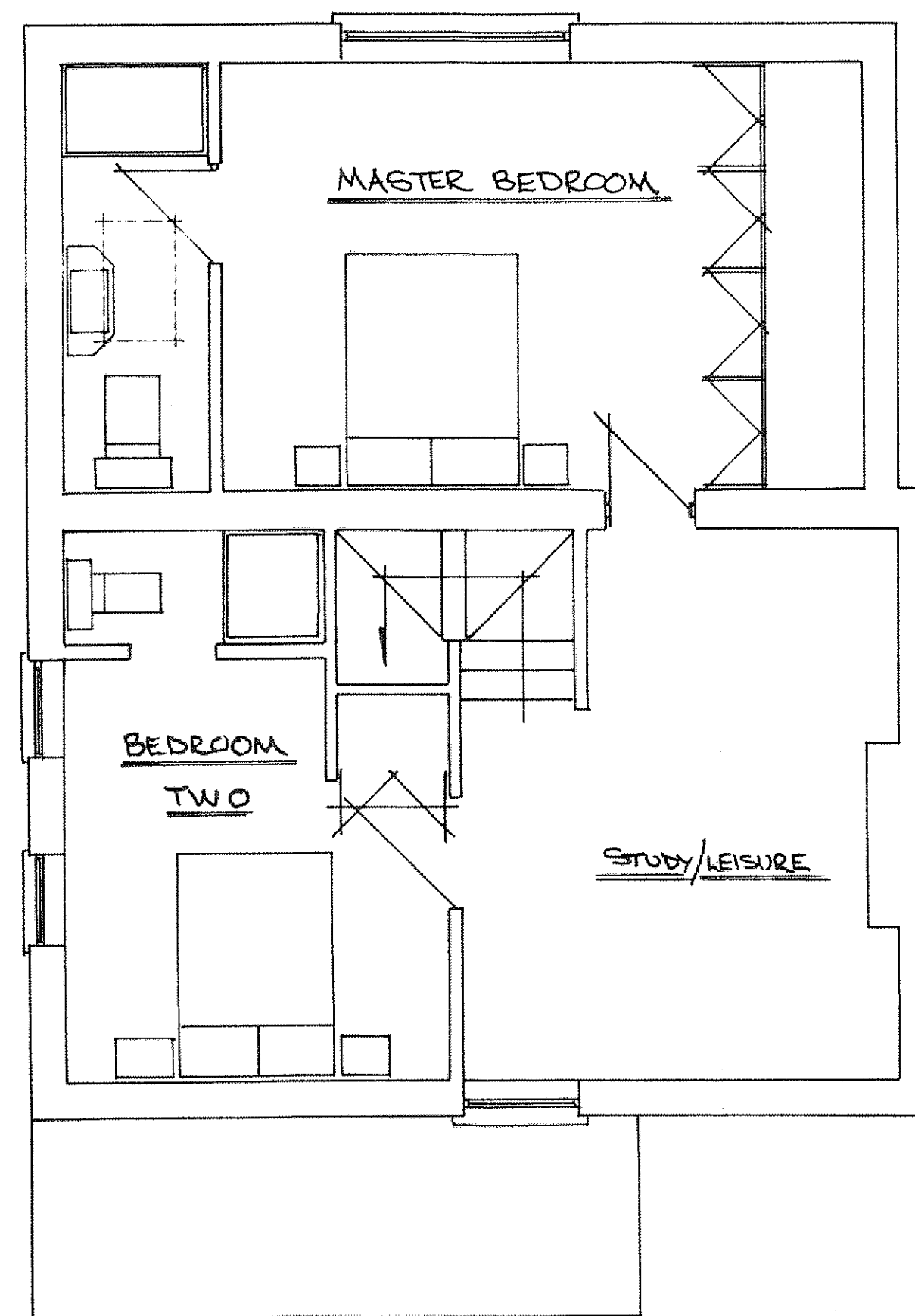
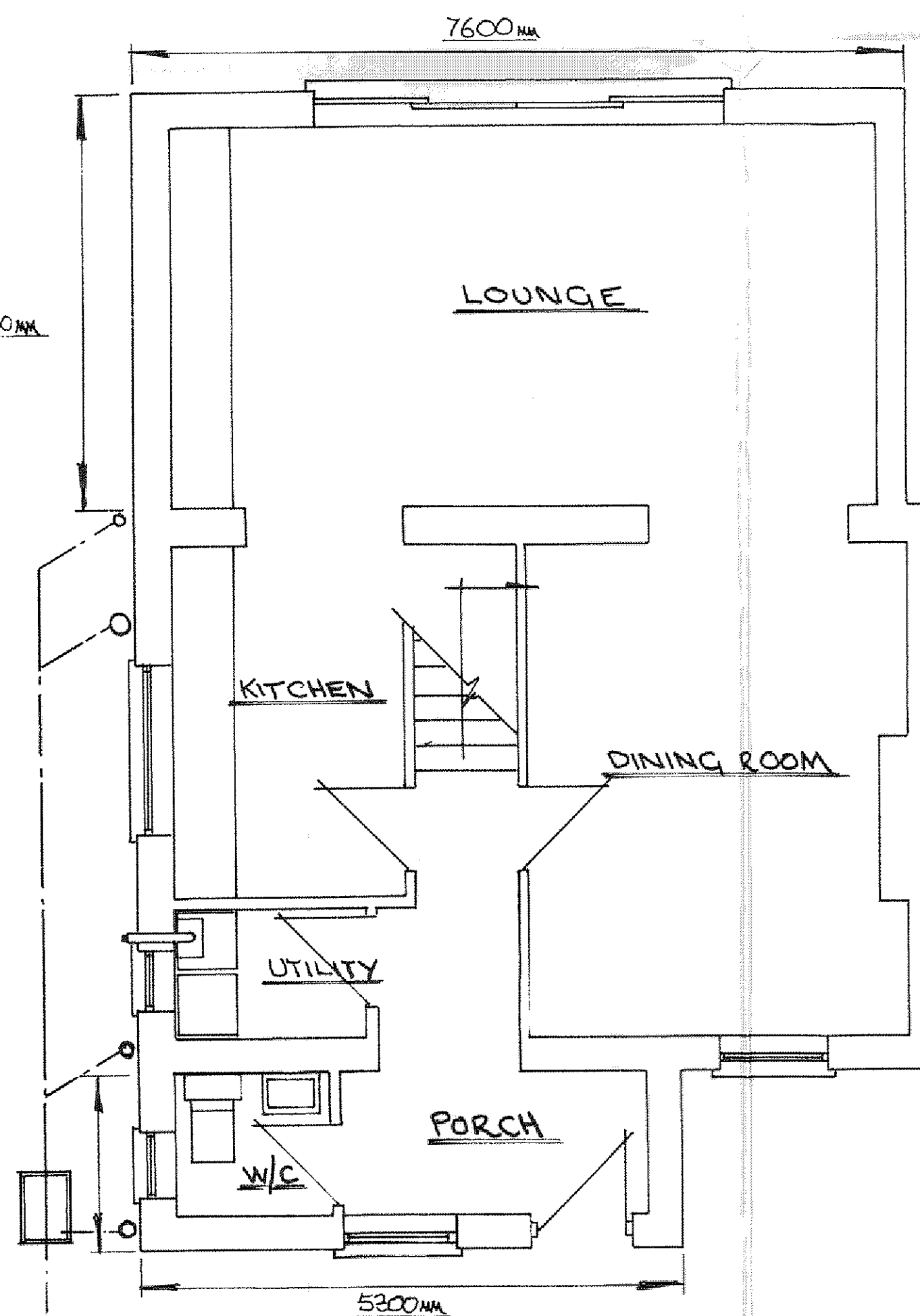


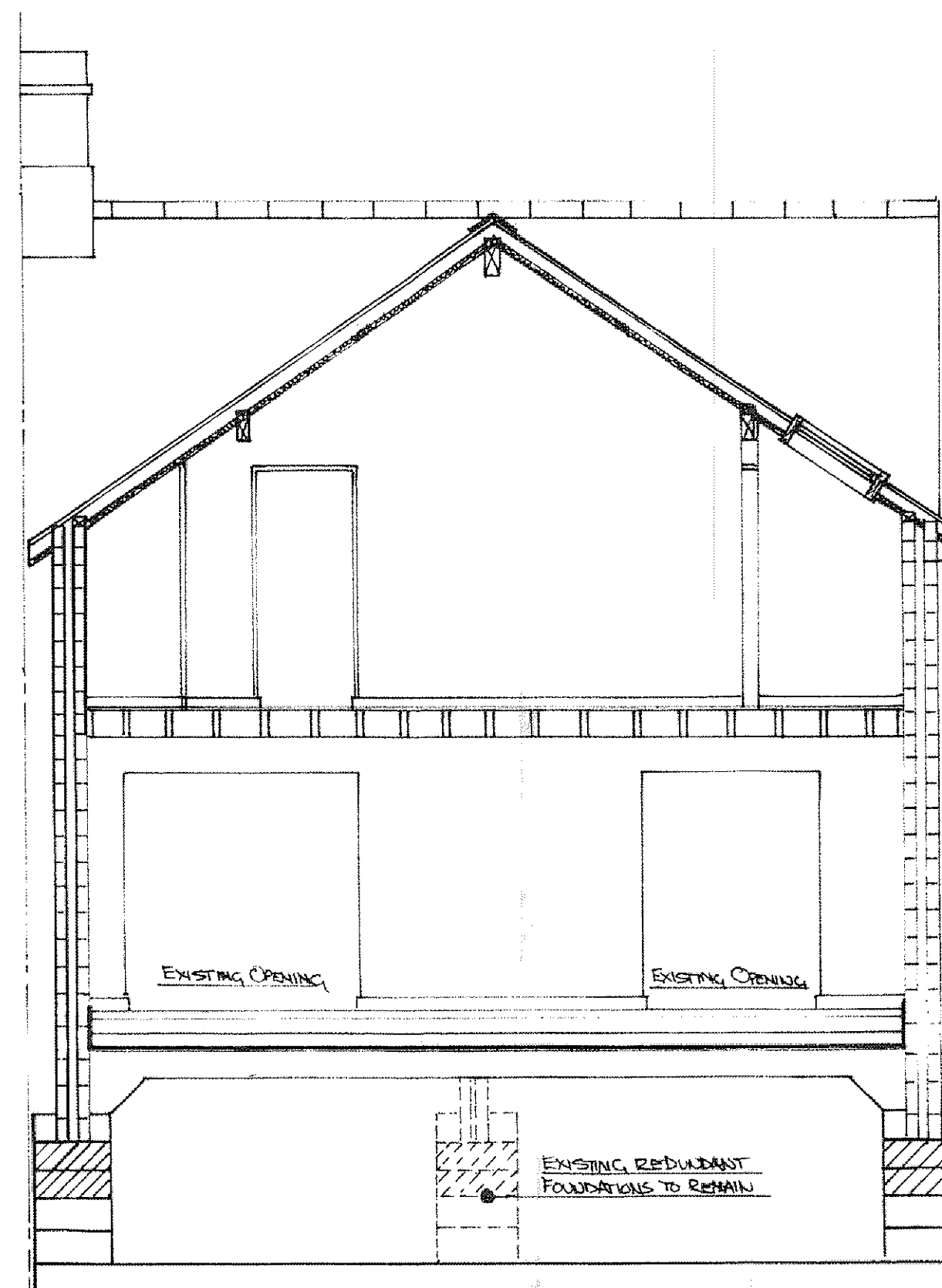


PROPOSED FIRST FLOOR

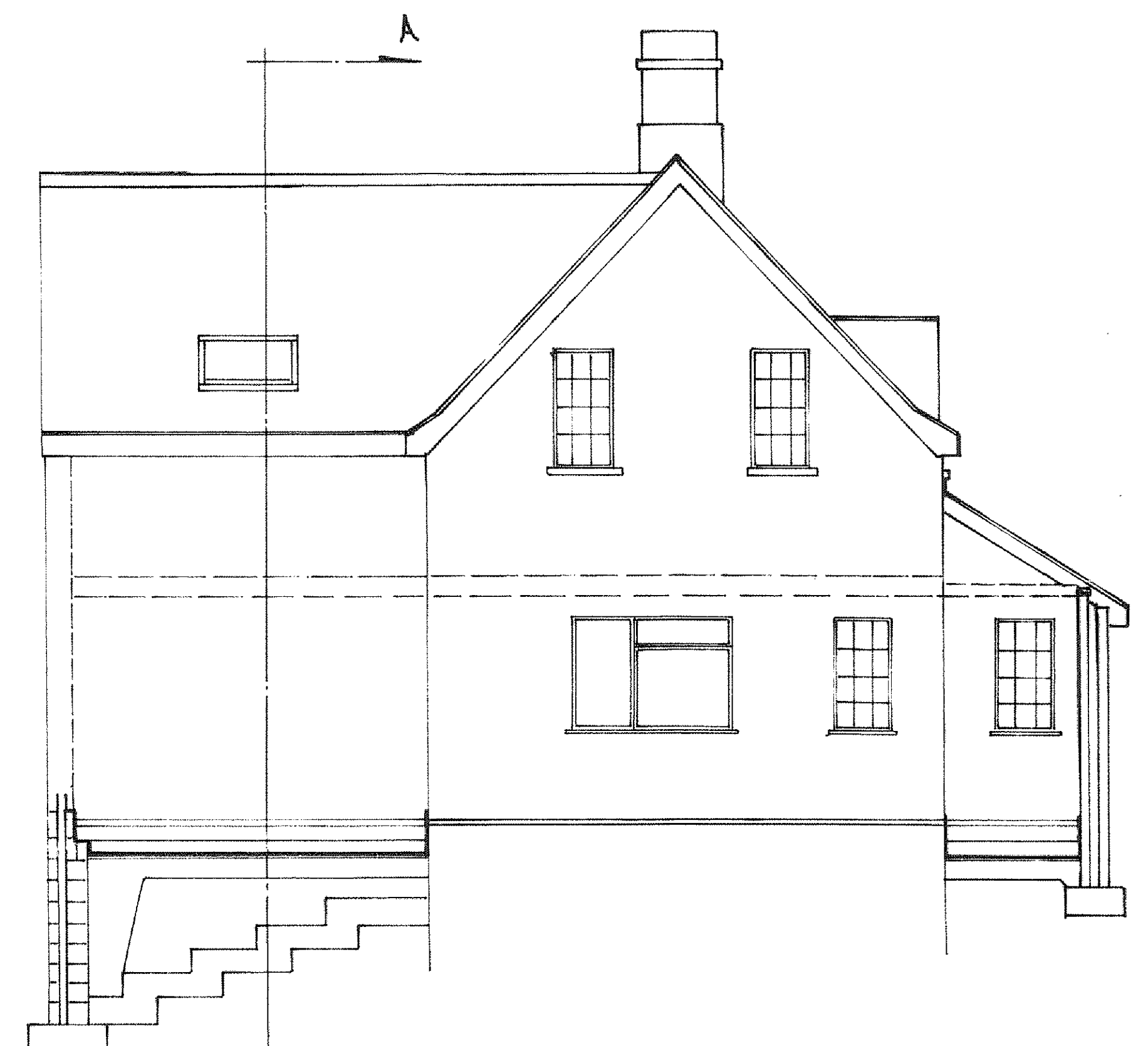


PROPOSED GROUND FLOOR

THE VALE OF GLAMORGAN COUNCIL  
**SUPERSEDED**



SECTION A-A



SIDE ELEVATION  
AND FOOTING DETAILS

DRAINAGE:  
EXISTING DRAINAGE TO BE EXPOSED BY TRIAL  
EXCAVATION BEFORE MAIN WORKS COMMENCE  
FOR CONSIDERATION BY WELSH WATER  
AND BUILDING CONTROL OFFICERS INSP.

BREAK UP, EXCAVATE AND PROVIDE NEW OR  
AMENDED DRAINAGE AS INDICATED FOR  
MANHOLE/SVP/GULLEYS ETC.

CONSULT BUILDING CONTROL TOGETHER WITH  
WELSH WATER ENGINEER INSPECTION WITH  
REGARD TO BUILDING OVER THE SEWER AGREEMENT

SET OUT ALL DRAINAGE WORK PRIOR TO  
CONSTRUCTION TO PROVE LEVELS.

ALLOW FOR FINDING & AMENDMENT OF EX.  
DRAINAGE SYSTEM WITH NEW CONNECTIONS  
INTO EXISTING DRAINAGE SYSTEM.

MINIMUM FALL OF GRADIENT TO Foul DRAIN  
IS TO BE 1:40. DIAMETER OF ALL  
DRAINAGE TO BE 100mm.

PROVIDE BACK INLET GULLEY TO RECEIVE  
DOWN PIPES WHERE INDICATED.

RAINWATER GOODS TO BE 112mm UPVC BLACK  
HALF ROUND GUTTERING WITH 68mm DOWNPIPES

HEP WORTH SUPERSLEEVE DRAINAGE SYSTEM  
TO BS 65 AND LAID TO MANUFACTURER'S SITE  
WORK INSTRUCTIONS & BEDDING RECOMMENDATIONS

FOUNDATIONS:  
EXCAVATE, BREAK UP AND REDUCE TO 600mm BELOW  
FINISHED FLOOR LEVEL AND CARRY AWAY DEBRIS  
FOR THE AREAS OF EXTENSION

EXCAVATE FOR FOUNDATIONS TO THE SATIS-  
FACTION OF THE LOCAL AUTHORITY BUILDING INSP.

CONCRETE STRIP FOUNDATIONS SUBJECT TO  
BUILDING CONTROL INSPECTION AND APPROVAL  
FOLLOWING EXCAVATION.

SEAL COMPLETELY ALL REDUNDANT RUNS.  
CONSULT BUILDING INSP FOLLOWING EXCAVATION  
FOR FOUNDATIONS BEFORE ANY CONCRETE WORK.

EXTENSION:  
CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS  
OF BOTH DEVELOPMENT AND BUILDING CONTROL.

BUILDING OWNER TO SERVE APPROPRIATE NOTICES  
UNDER THE PARTY WALL ACT.

WALLS: BRICK AND CAVITY BLOCK CONSTRUCTION  
COMPRISING 100mm DENSE CONCRETE BLOCK OUTER  
SKIN WITH 100mm LIGHTWEIGHT INSULATING BLOCK  
CELCONOR SIMILAR INNER SKIN. BLACK  
PLINTH TO MATCH EXISTING WITH WHITE PAINTED  
SMOOTH RENDER FINISH TO MATCH EXISTING HOUSE.  
OVERALL DIMENSION TO BE 30mm THICK.

ROOF: NEW FIBRE CEMENT TILES TO ALL SURFACES  
OF NEW AND EXISTING STRUCTURES, ON TANAL-  
ISED BATTENS/FELT/TIMBER. ROOF PITCHES TO  
BE APPROX HOUSE 12° EXTENSION 34° PORCH 31°  
ALL MOUNTED ON TYVEK BREATHABLE FELT.  
PROVIDE 150mm x 50mm C16 TANALISED RAFTERS  
@ 400mm & WITH TIMBER PURLINS OF 225mm x 75mm  
AT RIDGE AND MID SPAN. LOCATIONS TO BE  
AGREED BY CLIENT & BUILDING CONTROL.

PROVIDE 12.5mm PLASTERBOARD ON 30mm CELOTEX OR  
SIMILAR INSULATION ON VAPOUR BARRIER TO ALL  
SLOPING CEILINGS WITH 50mm + 50mm CELOTEX  
INSULATION BETWEEN RAFTERS AND ALLOW  
50mm VENTILATION GAP TO BUILDING CONTROL INSP.

ALLOW FOR CONTINUOUS EAVES VENTILATION SYS  
INSTALLED TO BUILDING CONTROL APPROVAL.

OVERALL INSULATION DEPTH TO BE 130mm TO  
ACHIEVE A U VALUE OF 0.2 W/m²K.

DPC TO BE BITUMEN TYPE TO BS 748 1970 LAID  
IN ACCORDANCE WITH CP102 MIN 150mm OVER G.L.  
HORIZONTAL AND VERTICAL DPC'S TO ALL EXT  
OPENINGS, AND TOP OF CAVITY STRUCTURE TO BE  
CLOSED IN 10mm MASTERBOARD OR SIMILAR.

30mm x 5mm MILD STEEL STRIPS AT 2000mm CENTRES  
BUILT TO WALL AND ACROSS TIMBER MEMBERS.

TIMBER CONSP: ALL NEW TIMBER TO BE SC3 OR 4  
GRADE WESTERN HEMLOCK. TIMBER STUDDING  
75mm x 50mm TANALISED TIMBER @ 400mm CENTRES  
WITH TOP MIDDLE AND BOTTOM RAILS.

12.5mm PLASTER BOARD FINED WITH CLOUT NAILS TO  
BOTH FACES AND PLASTER SKIN. EN SUITE  
WALL TO BE FILLED WITH 100mm INSULATING QUILT.

INTERMEDIATE FLOOR TO BE 195mm x 50mm SC4 TIMBER  
JOISTS AT 400mm CENTRES OFF PROPRIETARY JOIST  
HANGERS FIRMLY FIXED INTO BRICKWORK WITH 19mm  
WEYBROCK FLOORING WITH T&G JOINTS. 50mm x 50mm  
SOFTWOOD HERRINGBONE STRUTTING TO MID SPAN.

VELUX TIMBER ROOF WINDOW FITTED IN DOUBLE FRAMED  
OPENING INSTALLED STRICTLY TO MANUFACTURER'S  
RECOMMENDATIONS AND CLIENT'S SPECIFIED LOCATION.

RADON GAS PROOF MEMBRANE TO BE LAID BELOW THE  
CONCRETE FLOOR SLABS AND SEALED FOR ALL  
SERVICE PIPES AND TO EXISTING HOUSE.  
ALL CAVITY TRAYS TO BE DOUBLE TAPED SEALED  
AT ALL JOINTS AND TO EXISTING BUILDING.

STEEL LINTOLS TO BE FITTED ABOVE ALL NEW DOOR  
AND WINDOW OPENINGS TO W/C UTILITY MASTER  
BED AND LOUNGE. TO BE OF CATINIC  
MANUFACTURE WITH MODEL TO BE DETERMINED  
STRUCTURALLY BY CATINIC CW LOADING CALCS  
MIN LENGTH 1575mm TO PROVIDE ADEQUATE END  
BEARING FOR PATIO DOORS/WINDOW INSTALLATION.

14 01 332 FUL  
RECEIVED

17 NOV 2014

ENVIRONMENTAL  
AND ECONOMIC  
REGENERATION

|                                                                    |                                                                             |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------|
| TITLE:<br>BUILDING EXTENSION & PORCH<br>PROPOSED PLANS AND SECTION | CLIENT:<br>MR & MRS A. SHARDELOW<br>13 WESTWARD RISE<br>BARRY VALE OF GLAM. |
| LOCATION:<br>N° 13 WESTWARD RISE<br>BARRY VALE OF GLAM.            |                                                                             |
| DATE:<br>NOV 2014                                                  | DRAWN:<br>HJB                                                               |
| SCALE:<br>1:50                                                     | NUMBER:<br>048-1/D                                                          |
|                                                                    | REV                                                                         |