ROOF PLAN

35 degree pitched roof trusses at 600mm centres manufactured, fixed and braced in accordance with BS5268 pt. 3 1985; 100x25mm softwood longitudinal, at node points, diagonal chevron and ceiling bracing.

100x75mm softwood wall plate secured to wall and restrained by 30x5mm galvanised mild steel anchor straps at 1800mm centres fixed to inner leaf of masonry with 6 No. masonry nails or screws.

30x5mm galvanised mild steel gable straps fixed to 3 No. trusses at rafter and ceiling line at 2000mm centres with 75x50mm blocking noggins/ packings.

50x38mm softwood partition head and plasterboard edge fixing noggins at 600mm centres.

1 sq.m. minimum water tank stillage to truss manufacturers details supported on 3 No. trusses minimum.

All tanks and pipework in roof void to be insulated.

Diminishing roof trusses to be manufactured, fixed and braced in accordance with BS5268 pt. 3 1985.

Main roof trusses to be supported on galvanised mild steel truss shoes on girder trusses to specialist manufacturers design.

225x25mm softwood fascia board, with 100mm square section uPVC gutter and 68mm rainwater down pipe to discharge in to gully.

175x25mm softwood barge board on 100x50mm softwood gable ladder fixed to last truss.

Roof valleys to be formed with 250x6mm plywood layboards on 50x50mm softwood noggins and roof trusses; GRP valley gutters with code 5 lead top and bottom sections as appropriate

Ventilation to roof to be provided by 10mm continuous eaves vent with insect mesh, or via proprietory soffit/fascia venting system.

100x38mm softwood head fix noggins at 400mm centres above all first floor partition walls

Party walls to be taken up to underside of the roof coverings and fire stopped with mineral wool quilt

550mm square roof void access hatch with insulated hatch door compressible seal and catch