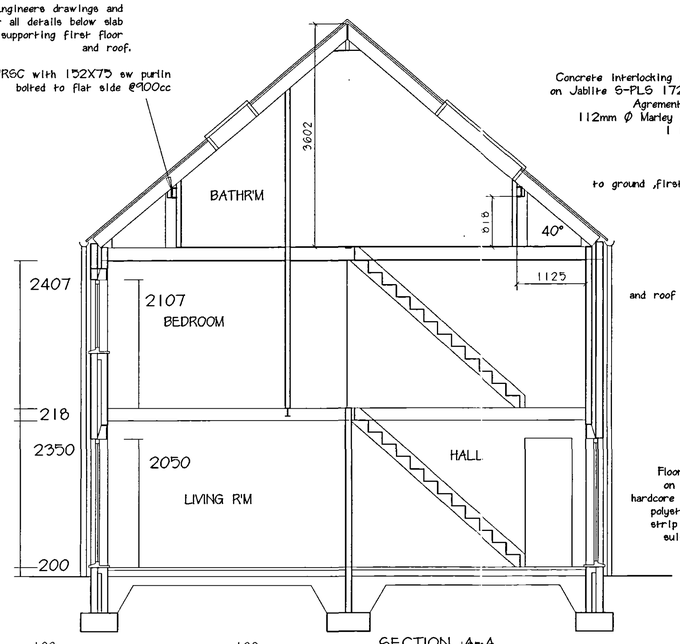
See Structural Engineers drawings and calculations for all details below slab level and beams supporting first floor and roof.

152x76x 17 kg/RSC with 152X75 ew purlin bolted to flat side @900cc

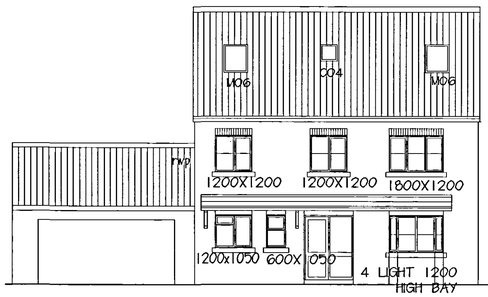



Concrete interlocking tiles on 38 x 25mm battens on Jablite S-PLS 172 8/8 roof panels as British Agrement Certificate No 00/3696/c. 112mm Ø Marley Clipmaster pvc gutter laid to 1 in 600 fall to 75mm Ø RWP

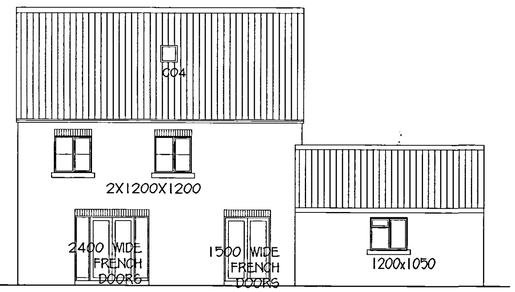
100mm structural block for internal walls to ground ,first and second floors where supporting roof loads. 75mm Celcon block partitions to other walls as reqd.

First floor construction. 18mm moisture proof chip board to BS 5669 on 200mm x 50mm joists at 400 centres. MG ties at maximum 2m centres to secure joists to cavity wall. See 1st floor and roof plans for layout and details. 15mm wallboard and skim to ground and 1st floor ceilings.

Felt DPM min 150mm above paving level lapped to DPM under slab. Floor finish on 50mm sand cement screed on 1200g polythene DPM on sand blinded hardcore min 150mm thick. 100mm. extruded polystyrene insulation 225x700mm concrete strip foundationsmin 1000mm deep or on suitable load bearing stratum. Foundations backfilled with hardcore.

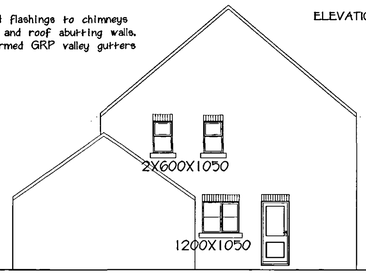



ELEVATION




ELEVATION

Code 4 lead flashings to chimneys and roof abutting walls. Pre formed GRP valley gutters

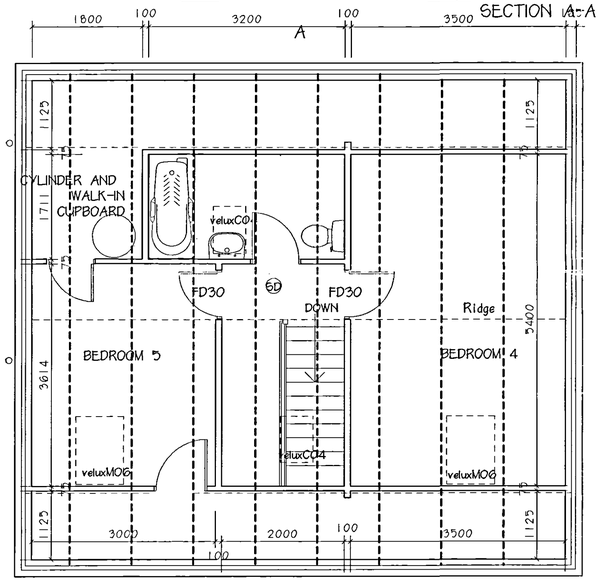



Double glazing to all doors and windows 4:20:4 Pilkington Kglass All doors and windows draught sealed

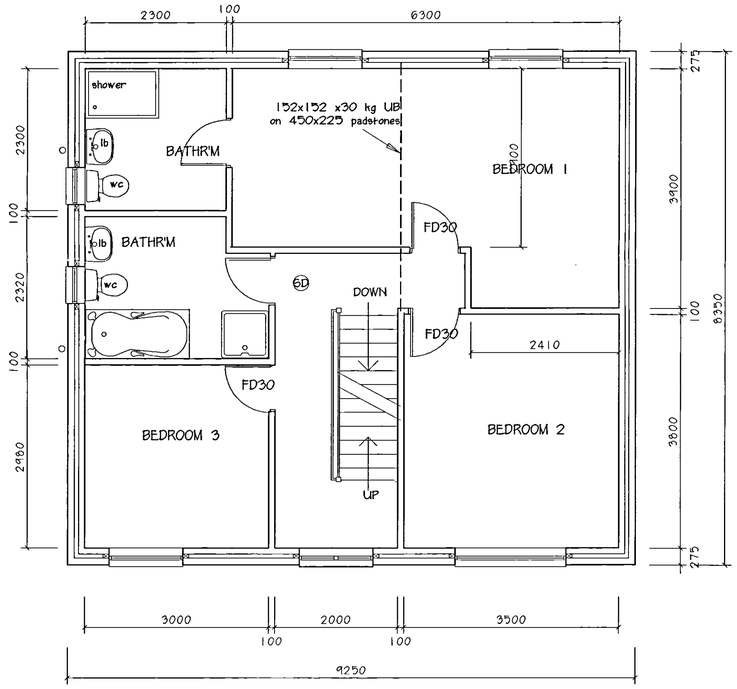
ELEVATION

SECTION A-A

Bathrooms and wc at utility room to be ventilated at 30 ltr/sec operated by light switch.




SECOND FLOOR PLAN




Oil fired central heating to whole house. Rads controlled by room stats or thermostatically controlled rad. valves.

First floor bath and lavatory basin waste to SVP through 38mm waste and 75mm anti-syphon traps. SVP to terminate 1m above window head. Separate connection for wc's to svp.

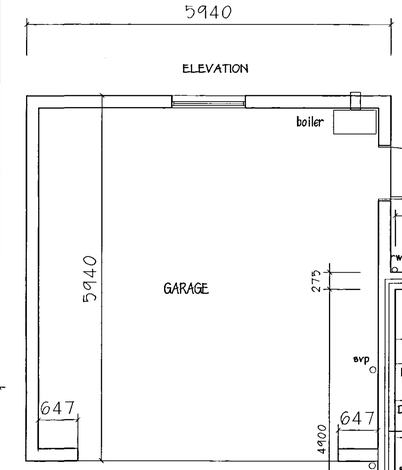
Standard double glazed windows and patio doors. See elevations for coding and finish.Glass in doors and side panels to be toughened or laminated to BS 6206 1981to comply with Part N of the Building Regs.

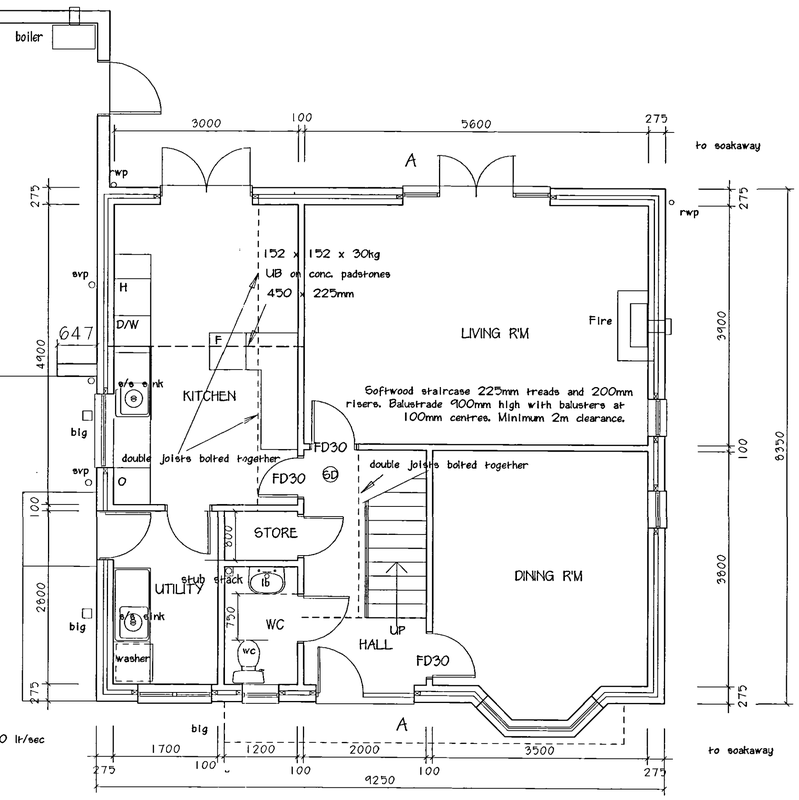
All habitable rooms to have min 5% floor area opening lights with 8000 sq mm trickle ventilation.All other rooms to have min 4000 sq mm

Kitchens to be mechanically ventilated at 60 ltr/sec or 30 ltr/sec via cooker hood.

Toilet and entrance doors to be min 775mm and 750mm respectively and WC compartment to have 750 clear access space to WC all to meet Part M of the Building Regulations.

FIRST FLOOR PLAN





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PROPOSED RESIDENTIAL DEVELOPMENT,

ST. JOHNS ROAD

SPALDING

TYPE: CHELT

PLOT 9


Planning Department
21 NOV 2005
Ref. 1600/05


1:50, 1:100 SCALES

DATE SJRS/06 DRG. NO.


DETERMINED PLAN