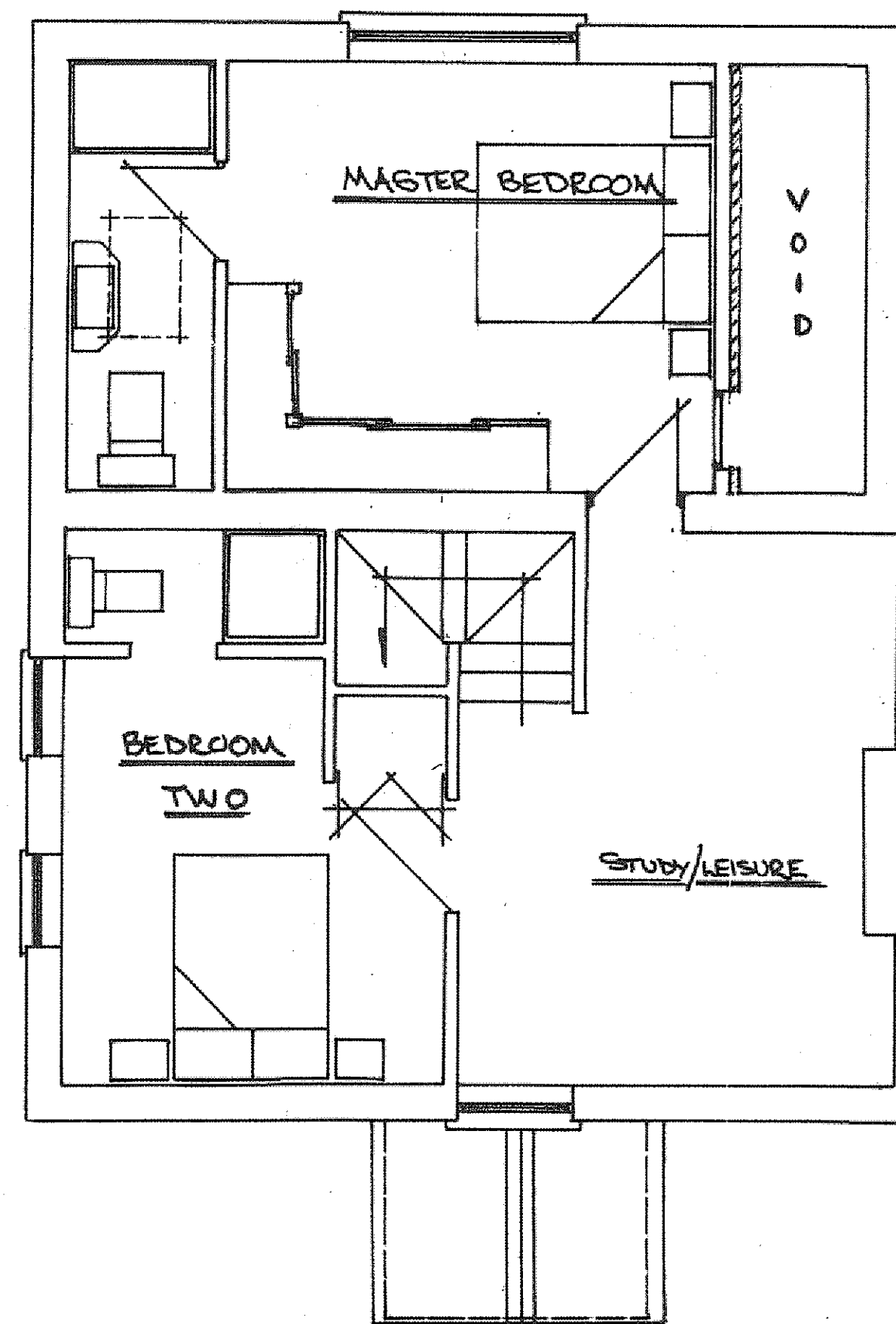
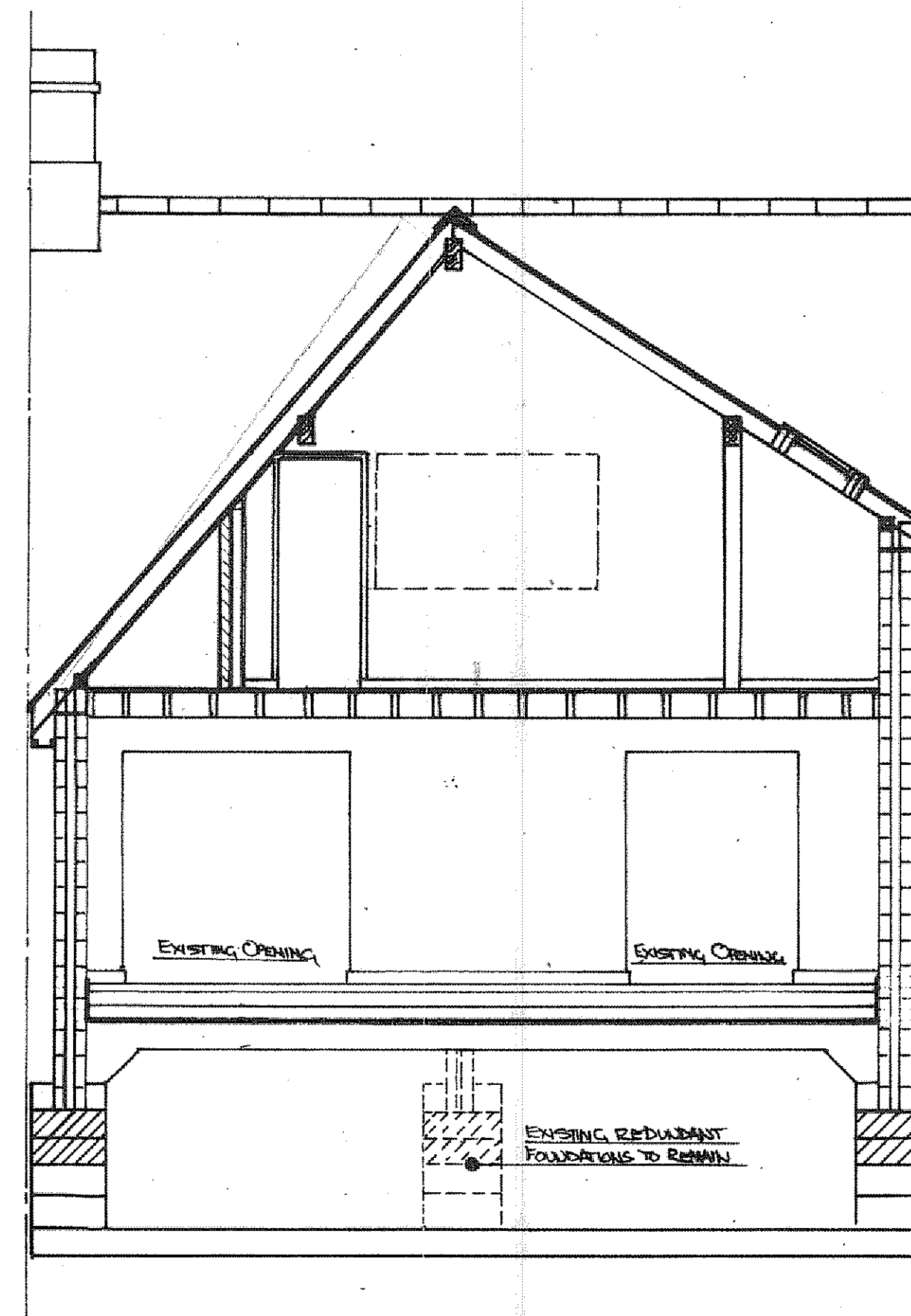


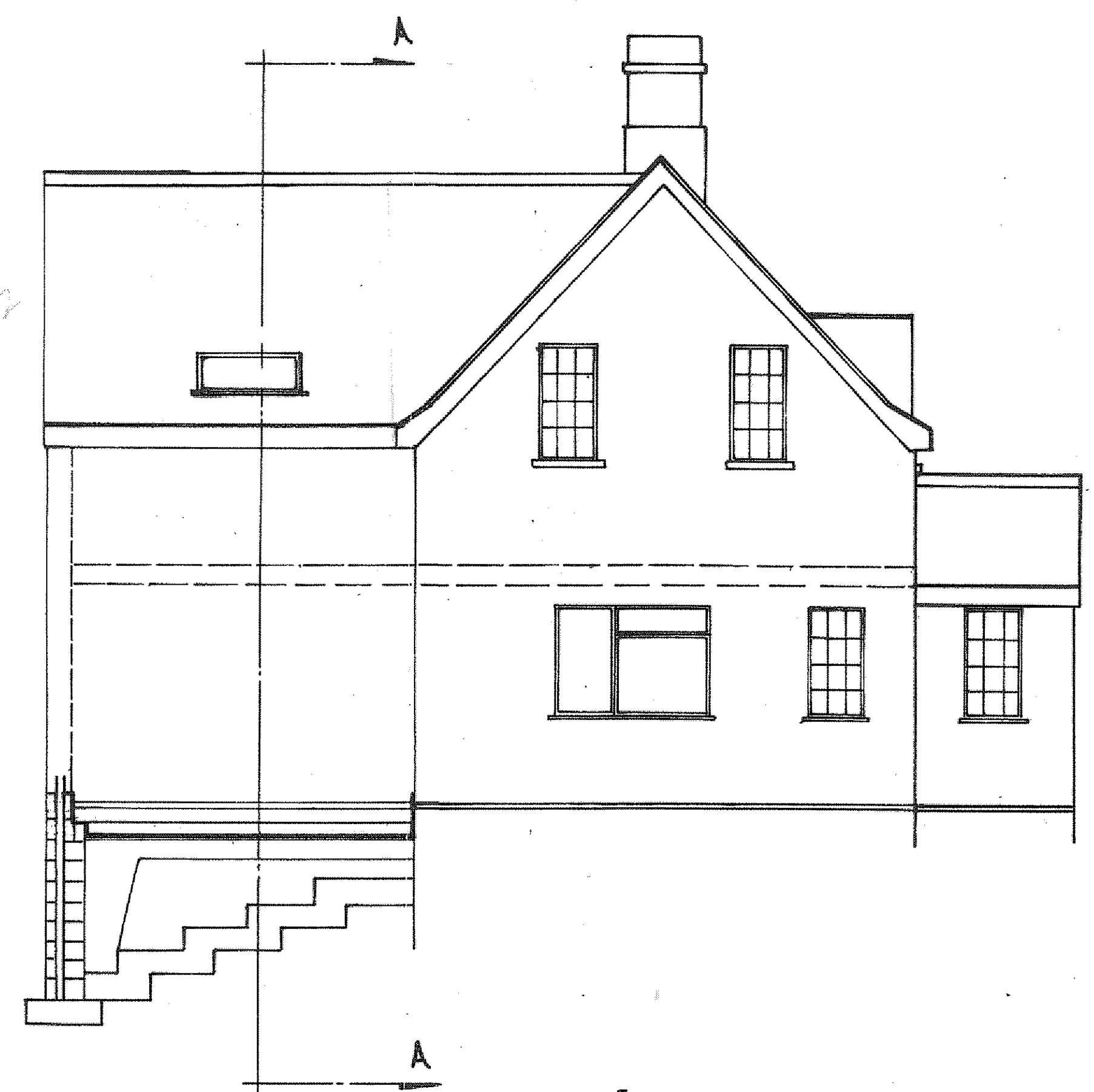


PROPOSED FIRST FLOOR

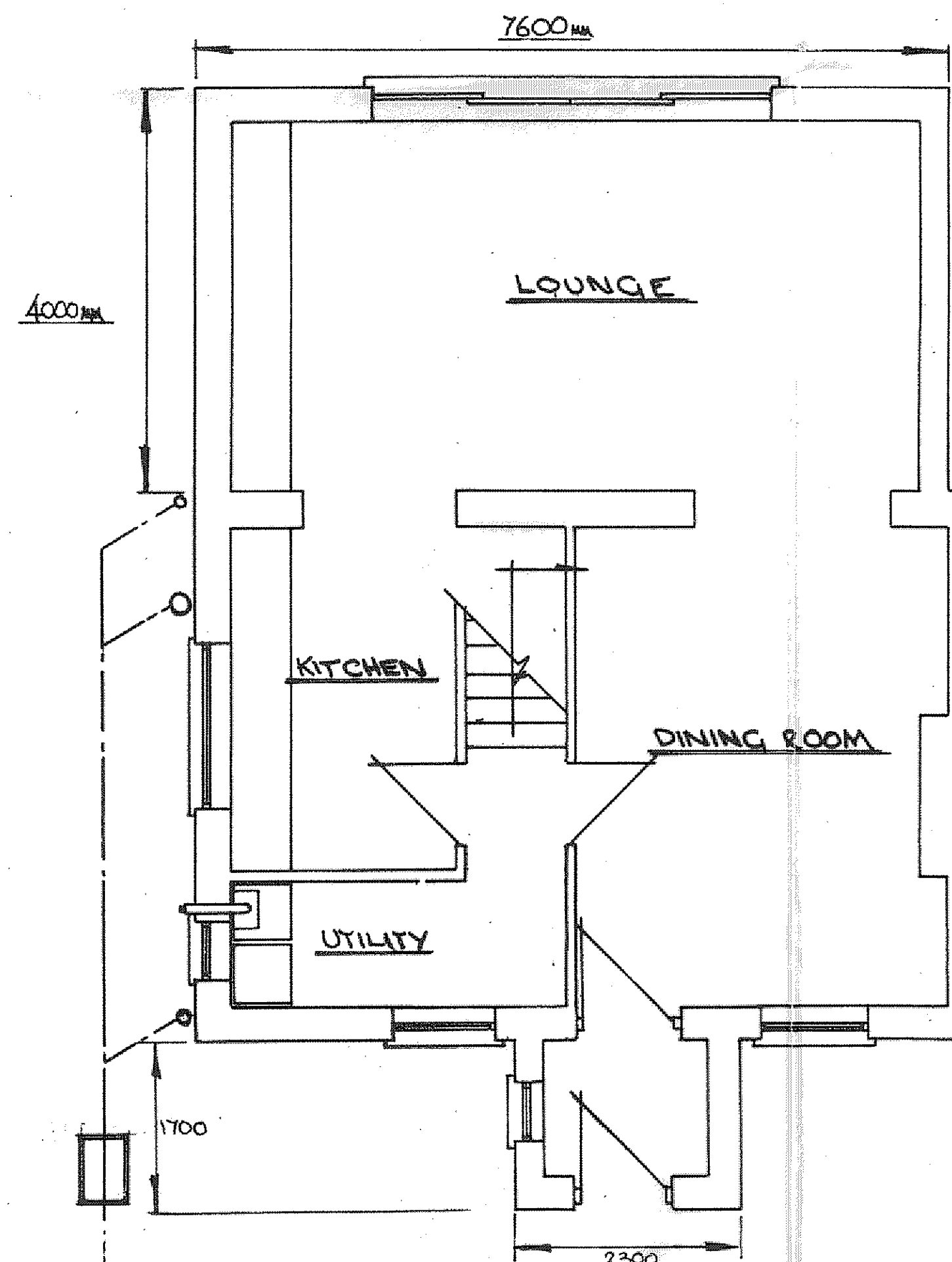
THE VALE OF
GLAMORGAN COUNCIL
TOWN AND COUNTRY PLANNING ACT 1990
APPROVED
SUBJECT TO COMPLIANCE WITH CONDITIONS (IF ANY)



SECTION A-A



SIDE ELEVATION
AND FOOTING DETAILS



PROPOSED GROUND FLOOR

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 GULLY TO RECEIVE
DOWN PIPES WHERE INDICATED.

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

HEPWRORTH 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 CART 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
CELCOR OR SIMILAR INNER SKIN. BLACK
PLINTH TO MATCH EXISTING WITH WHITE PAINTED
SMOOTH RENDER FINISH TO MATCH EXISTING HOUSE.
OVERALL DIMENSION TO BE 310mm 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 31° PORCH 31°
ALL MOUNTED ON TYVEK BREATHABLE FELT.
PROVIDE 150mm x 50mm CIG TANALISED RAFTERS
@ 400mm & WITH TIMBER PURLINS OF 225mm x 75mm
AT RIDGE AND MID SPAN. LOCATIONS TO BE
AGREED BY CLIENT & BUILDING CONTROL.

PROVIDE 125mm PLASTERBOARD ON 30mm CELOTEX OR
SIMILAR INSULATION ON VAPOUR BARRIER TO ALL
SLOPING CEILINGS WITH 50mm x 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 718 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 STRAPS AT 2000mm CENTRES
BOLT TO WALL AND ACROSS TIMBER MEMBERS.

TIMBER WORK: 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.

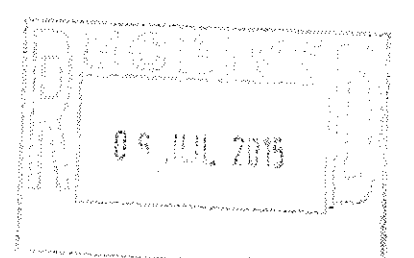
12.5mm PLASTER BOARD FINED WITH CLOUT NAILS TO
BOTH FACES AND PLASTER SKIN. EN SUITE
WALL TO BE FILLED WITH 100mm INSULATING GUILT.

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 FEMED
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 WC 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.



TITLE: BUILDING EXTENSION & PORCH PROPOSED PLANS AND SECTION		CLIENT: MR & MRS A. SHARDELOW 13 WESTWARD RISE BARRY VALE OF GLAM.	
LOCATION: N° 13 WESTWARD RISE BARRY VALE OF GLAM.		A DEC 2014. ALTERED ROOF PITCH TO WESTERN ELEVATION TO IMPROVE LIGHT FOR ARTS BUILDING B. JAN 2015. ALTERATION TO PORCH DEVELOPMENT TO ALIGN WITH PLANNING DEPT DIRECTIVE.	
DATE: NOV 2014	SCALE: 1:50	DRAWN: 1153	NUMBER: 048-1/D
		REV B	