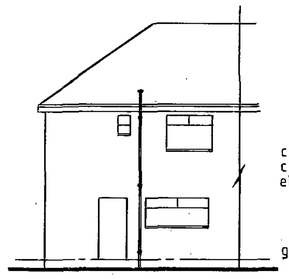
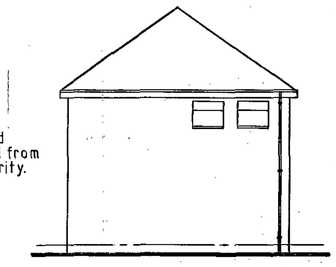
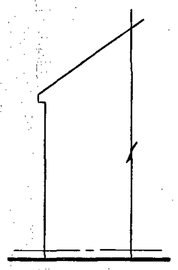
PROPOSED SINGLE STOREY REAR EXTENSION AT NO. 6 WATH ROAD, ELSECAR, BARNSLEY, SOUTH YORKSHIRE, FOR MR. C. HILEY. Drg No. H1/01. Issue 02. Scale 1-50, 1-100.



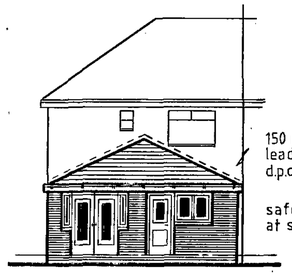
EXISTING REAR 1-100



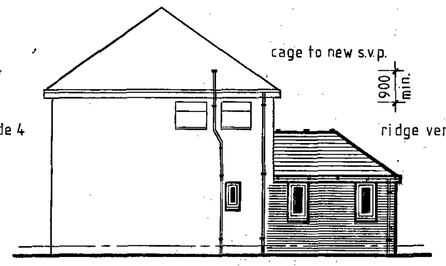
EXISTING SIDE (E)



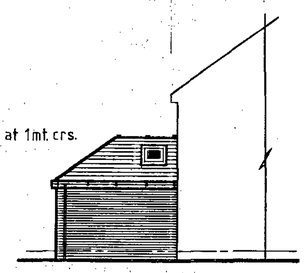
EXISTING SIDE (W)



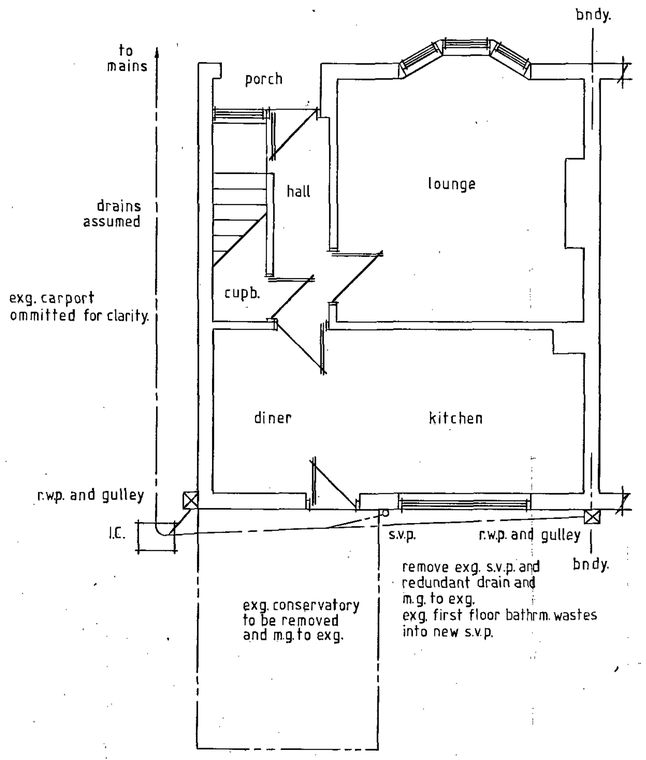
PROPOSED REAR



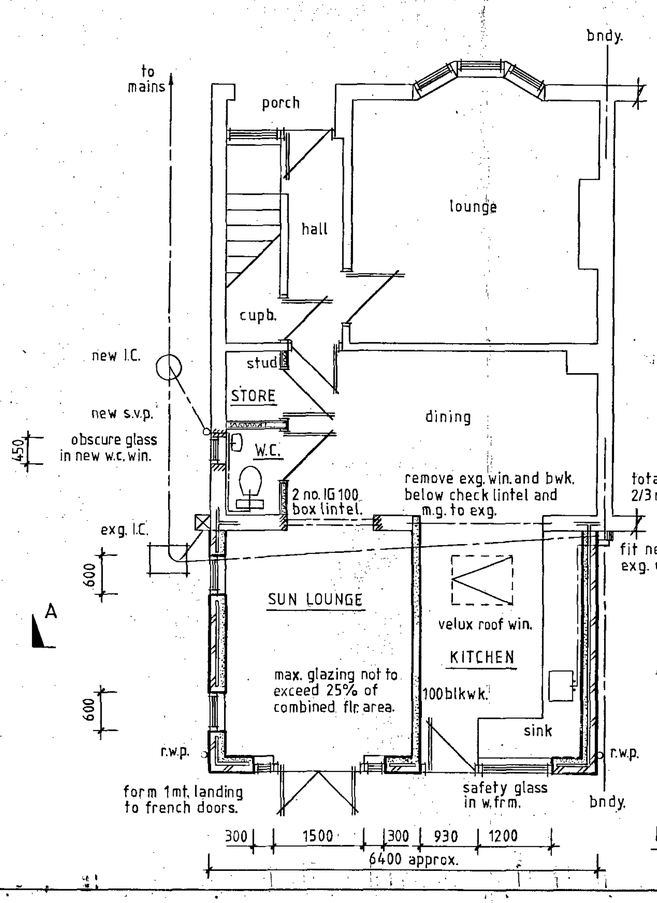
PROPOSED SIDE (E)



PROPOSED SIDE (W)



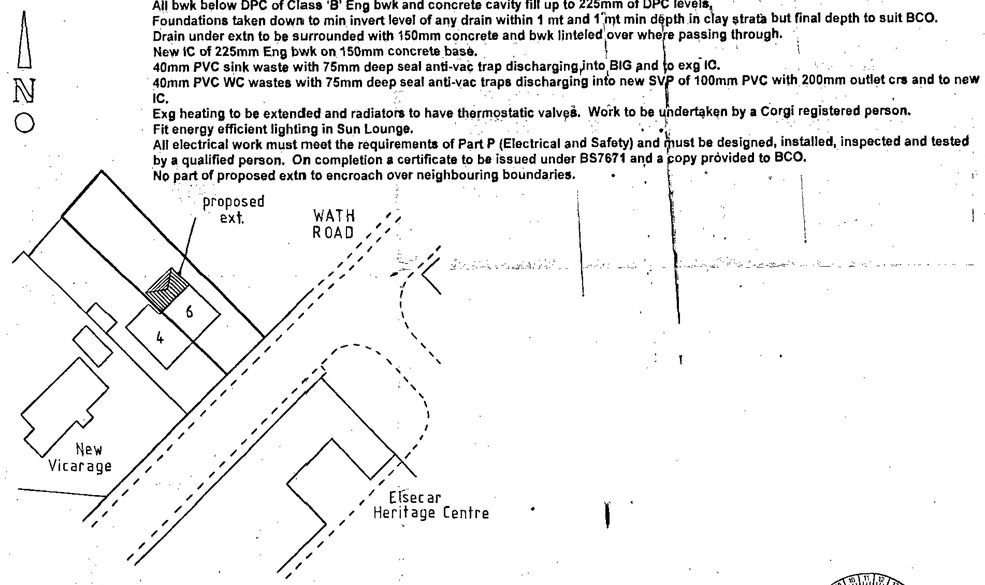
EXISTING G.F. PLAN 1-50



PROPOSED G.F. PLAN

Construction

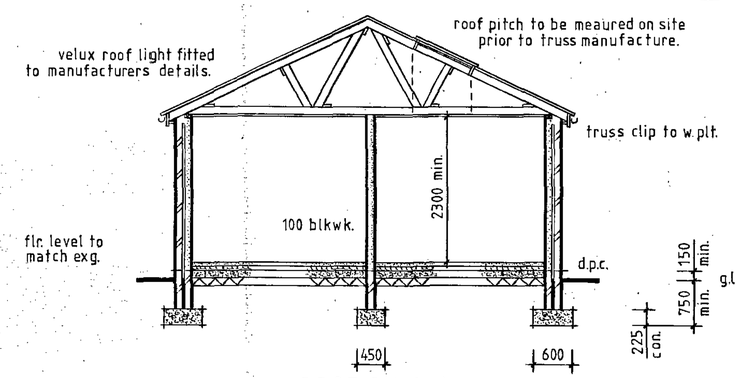
Roof of matching concrete interlocking tiles on 38 x 25 tile battens and untearable roofing felt.
If min pitch for tiles used cannot be achieved fit Unduline under tiles.
Roof trusses to CP 112 Chp 3 and BS 5268 at 600 max crs and 100 x 25 bracing to full length of roof at all node points.
Calcs for trusses to be submitted 28 days prior to start.
100 x 75 wall plates and 30 x 5mm galv MS holding down straps every 3 No trusses taken down inside blockwork 900mm.
Lateral restraint straps as above spanning 3 No trusses on noggins at 2mts.
SW facia brds and soffit with 12mm continuous vent covered with vermin mesh and tile vents at head of roof.
12mm plasterbrd and skim to clgs.
150 fibreglass between clg jsts and 150 quilt on top at right angles to achieve 'U' value 0.16W/m²k.
100mm gutter of PVC and 75 RWP discharging into 1 mt³ hollow S/A 5 mts from bldg subject to percolation test.
102 matching bwk with 100mm cavity and 100mm Dritherm insulation to achieve 'U' value 0.30W/m²k taken down below DPC level and 100 Thermalite 2000 shield blocks to inner leaf with 2 No. coat plaster finish.
5 No. SS wall ties per mt² and every 225mm at reveals.
Internal reveals 385 min and closed with Thermabate and skim.
Cavity to be continuous with exg and closed at cill and roof levels.
All new bwk bonded to exg 1 in 2 courses.
Stud walls of 75 x 50 frmwk with fibreglass in voids and to achieve 'U' value 0.1W/m²k with plasterbrd and skim finish to both sides.
IG L1/S100 type lintels over openings with 150 end bearing and 18mm plasterbrd and skim finish unless stated otherwise to achieve 30 min fire resistance.
UPVC window frames d/glazed with low E Argon filled 20mm air gap to achieve 'U' value 1.8W/m²k and 1/20th floor area opening vents with 8,000mm² trickle vents to head of frames.
Safety glass to be used in windows if cill height is less than 800mm AFL to comply with BS 6206 and safety glass in doors.
Fit 60 lt/sec extraction fan in kitchen and 15 lt/sec in WC both ducted to external air.
G/flr of 75mm screed on 90mm Styrofoam insulation to achieve 'U' value 0.22W/m²k on 100 concrete and 100mm compacted hardcore sand blinded and Visqueen 1,200g DPM bonded to horizontal DPC.
All bwk below DPC of Class 'B' Eng bwk and concrete cavity fill up to 225mm of DPC levels.
Foundations taken down to min invert level of any drain within 1 mt and 1 mt min depth in clay strata but final depth to suit BCO.
Drain under extn to be surrounded with 150mm concrete and bwk linteled over where passing through.
New IC of 225mm Eng bwk on 150mm concrete base.
40mm PVC sink waste with 75mm deep seal anti-vac trap discharging into BIG and to exg IC.
40mm PVC WC wastes with 75mm deep seal anti-vac traps discharging into new SVP of 100mm PVC with 200mm outlet crs and to new IC.
Exg heating to be extended and radiators to have thermostatic valves. Work to be undertaken by a Corgi registered person.
Fit energy efficient lighting in Sun Lounge.
All electrical work must meet the requirements of Part P (Electrical and Safety) and must be designed, installed, inspected and tested by a qualified person. On completion a certificate to be issued under BS7671 and a copy provided to BCO.
No part of proposed extn to encroach over neighbouring boundaries.



BLOCK PLAN 1-500

RECEIVED
- 4 DEC 2009
CORPORATE MAIL ROOM

velux ducted down to clg. level with 12 mm. ply and encase with 120 mm. celotex on void side.



SECTION A-A 1-50

N.B. bldg. contractor to check all dimensions and details on site prior to start.