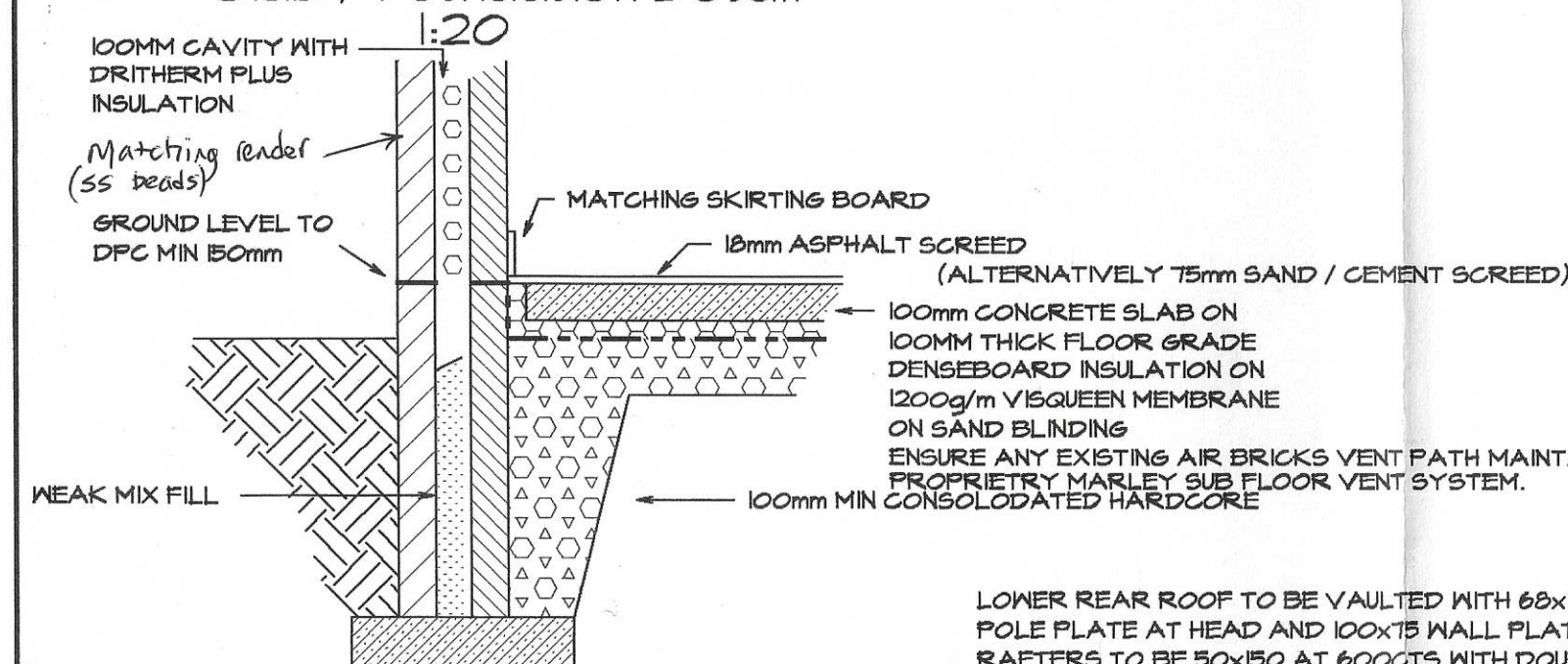
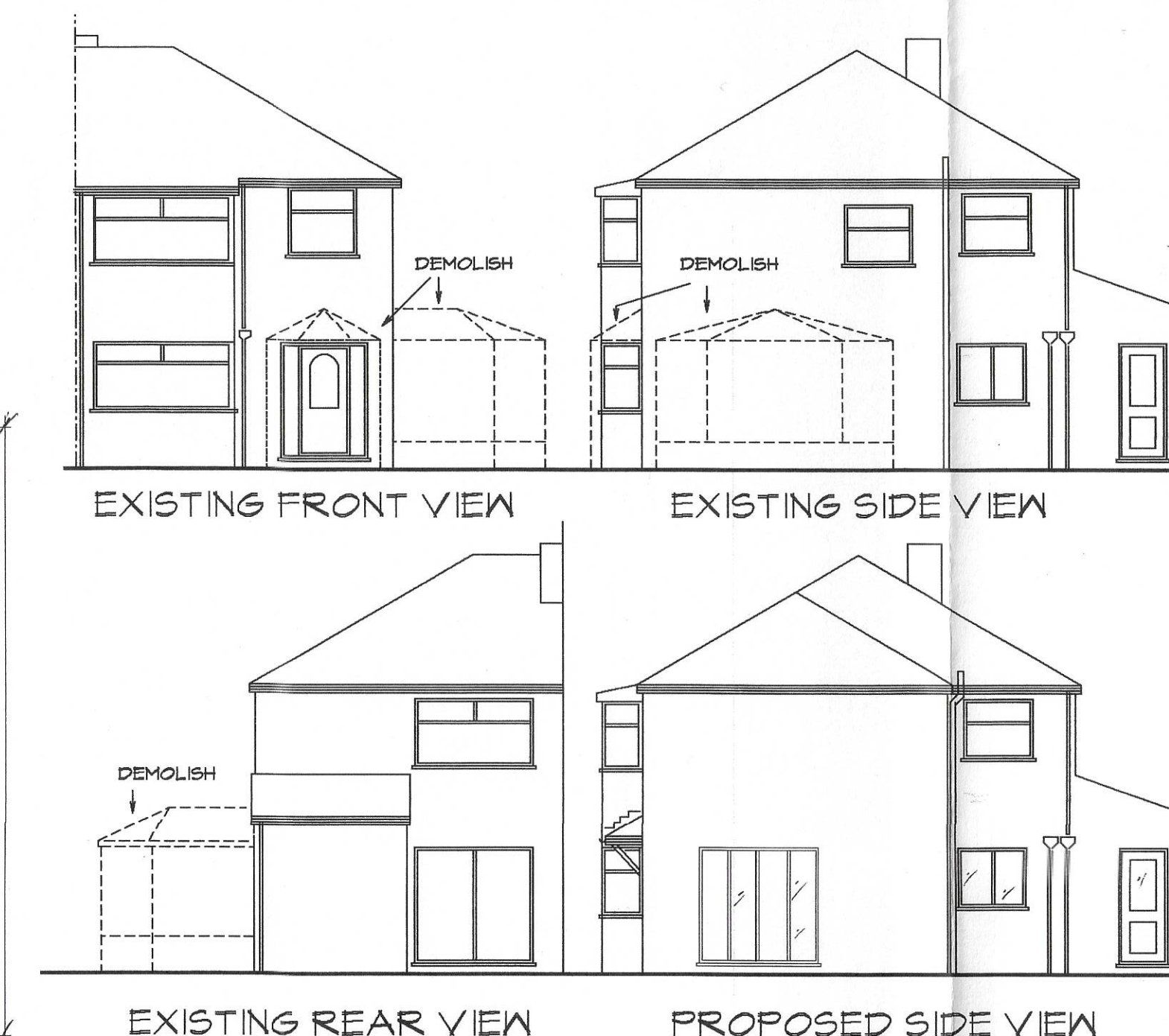
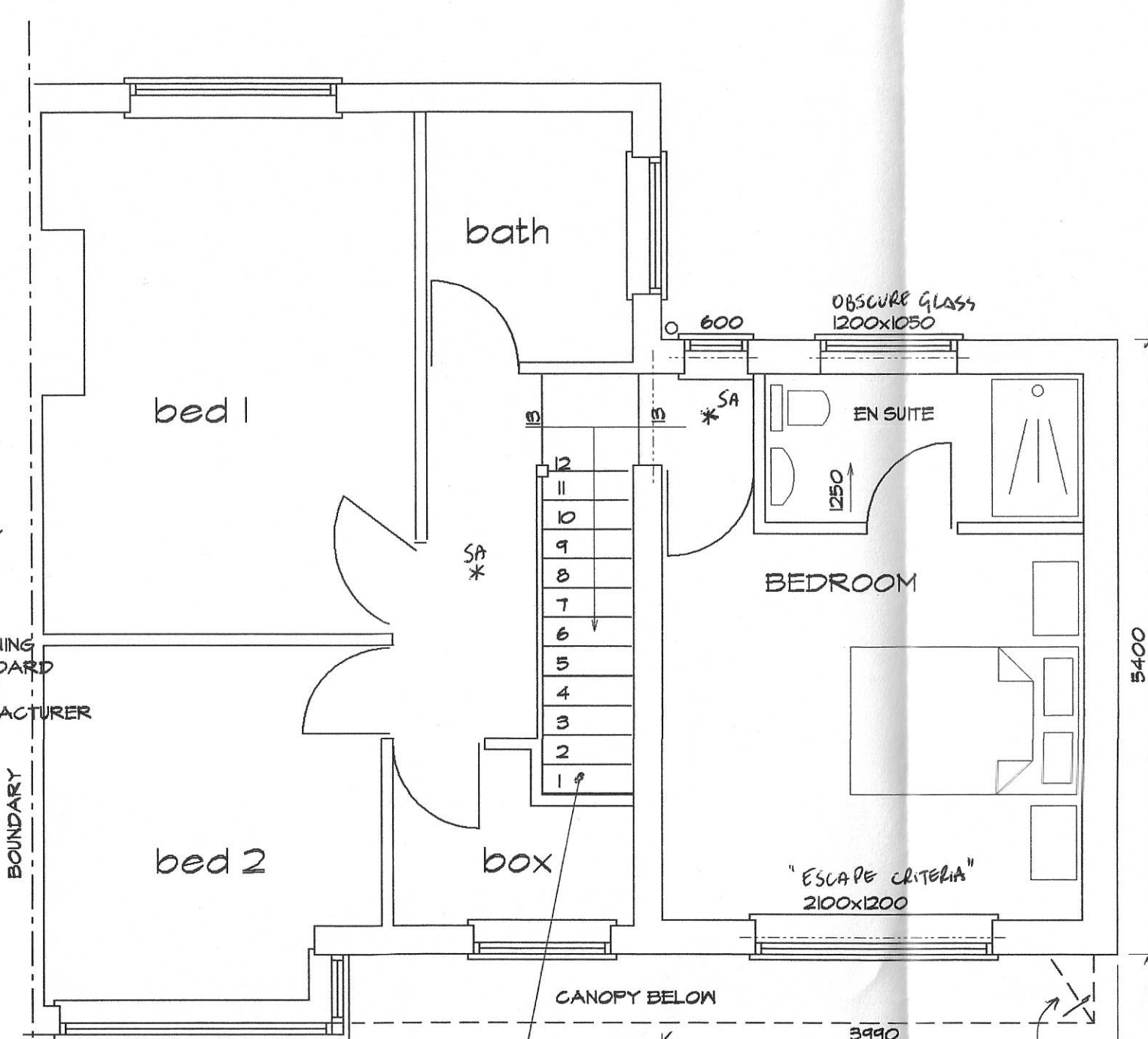
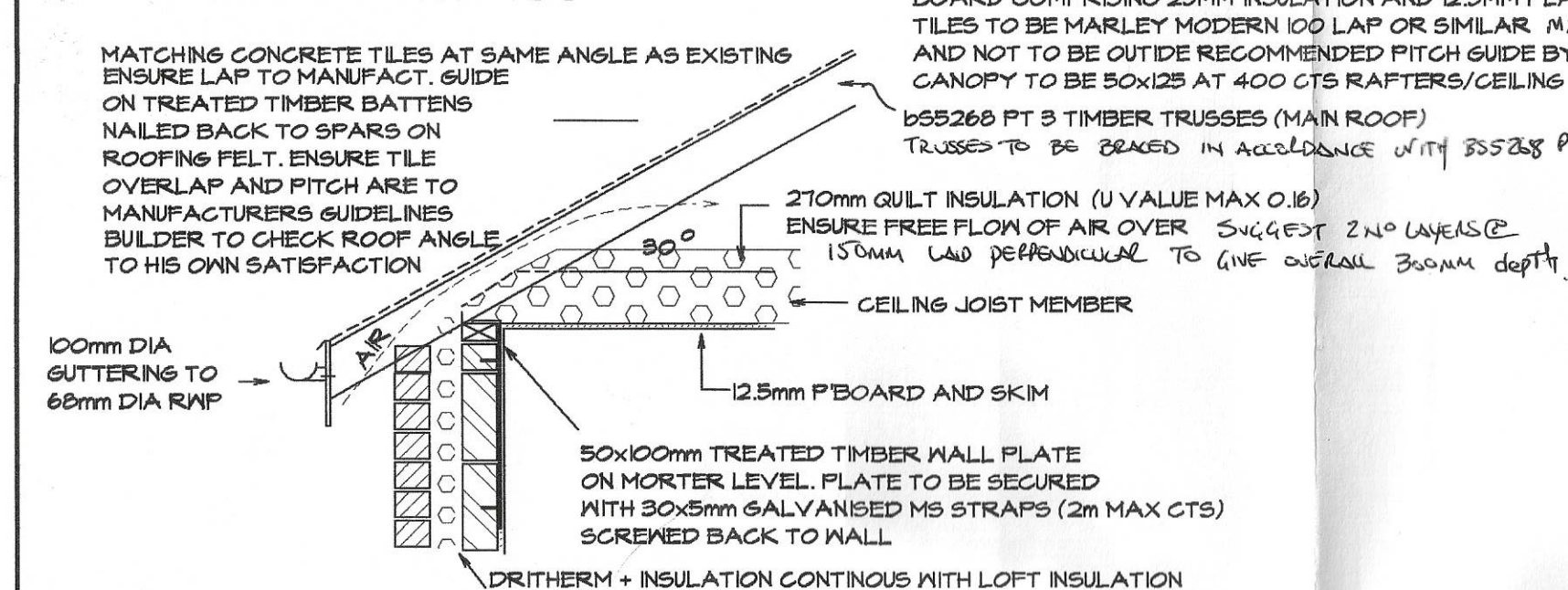


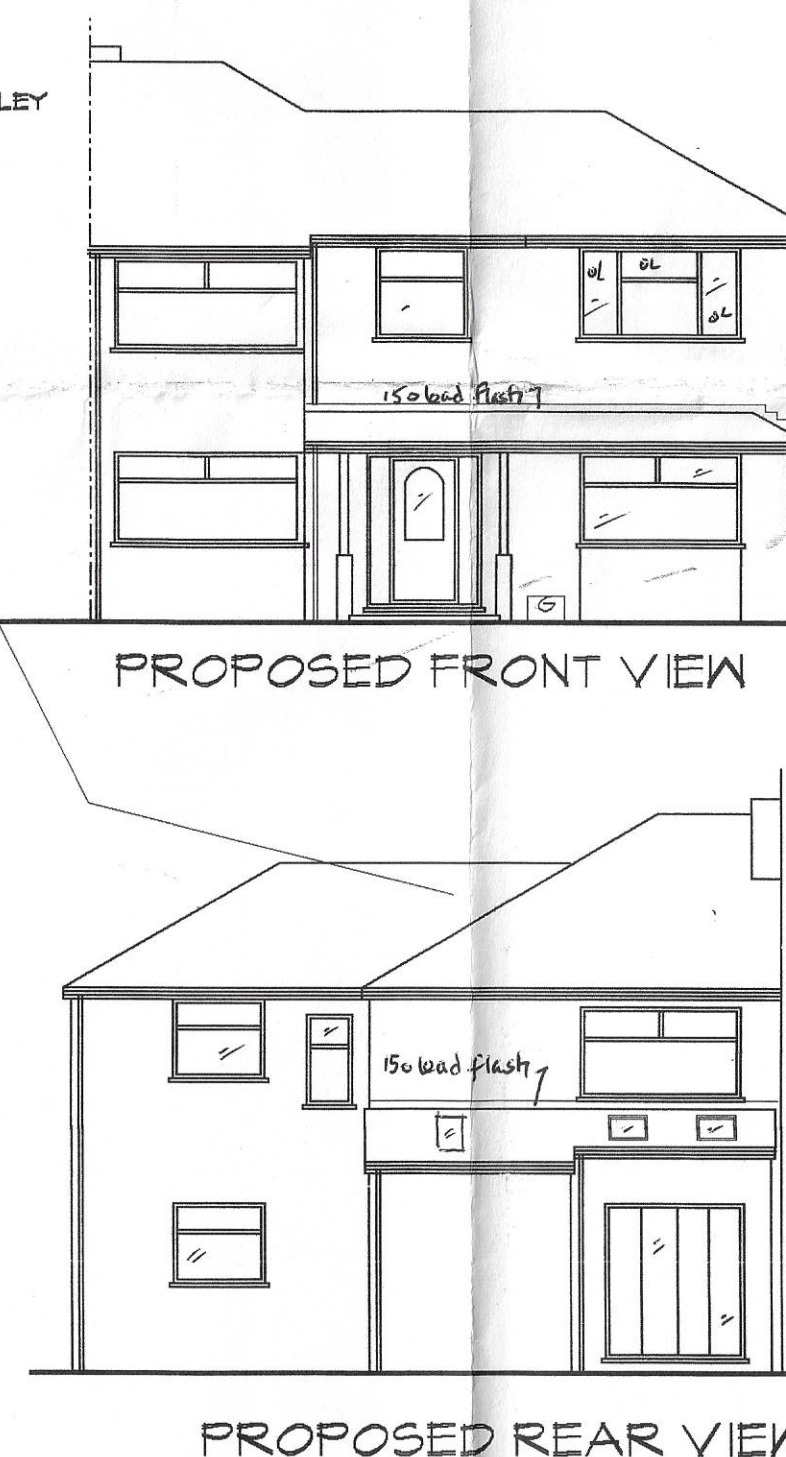
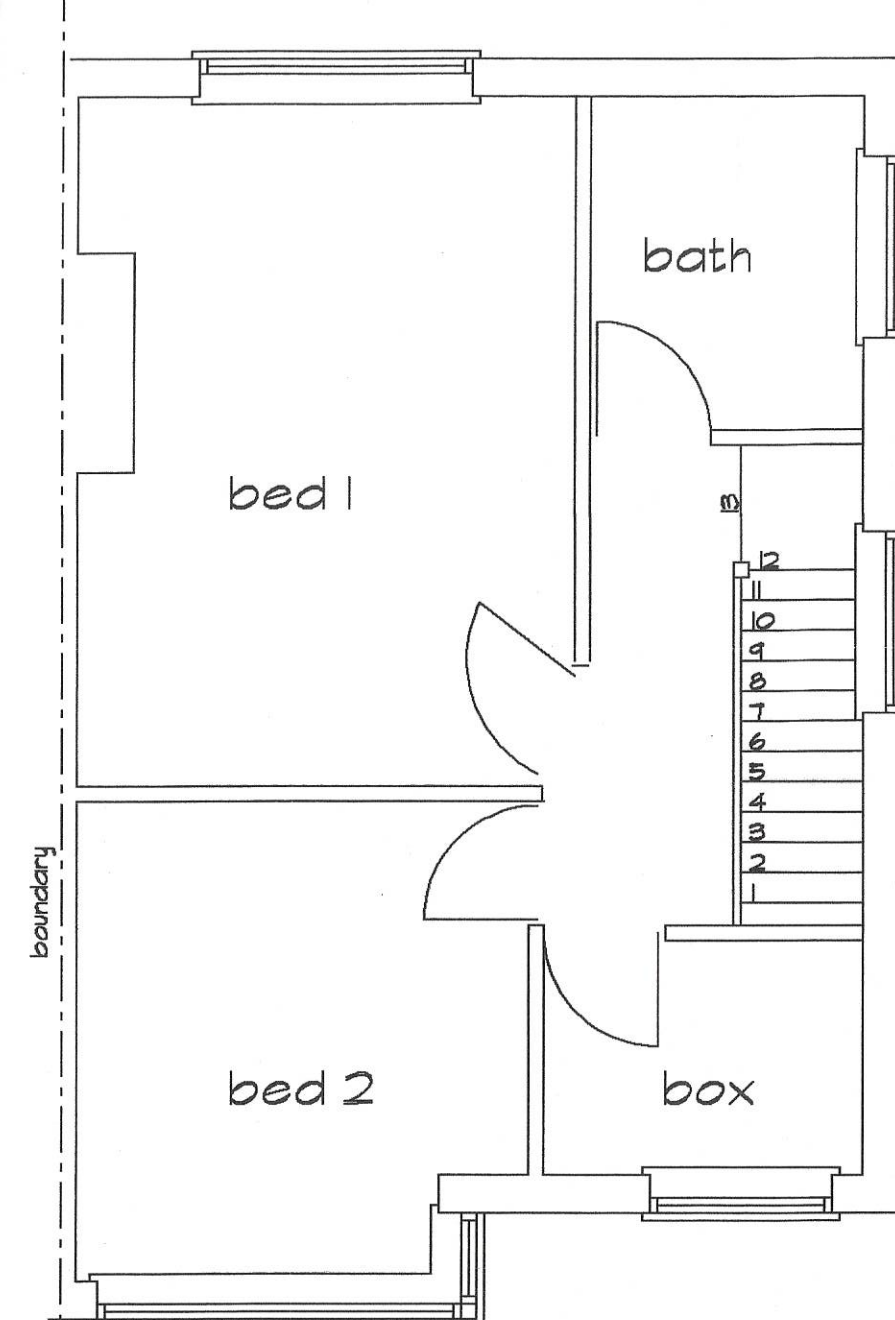
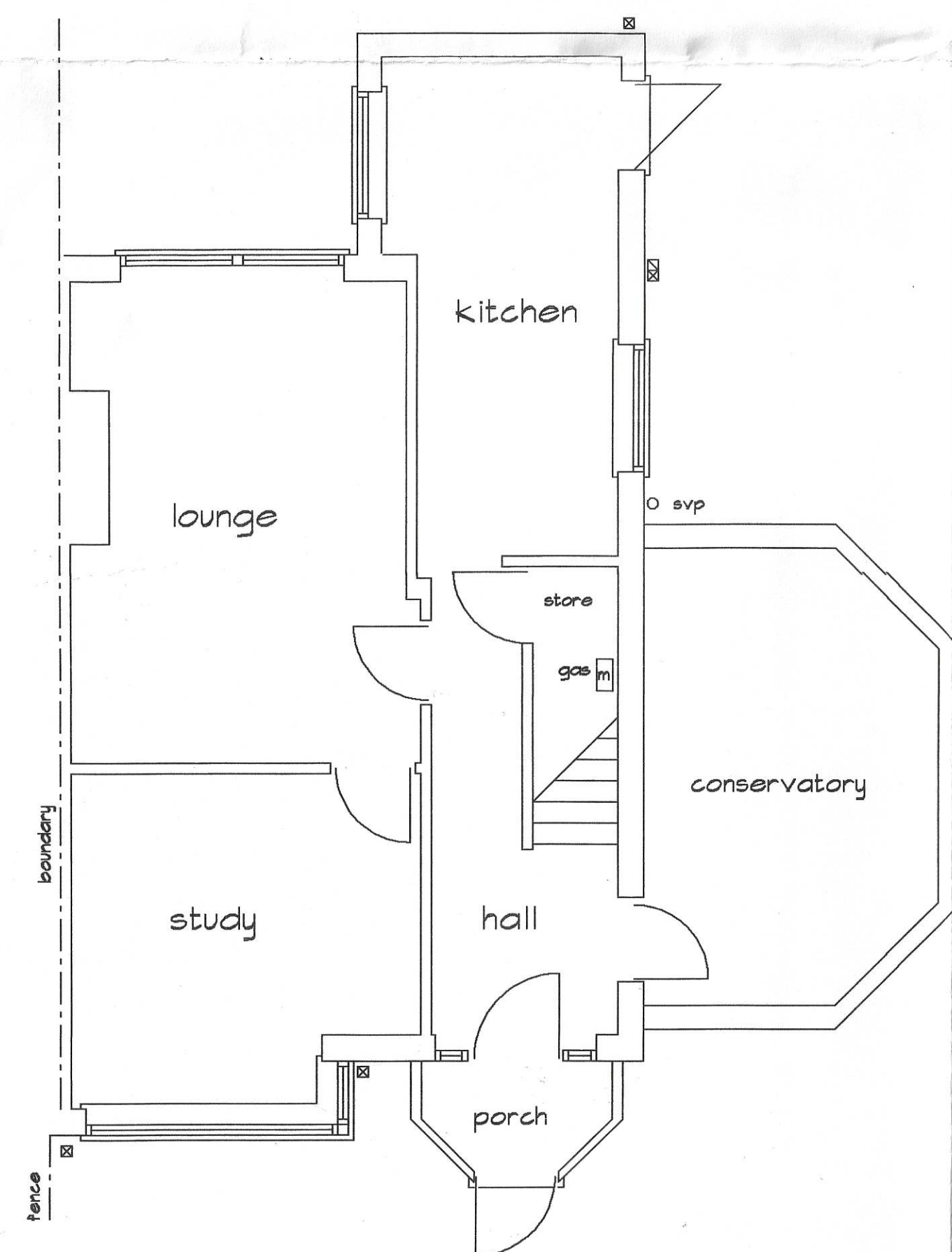
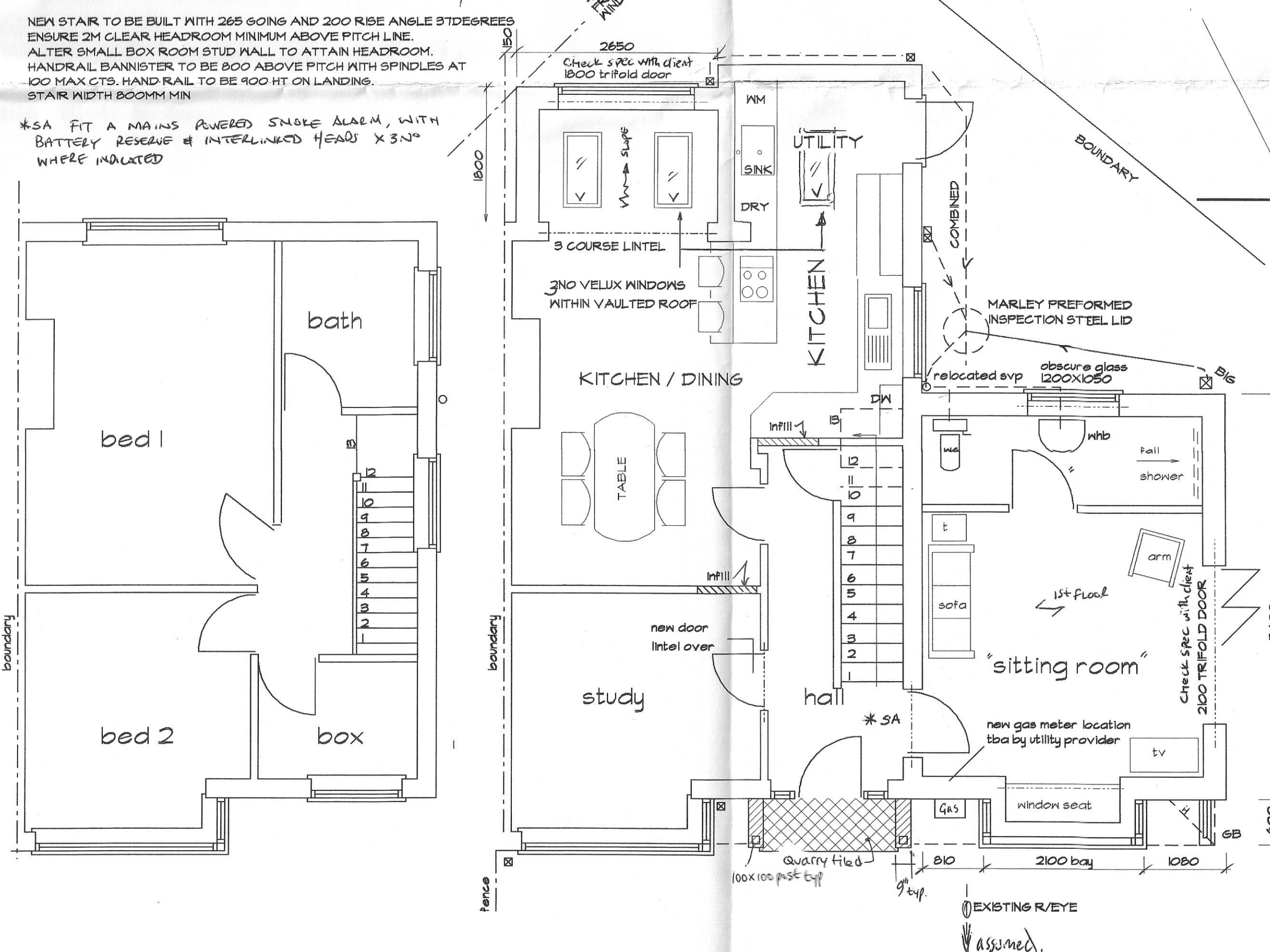
Slab / Foundation Detail



Eaves Detail 1:20



NEW 38X225 VALLEY LAYBOARD TO BE
FITTED OVER EXISTING ROOF TO RECEIVE
NEW DIMINISHING TRUSSES. USE FLANKBOARD TO VALLEY
SIDES AND LINE WITH CODE 4 450 WIDTH MIN LEAD
FALLING TO NEW 100 GUTTERS AND 68 RWP



BUILDING NOTES

GENERAL
THE DESIGN AND CONSTRUCTION OF THE PROPOSAL AND SERVICES SHALL BE IN ACCORDANCE WITH THE LATEST BUILDING REGULATION STANDARDS. FIGURED DIMENSIONS ONLY SHALL BE ACCEPTED AND NO DIMENSIONS SHALL BE SCALED FROM THIS DRAWING. CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE TO HIS OWN SATISFACTION.

FITCHED ROOF (main first floor)

CONCRETE INTERLOCKING ROOF TILES TO B5550 ON 50x25mm TIMBER BATTENS ON UNTEARABLE FELT TO BS 7424 ON B5526/28 PT 3 TRUSSES SPACED AT 900 CTS ~~W/~~ TO BEAR ON 100x80 WALL PLATE AT EXTERNAL WALLS AND TO PROJECT 25mm FAST BRICKWORK TO FORM AN OVERHANG OF 250mm TO PROTECT ROOF AND USE PERFORATED ROOF VENTILATORS THE FULL LENGTH OF THE 25mm AIR SP. FILL SPACE BETWEEN CEILING JOISTS WITH 100 QUILT AND THEN IT OVER THIS LAID IN OPPOSITE DIRECTION TO ACHIEVE A U VALUE OF 0.16W/M²K ENSURING FREE FLOW OF AIR AT THE EAVES. RESTRAIN TIMBER TRUSSES WITH 50x35mm BRACKETS AT EVERY 2ND TRUSS. ROOF PANELS TO BE SPACED TO ALLOW PANELS TO BE PINNED TO UNDERSIDE OF CEILING JOISTS & SKIMMED

EXTERNAL WALLS
300 CAVITY WALLS OF 100MM MATCHING BRICK OUTER LEAF WITH 100 DRITHERM
CAVITY INSULATION, 100mm CELCON SOLAR PLUS BLOCK, 125mm
PLASTER FINISH. SKINS TIED TOGETHER WITH STAINLESS STEEL TIE WIRES
AT 750mm HORIZ. AND 450mm VERT. AND 300mm AT OPENINGS, 'U' VALUE OF WALL TO
ATTAIN 0.29W/m² K (USE INSULATED CAVITY CLOSURES AT REVEALS)

DAMP PROOF COURSE
PITCH POLYMER DPC TO BS 743 AT THE BASE OF GROUND FLOOR WALLS AND
PIERS (MIN. 100mm ABOVE FINISHED GROUND LEVEL) AND ABOVE ANY BRIDGE
OF CAVITY WALLS. CAVITIES TO BE CLOSED AT JAMBS WITH A VERTICAL DPC

SUBSTRUCTURES
ENGINEER BRICK CAVITY WALLS FROM FOOTINGS TO DPC WITH OUTER SKIN
REVERTING TO FACING BRICK AT DPC LEVEL ON EXTERNAL WALLS. WEAK MIX
CONCRETE CAVITY FILL TO 250mm BELOW WALL DPC

FOUNDATIONS
STANDARD CONCRETE STRIP FOUNDATIONS 600mm x 80mm FOR SINGLE STOREY,
600mm x 200mm FOR TWO STOREY PROPOSALS, 400mm x 200mm UNDER INTERNAL LOAD
BEARING WALLS, DEPTH OF FOUNDATION TO BE 1m BELOW GROUND LEVEL TO BE
AGREED WITH THE LOCAL BOROUGH SURVEYOR, TO SUIT SITE CONDITIONS.

INTERNAL WALLS
LOADBEARING PARTITIONS TO BE 100mm CONCRETE BLOCKWORK WITH 12.5mm
PLASTER FINISH, NON-LOAD BEARING PARTITIONS TO BE 75x90 TIMBER
STUDDING WITH 12.5mm PLASTERBOARD AND SKIM FINISH WITH 25mm BOWWOOL ACOUSTIC
INSULATION INFILL. DOUBLE FLOOR JOIST SUPPORT UNDER FIRST FLOOR PARTITIONS
THAT RUN PARALLEL WITH FLOOR JOIST DIRECTION

LINTELS
GALVANIC OR SIMILAR GALVANISED PRESSED STEEL COMBINED LINTELS,
150mm DEEP FOR SPANS UP TO 2100mm, 225mm DEEP FOR SPANS UP TO 4200mm.
MIN. BEARING AT EITHER END OF LINTEL TO BE 150mm LINTELS TO BE PREINSULATED

GROUND FLOOR
10mm ASPHALT OR MERSEY GRIT FINISH ON 150mm CONCRETE FLOOR SLAB ON
200g POLYTHENE DAMP PROOF MEMBRANE ON BLINDING ON MIN 100mm H/CORE
DPM. TO BE TAKEN UP WALLS AT PERIMETER TO FORM A CONTINUOUS BARRIER
WITH FLOOR FINISH & DPC. 100mm Kingspan K3 Denseboard insulation
(Laid under concrete (above visiflex))

PLUMBING
BATHROOM WASTES TO 100mm DIA PVC SVP IN SINGLE STACK PLUMBING TO BS 5542,
40mm DIA WASTE TO BATH AND SINKS, 32mm DIA TO HAND BASIN, ALL TO HAVE 15mm
DEEP SEAL TRAPS, SINK WASTE TO FALL TO 80mm SG, D.I.G. BELOW GRATING TO
100mm DIA HEEFLEUSE DRAINS AT MIN FALL OF 1/40. DRAINS RUNNING UNDER
PROPOSAL TO BE ENCASED IN 50mm OF CONCRETE AND HAVE R.C. LITTELS OVER WHEN
PASSING THRU WALLS, FOUNDATIONS TO BE TAKEN BELOW INVERT LEV. OF DRAIN IN
SUCH SITUATIONS. BUTTERINGS TO BE 100mm DIA 1/2 ROUND/SG TO 60mm DIA RNP.
TO D.I.G. TO 100mm DIA HEEFLEUSE DRAINS AT MIN FALL OF 1/40. IF THERE IS
A PROBLEM WITH THE DRAINAGE OF THE HOUSE THIS SHOULD BE MAINTAINED.
WATERPURY PIPE TO 100mm DIA SVP WITH 100mm DIA 1/2 ROUND/SG

WATER SERVICE PIPES TO BE LAGGED WITHIN ROOF/FLOOR VOID.
THERMOSTATIC RADIATOR VALVES TO BE FITTED TO NEW RADIATORS.
ALL SANITARY FITTINGS TO COMPLY WITH APPROVED DOC 6 TABLE 2.1
GLAZING & VENTILATION

ALL WINDOWS TO DOUBLE GLAZED WITH MIN OPENINGS OF 1/20th OF FLOOR AREA.
HABITABLE ROOMS DOUBLE TO HAVE A 8000cm² TRICKLE VENT IN UPPER FRAME
KITCHEN/UTILITY/WC ROOMS TO HAVE A 4000cm² TRICKLE VENT IN UPPER FRAME
MECHANICAL VENTILATION IS TO BE PROVIDED IN NEW OR EXTENDED
KITCHENS OF 60l/SEC, UTILITIES OF 30l/SEC, BATHROOMS 15l/SEC AND
WCS 6l/SEC (CONTROLLED BY LIGHT SWITCH WITH 15min OVERRUN)
ALL DUCTED TO OUTSIDE AIR.

ANY GLAZING WITHIN 800mm FROM FLOOR LEVEL IS TO BE TOUGHENED SAFETY GLASS
ALL WINDOWS TO HAVE EMERGENCY ESCAPE OPENING OF MIN AREA 0.33m² AND
MIN HT. OF 450mm CAVITY OF GLAZING UNIT TO BE 16mm WITH SOFT E COATINGS
TO ACHIEVE MAX U VALUE OF 1.6

ELECTRICAL / HEATING / LIGHTING (TO BE AGREED WITH CLIENT PRIOR TO WORKS)

LIGHTING TO BE ENERGY EFFICIENT TYPE TO BUILDING CONTROL SATISFACTION
ALL ELECTRICAL WORK REQUIRED TO MEET THE REQUIREMENTS OF PART P
(ELECTRICAL SAFETY) MUST BE DESIGNED, INSTALLED, INSPECTED & TESTED.
WHERE APPROPRIATE A BS7671 ELECTRICAL INSTALLATION CERTIFICATE
TO BE ISSUED BY A 'COMPETENT PERSON' ABLE TO DO SO.

1ST FLOOR CONSTRUCTION TO BE FLOORGRADE CHIPBOARD 18MM THK ON 75X225 FLOOR JOISTS AT 400 CTS SC4 WITH MIDSPAN CROSS STRUTTING 50X150 JOISTS TO BE RESTRAINED TO EXTERNAL AND PARTITION WALLS WITH 30X5 MILD STEEL STRAPS AT MAX 2 M CTS. INFILL BETWEEN JOIST WITH GUILT TO PROVIDE SOUND INSULATION, PIN 0.5 PBOARD AND SKIM BELOW

A		INCORPORATE CLIENT COMMENTS	FT	5/16/2021
REV		DESCRIPTION	BY	DATE
PROPOSAL				
Two storey side & single storey rear extension				
AT				
30 Norbreck Avenue, Huxton, Liverpool, L14 6UN				
FOR				
Mrs Nicola Gray & Miss Carole Turner.				
DRAWING NUMBER	2021/NSGT/01 REV A		Chestnut Design To Build Ltd. Telephone 01860251622	
DATE	April 2021			
SCALE	1:50 1:100			