DEVELOPMENT SERVICES
02 JUL 2009
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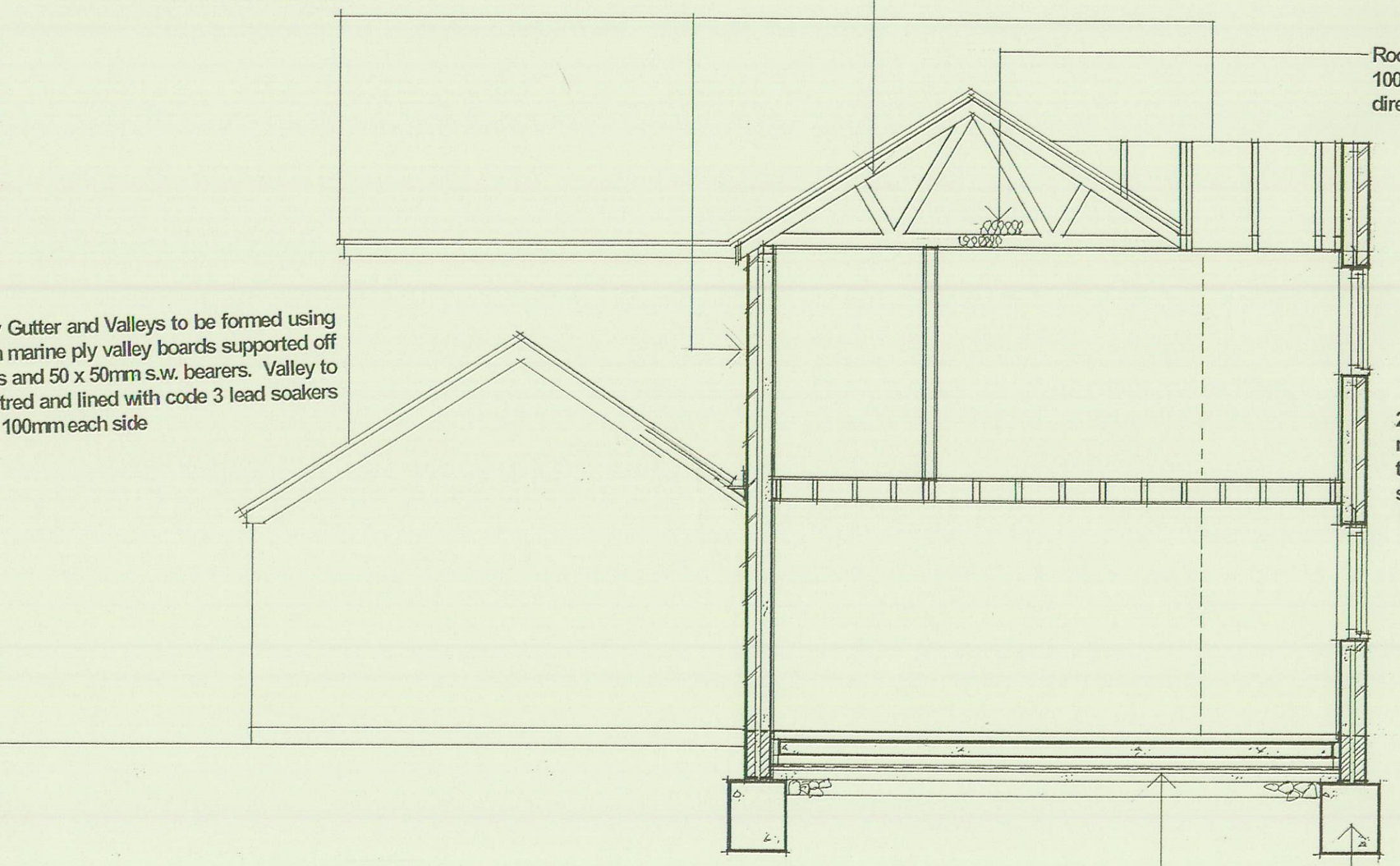
External walls shall consist of 102.5mm facing brickwork external outerleaf to match existing brickwork laid in 1:1:6 mortar, 100mm fullfill Rockwool Cavity Wall Insulation Batts, and 100mm 3.5N Durox Aircrete Supabloc blockwork inner leaf all installed to full manufactures instructions.
Skins to be tied together at 900mm ctrs. horizontally and 450mm ctrs vertically and at 250mm ctrs at all openings, with double triangular stainless steel ties.
The cavity will not be closed at the eaves and the roof insulation will be continuous with the wall insulation

Pre-fabricated trussed rafters at pitch to match existing, by an approved specialist supplier to B.S.5268 part 2 1991 and part 3 1985 using machine stress graded timber which is to be vacuum impregnated with an approved preservative.
Nb: design calculations and details to be submitted by specialist supplier

Roof void to incorporate 270mm thick Rockwool insulation Quilt, with 100mm laid between joist member and 170mm layer over joists in opposite direction. All to achieve a minimum U-Value of 0.16W/m2K

Gutter and Valleys to be formed using marine ply valley boards supported off s and 50 x 50mm s.w. bearers. Valley to tred and lined with code 3 lead soakers 100mm each side

22mm thick moisture resistant chipboard floor boards secret nailed and joints glued to 50 x 200mm SC4 grade softwood treated floor joists at 400mm centres. Double joists under stud partitions.



Section

600mm x 750mm thick C20P, 20mm agg concrete trench fill foundation taken down to min.depth of 1000mm below finished ground level, subject to ground conditions, and to the satisfaction of the Building Control Officer

65mm thick sand/cement screed, 150mm C20P, 20mm agg oversite concrete slab, building paper to BS1521:1972 grade B1F, 75mm Kingspan Kooltherm K3 floorboard (0.023W/mK), (plus perimeter upstnd), 1200g gauge Visqueen DPM, 50mm sandblinding and 150mm hardcore
DPM to be taken up and linked and linked with DPC at wall abutment.

Proposed SW Drain
To Rubble Soakaway
Min 5m away from any structure



1:500 Block Plan

Section and Block Plan

18 St Peters Avenue, Witherley, Atherstone

Proposed 2no Storey Extension

Scale 1:50, 1;500,