DC PLAN

Roof: Conc tiles on 25 x 50 sw battens, counter battens & 'Tyvek Supro' breathable felt, trussed rafters @ 600 cls by specialist manufacturer to their design & detail (to be submitted to Local Authority prior to erection) & fixed including all bracings to BS 5268 part 3 100 glass fibre insulation between ceiling ties & 175 laid across, 12mm plasterbid & skim to ceiling, 100 x 75 wall plates strapped to walls 30 x 5 MS straps @ 1.5 cls engaging 4 no trusses & secured to gable wall.

Sloping ceiling to have 75 mm celotex TuffR 7M between rafters & tri-iso Super 10 stapled to W/s, 25 x 50 sw battens plasterbid & skim

Eaves: Upvc fascia & soffit, 100 section pvc gutter to match existing

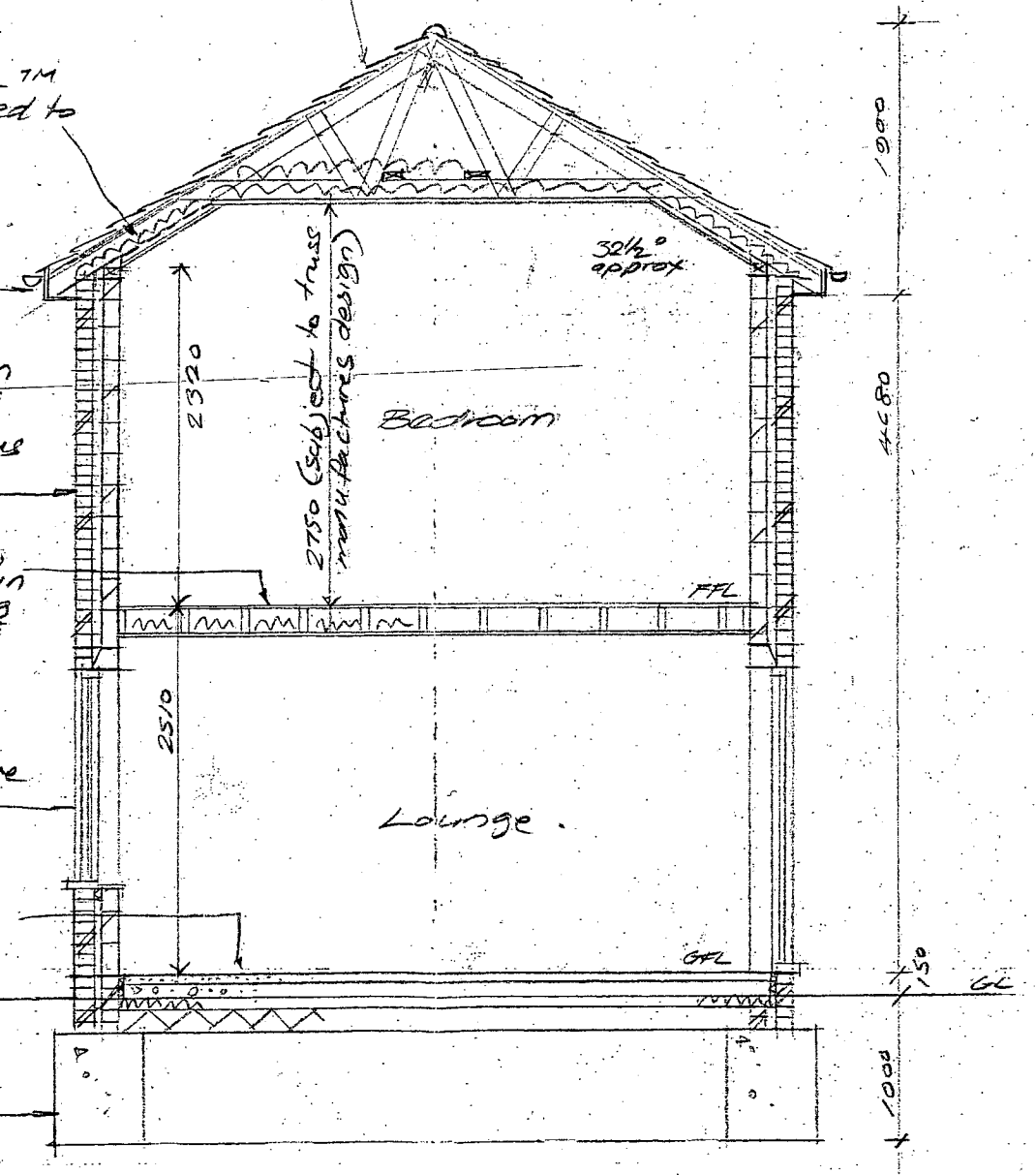
Walls: 100 facings to match existing, 65 cavity with built in dri-therm 32 insulation batts, 100 aircrete blocks, 12mm plasterbid & skim, SS wall ties @ 750 cls horizontally & 450 cls vertically (300 cls to reveals) all new cavities to be continuous with existing

First Floor: 22mm flooring grade chipbid (min mass/unit area 15 kg/m²) on joists as shown, 100 mm unfaced mineral wool between joists (min density 10 kg/m³) 12 mm plasterbid & skim ceiling 30 x 5 MS straps mid span engaging 4 no joists & secured to parallel walls; solid strut mid span

Doors & Windows: Upvc double glazed to acheive 1.6 W/m²k or better, trickle vents to head to give min 8000 mm² / room

Ground Floor: 50 sand/cement screed, 100 conc slab, vapour barrier, 80 mm Celotex Fast R TM with 20 mm T Break TM to slab edges, 1200 g polythene dpm continuously lapped to dpc on 150 wall consolided sand blinded hardcore

Mass conc footings, min 1000 deep below ex GL subject to ground conditions proximity of trees & invert level of adjacent drains



Section.

Martin S Dennis Architectural Technician 10 Wesley Close Sapcote LE9 4HY 01455 272275	Proposed 2 Storey Rear Extension 8 Robins Field Ratby LE6 0QP
Scale 1:50 date 8/4/11 dwg no M1234/5	For Miss S. Wright