Perimeter Walls
750mm wide
250mm deep
20KN Conc throughout footings at a min depth of 750mm to base of concrete and on ground type to be agreed on site with the building surveyor.

Roof Construction
See detailed drawings accompanying these notes. Generally preformed trusses or half trusses by specialist truss supplier. Fixing to manufacturers instructions. Calcs to be delivered to local authority as soon as supplier is known. Bracing and spacing to supplier's standard notes. See supplier's notes re handing and storage of trusses. Trusses or half trusses are at 600mm centres unless otherwise stated

Walls Below Finished External Ground Line
300mm thick in concrete block – to be agreed on site with the building surveyor

Finish Under Trusses
12.5mm plaster board and skim with foil backing and D.P.C to wet areas

External Walls
External leaf in facing brick, or stone as agreed with the planning officer. 25mm cavity with 40mm kingspan insulation and approved 104mm internal block. 9mm plaster finish in 2 layers.

Roof Finish
Tiles to match the existing roof and/or to the approval of the planners – see detailed drawings. Tilers laths on D.P.C on trusses or conventional rafters and pailings etc. 150mm insulation to roof space plus 100mm counter layer

Ground Floor and Subfloor
25mm timber or chipboard finish on 125 x 50mm joists at 400mm centres on D.P.C on inner leaf and sleeper walls, with 150mm insulation below and 150mm min air space to 100mm site concrete on 150mm hardcore. The top of the site concrete NOT below finished external ground level

Ventilation of Roof Space
Cross ventilation to be maintained by patent eaves slot at low sections of the roof with side vents etc in gables or side walls to maintain same flow of air

Air Grates
250 x 150mm air grates at 2m max. horizontal centres in material to match the wall finish

Joints With Existing Construction
Crocodile or similar connections to each leaf with cavity maintained where practical throughout

Windows and Glazing
Ventilation to all new windows with opening sizes 1/20 of the floor area of the room served as shown on elevations. Background ventilation of 8000mm glazing below 800mm and 1500 adjacent to doors will be in toughened glass

Partitioning (stud)
75 x 50mm studs at 400mm centres on sole plate (75 x 50) with noggins staggered at 600mm horizontal centres 9mm plasterboard and skim as finish with D.P.C to all wet areas (bathrooms kitchens etc)
Woodwool pugging to interfaces

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TYPICAL SECTION

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FOR ANTHONY WALES