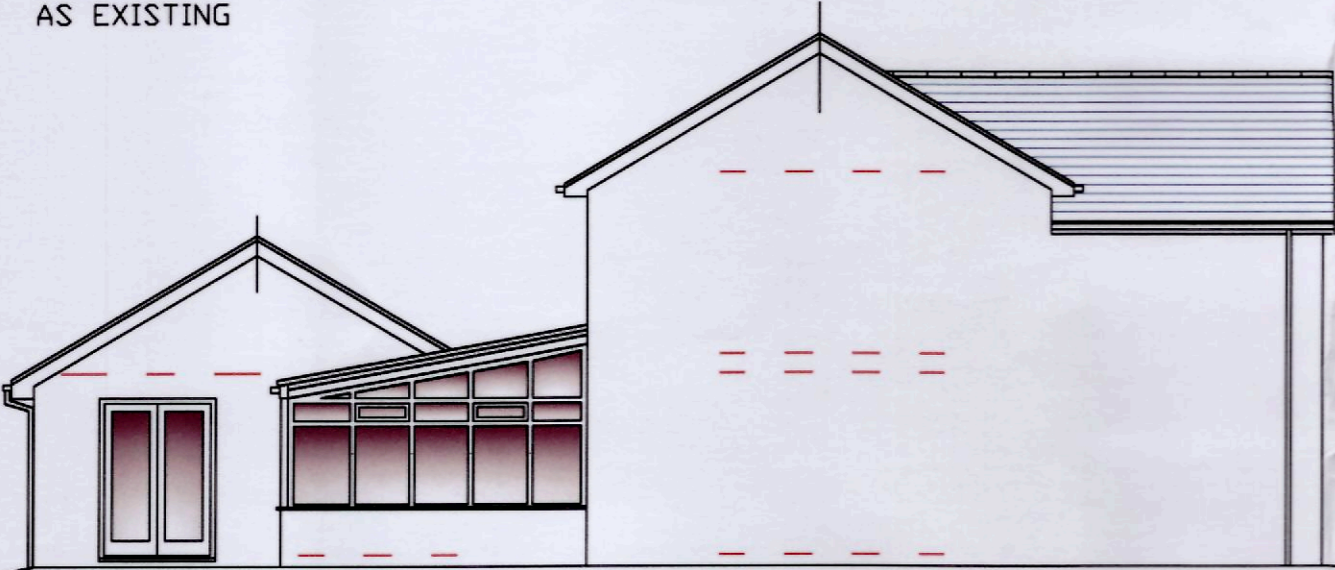


FRONT ELEVATION AS EXISTING



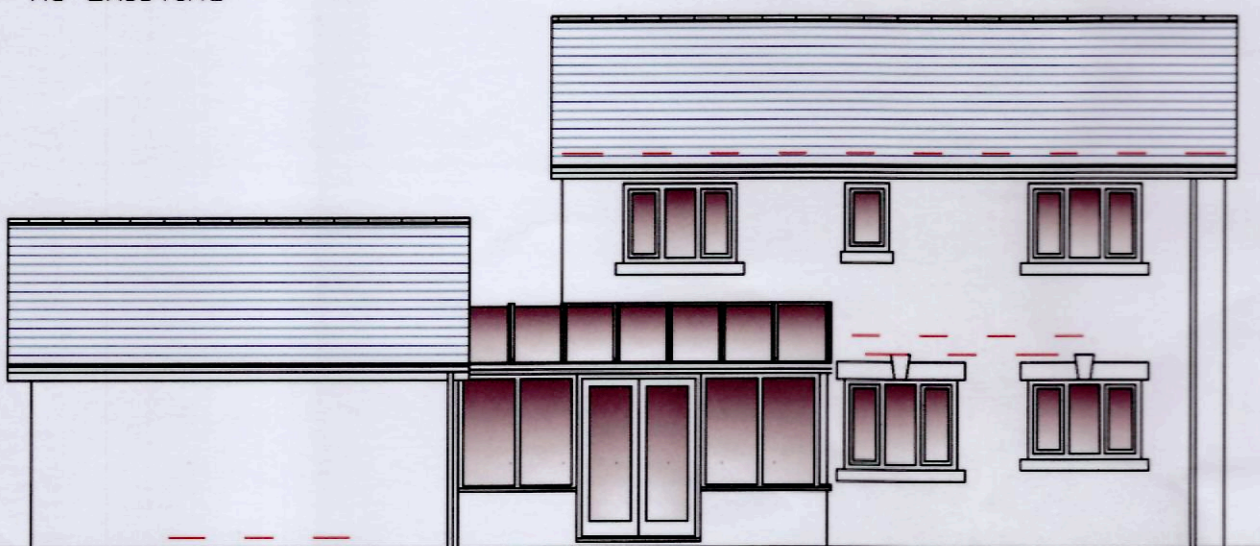
FRONT ELEVATION AS PROPOSED



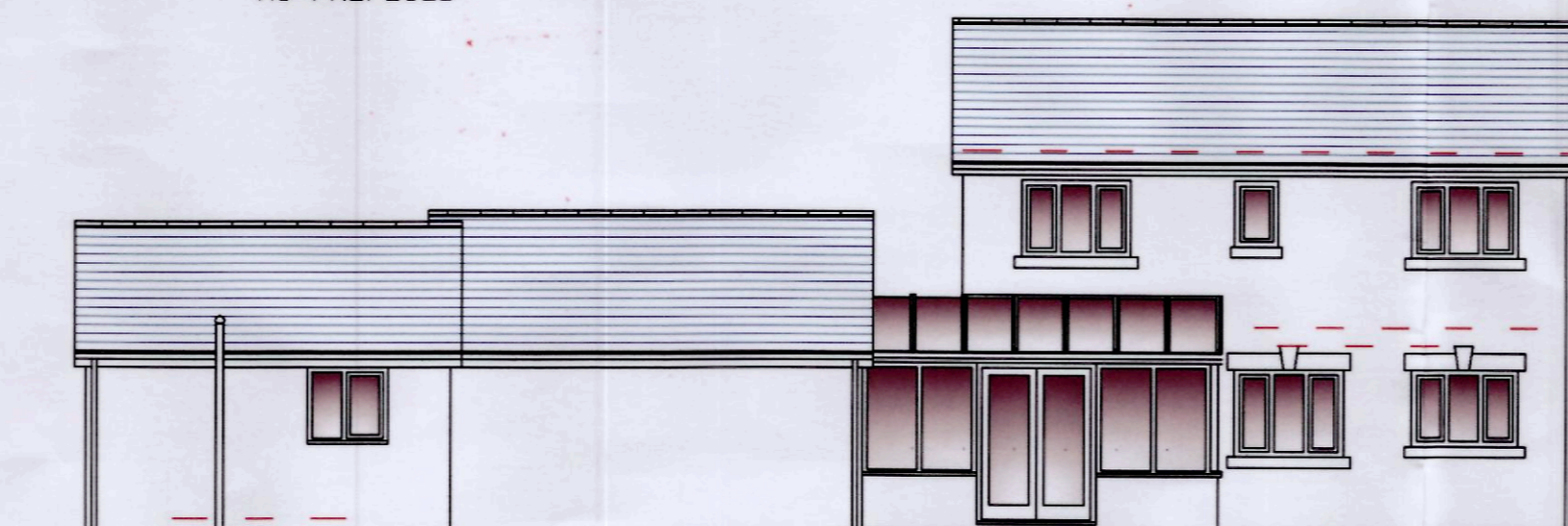
SIDE ELEVATION No1 AS EXISTING



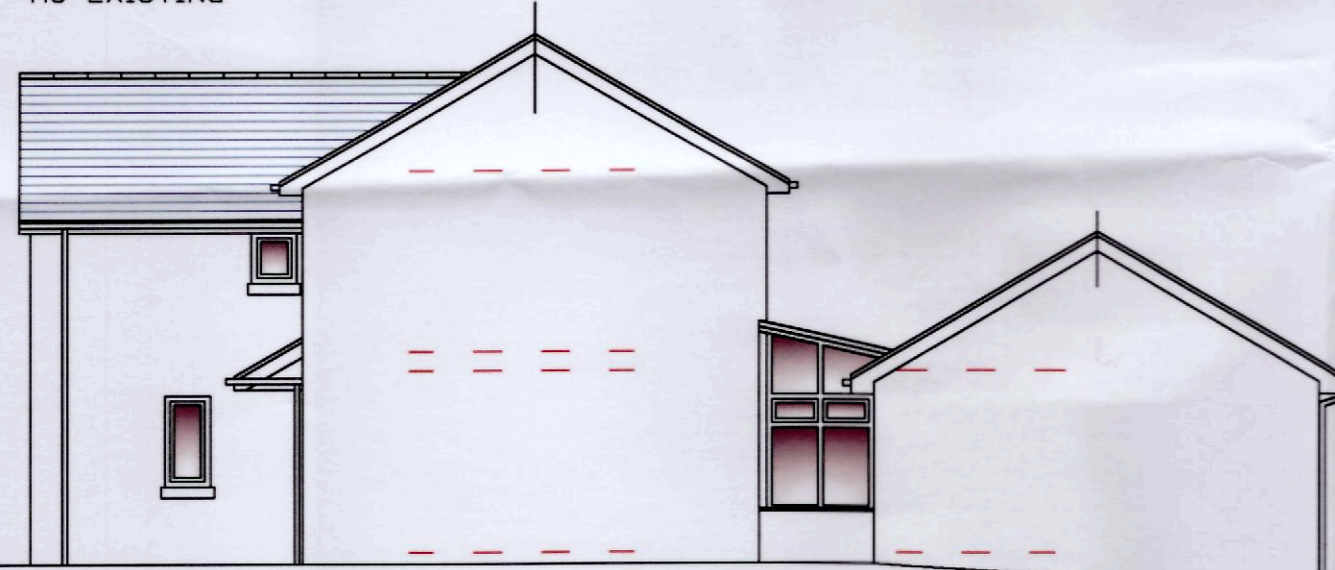
SIDE ELEVATION No1 AS PROPOSED



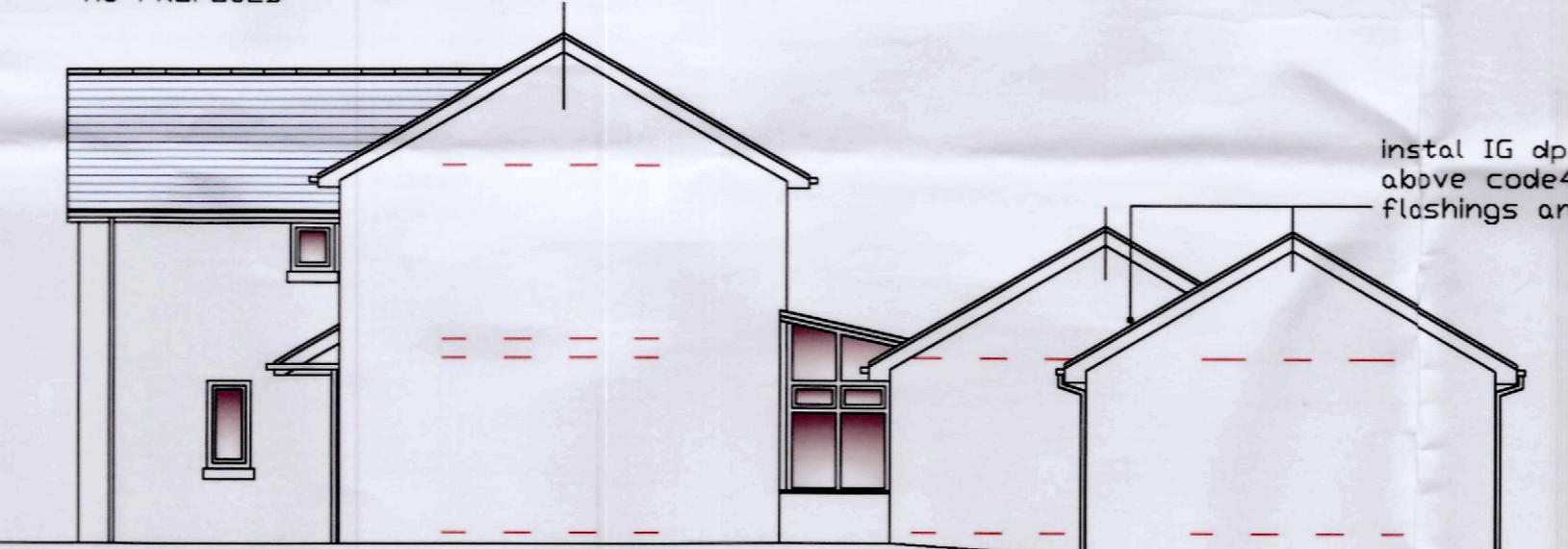
REAR ELEVATION AS EXISTING



REAR ELEVATION AS PROPOSED



SIDE ELEVATION No2 AS EXISTING

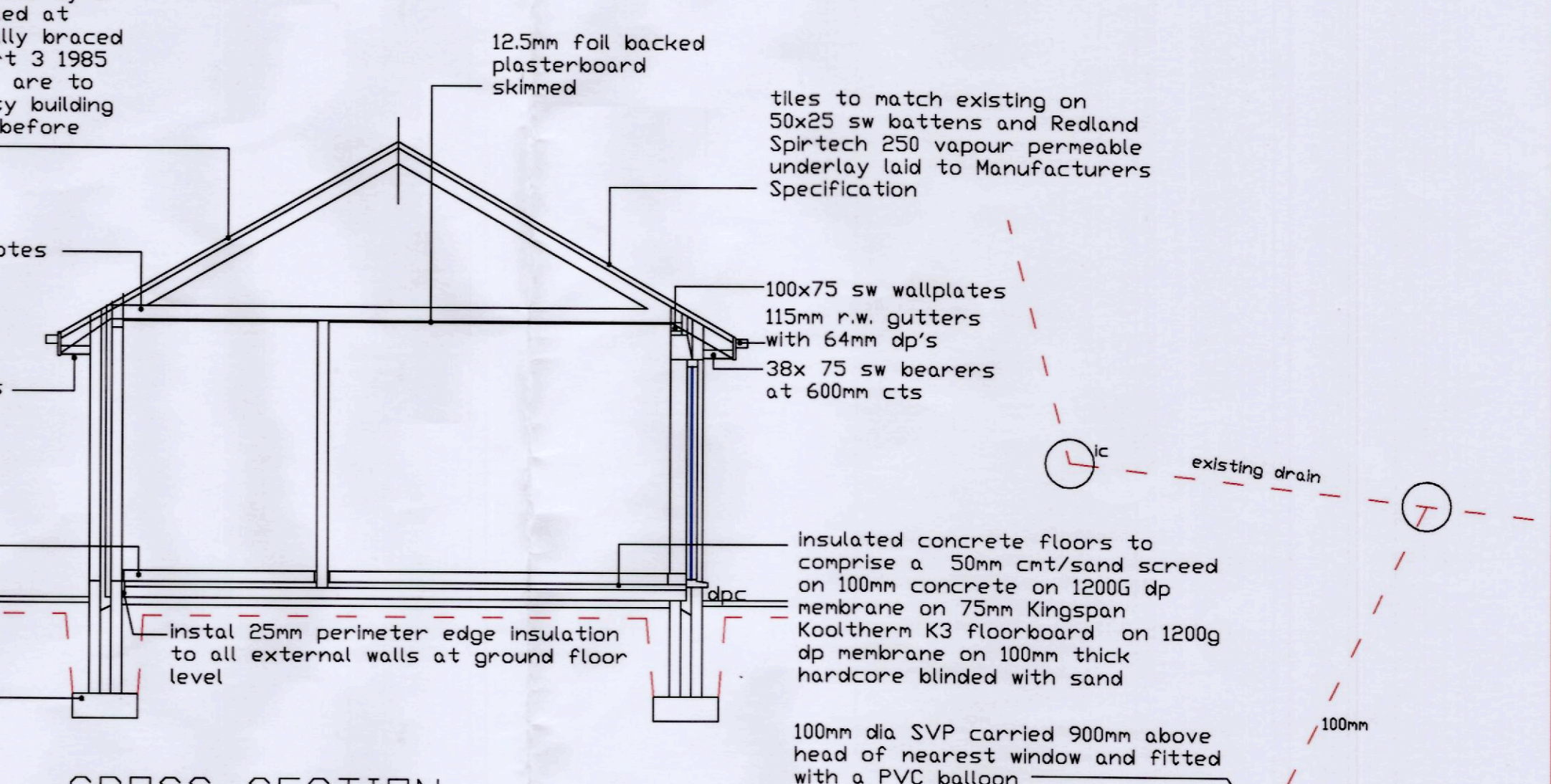


SIDE ELEVATION No2 AS PROPOSED

prefabricated wood roof trusses by a specialist manufacturer installed at 600cts & diagonally and laterally braced with 100x25 sw to BS 5268 part 3 1985 calculations for roof trusses are to be submitted to local authority building control officer for approval before roof work is commenced

250 insulation quilt laid as notes double glazed UPVC windows and doors  
Catic steel lintels to all external heads  
9.5mm exterior plywood soffits

15x100 sw skirtings  
600mmx225 thick concrete strip foundations on load bearing strata a minimum of 600mm below existing ground level



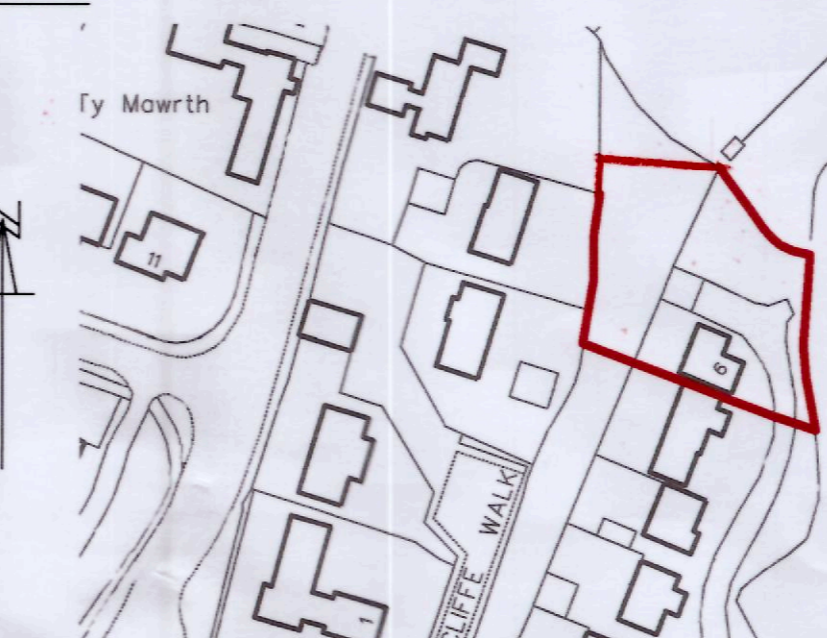
CROSS SECTION

12.5mm foil backed plasterboard skinned  
tiles to match existing on 50x25 sw battens and Redland Spirtech 250 vapour permeable underlay laid to Manufacturers Specification

100x75 sw wallplates  
115mm r.w. gutters with 64mm dp's  
38x 75 sw bearers at 600mm cts

Insulated concrete floors to comprise a 50mm cmt/sand screed on 100mm concrete on 1200G dp membrane on 75mm Kingspan Kooltherm K3 floorboard on 1200g dp membrane on 100mm thick hardcore blinded with sand

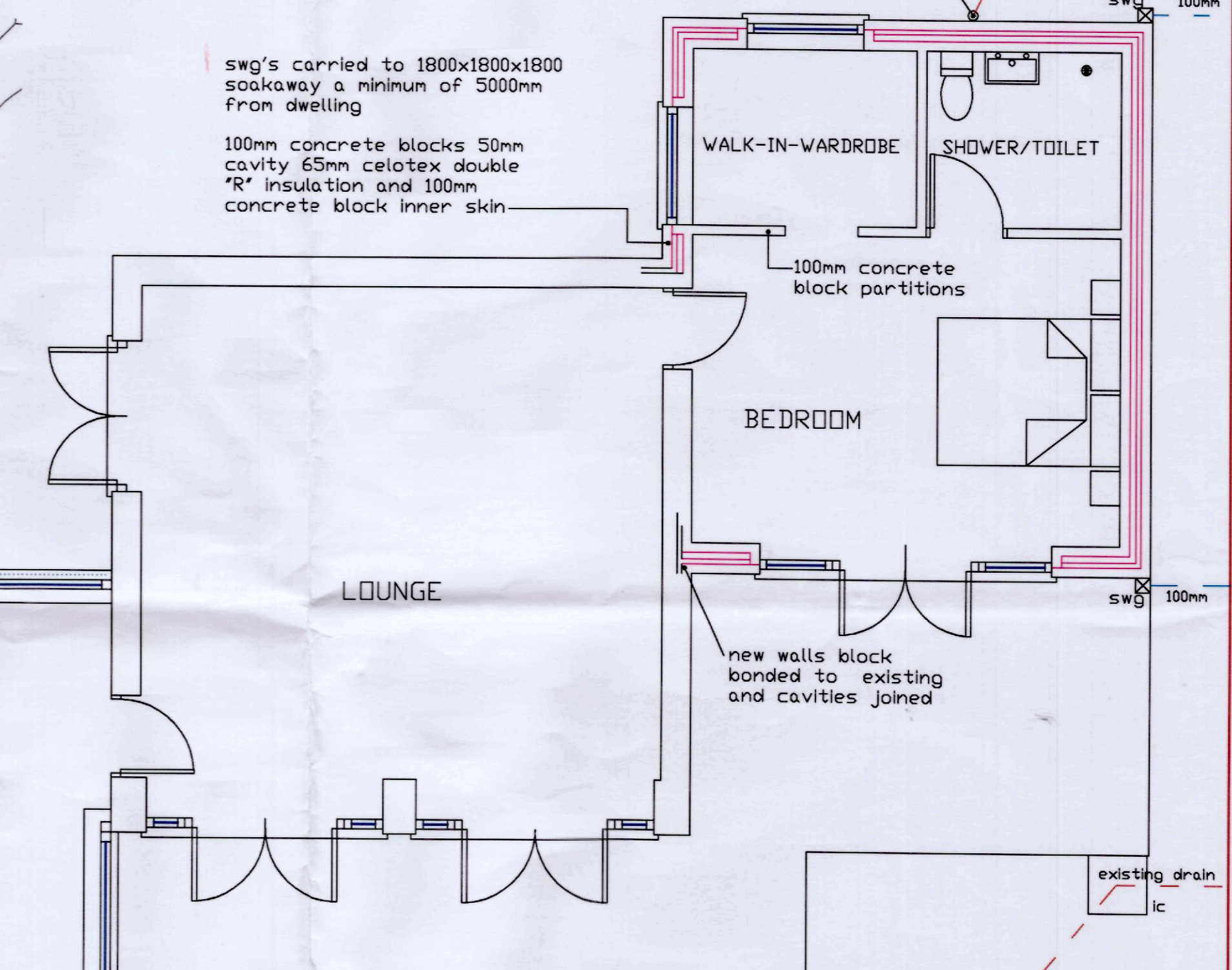
100mm dia SVP carried 900mm above head of nearest window and fitted with a PVC balloon



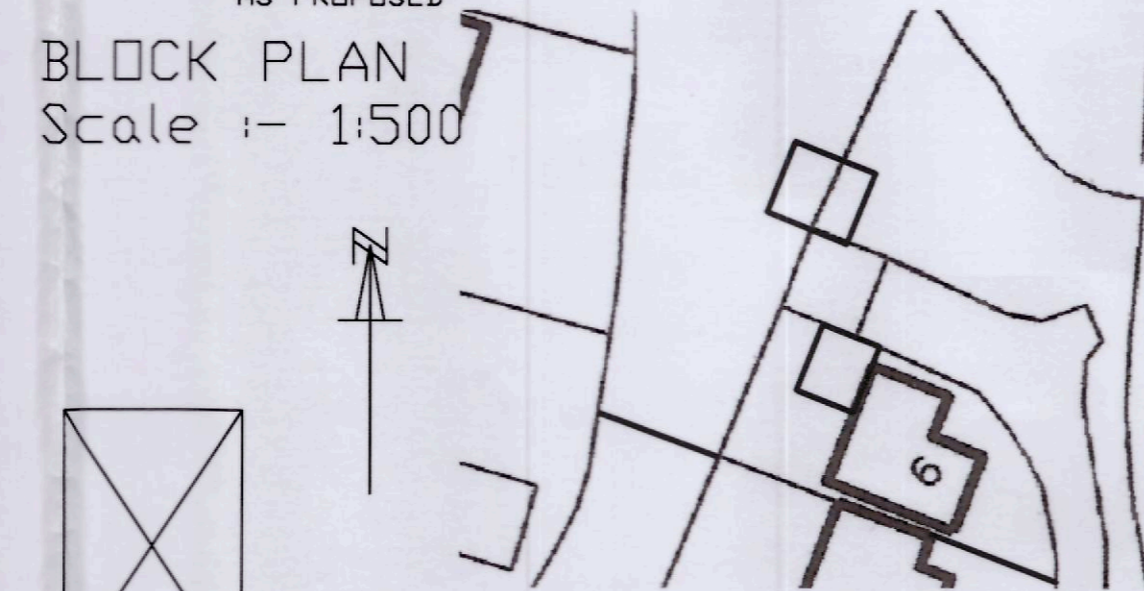
LOCATION PLAN Scale :- 1:1250

swg's carried to 1800x1800x1800 soakaway a minimum of 5000mm from dwelling

100mm concrete blocks 50mm cavity 65mm celotex double 'R' insulation and 100mm concrete block inner skin



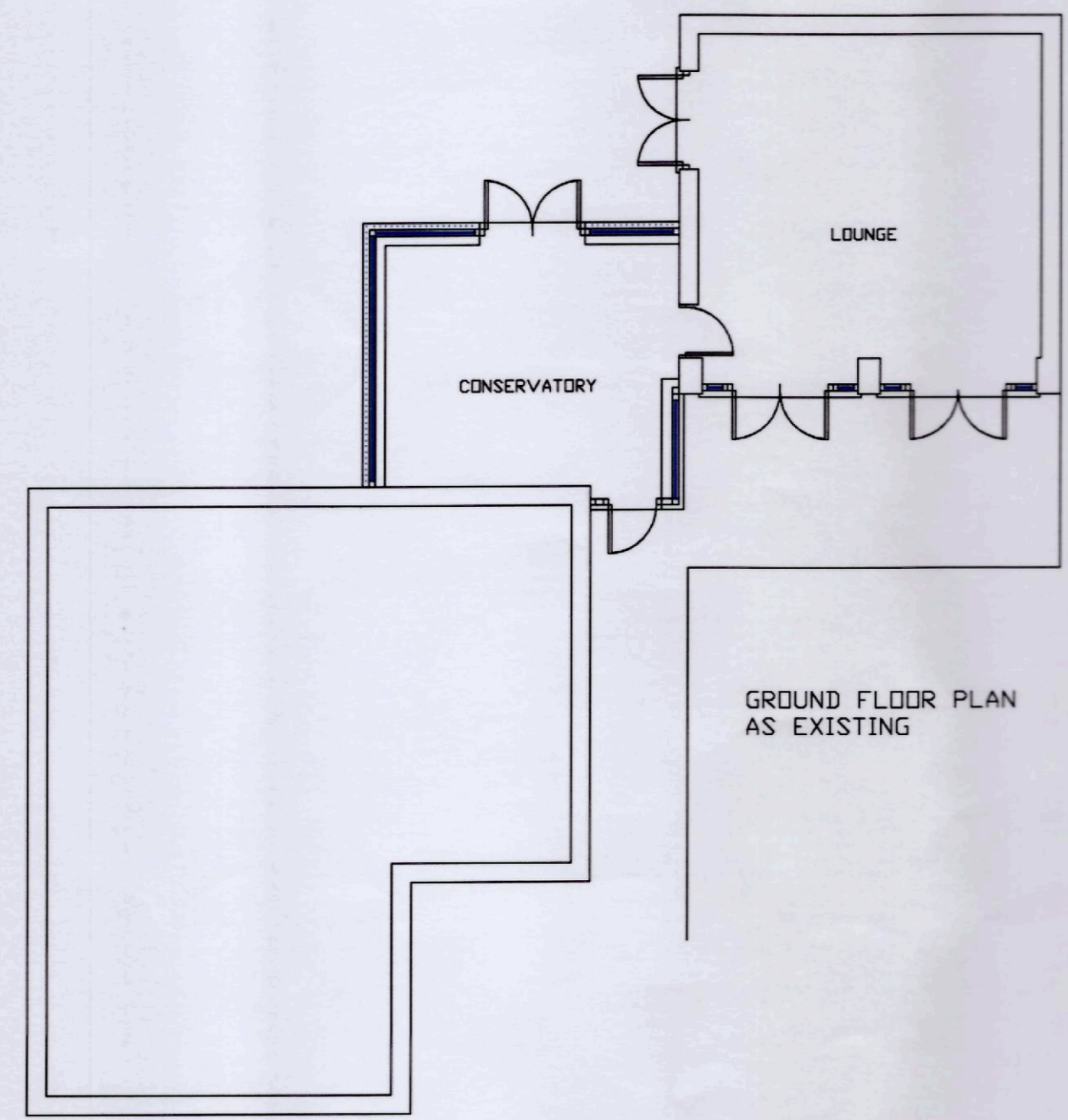
GROUND FLOOR PLAN AS PROPOSED



BLOCK PLAN Scale :- 1:500

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

NOTES  
Windows to be double glazed UPVC with low emissivity glass and to have ventilating areas not less than 1/20th floor area of room served. Windows to habitable rooms to be fitted with trickle vents not less than 8000mm sq and from shower/toilet not less than 4000mm sq.  
Instal 100mm dia. PVC SVP's which are to be carried 900mm above heads of nearest windows and fitted with PVC balloons  
Provide 50mm dia. trapped wastes from sink unit and shower and 32mm from wash hand basin  
Wastes to have 75mm seals and rodding access.  
I.C.'s to be formed with 225mm semi engineering bricks on a 150mm concrete base and with concrete benching.  
Drains are to be connected to I.C.'s on a soffit to soffit basis and turned with flow of drain. foundations within one metre of drain are to be taken down below invert level.  
Provide mechanical ventilation to shower/toilet at a rate not less than 15 litres a second and with a 15 minute overrun.  
Wall ties are to be installed at 750mm horizontally and 450 vertically and staggered and at 300mm vertically at window and door jambs.  
Provide lateral restraint between walls and roof with Catic straps at two metre centres.  
All glazing is to comply with part N & L of the current building regulations.  
Instal Glidvale EV6M25 continuous vents on top of 19 x 175 sw fascias and G5 type tile vents at highest point of roof to give 0.3 percent cross ventilation to void of roof above insulation.  
300mm Rockwool insulation quilt laid above ceilings in two 150mm layers at right angles to one another.  
Walls to be plastered internally and rendered externally.  
Instal insulated vertical dpc's at window and door jambs.  
Cavities to be sealed at tops of walls with Cape Masterboard.  
Cavity wall insulation is to extend to full height of gable walls.  
Cavity wall and roof insulation are to abut at tops of walls whilst ensuring adequate ventilation to roof void.  
Closures to all cavities must be insulated.  
All electrical work is to be carried out by a competent electrical engineer and a test certificate is to be given to the Local Authority Building Control Officer



GROUND FLOOR PLAN AS EXISTING

PROPOSED EXTENSION TO FORM A GROUND FLOOR BEDROOM TOGETHER WITH A WALK-IN-WARDROBE AND EN-SUITE AT No6 BADGERS BROOK CLOSE YSTRADOWEN FOR MR & MRS D. MORGAN  
Scales :- 1:50 & 1:100

14 01 023 FUL  
RECEIVED  
29 AUG 2014