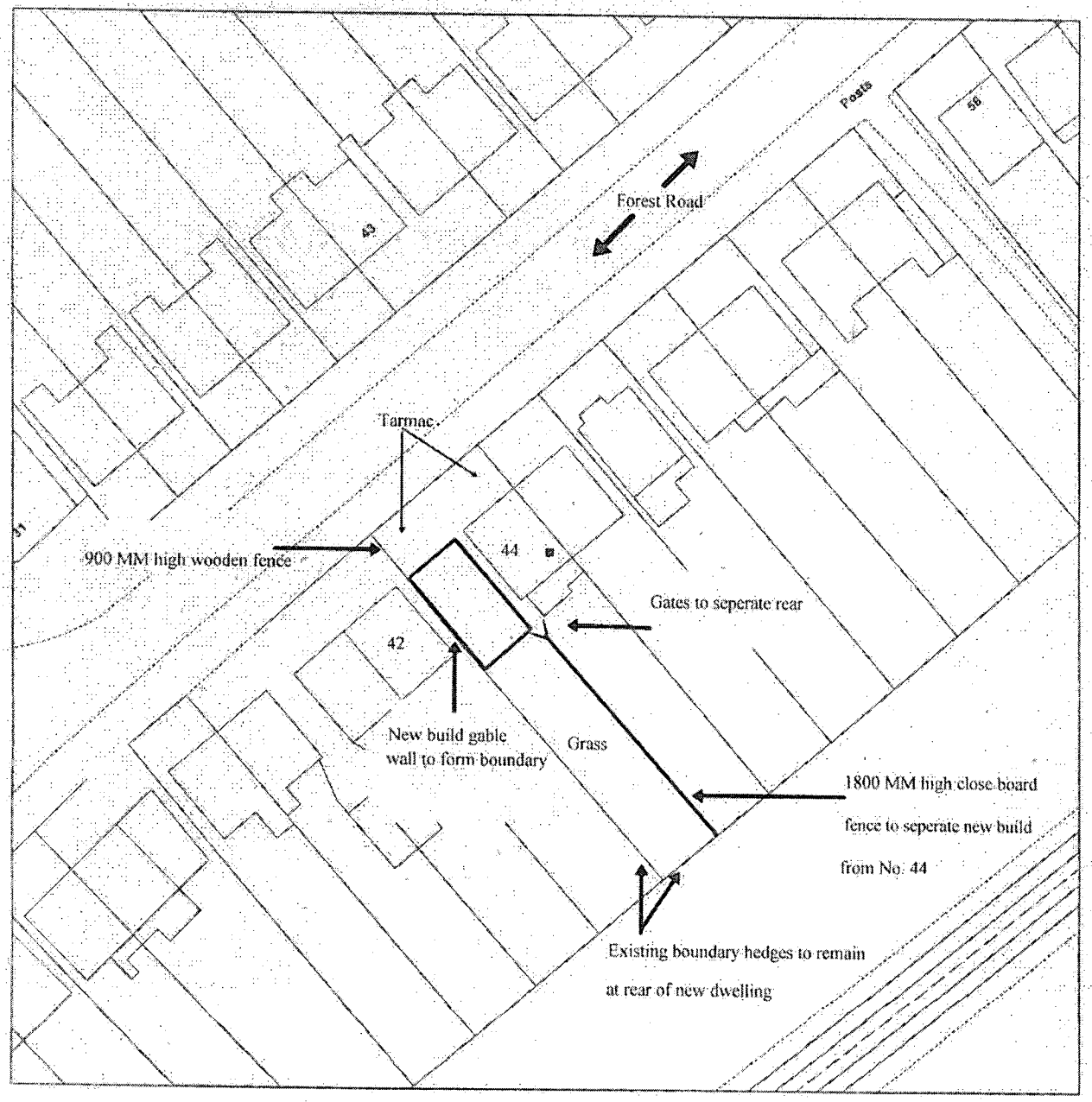
DISCENS

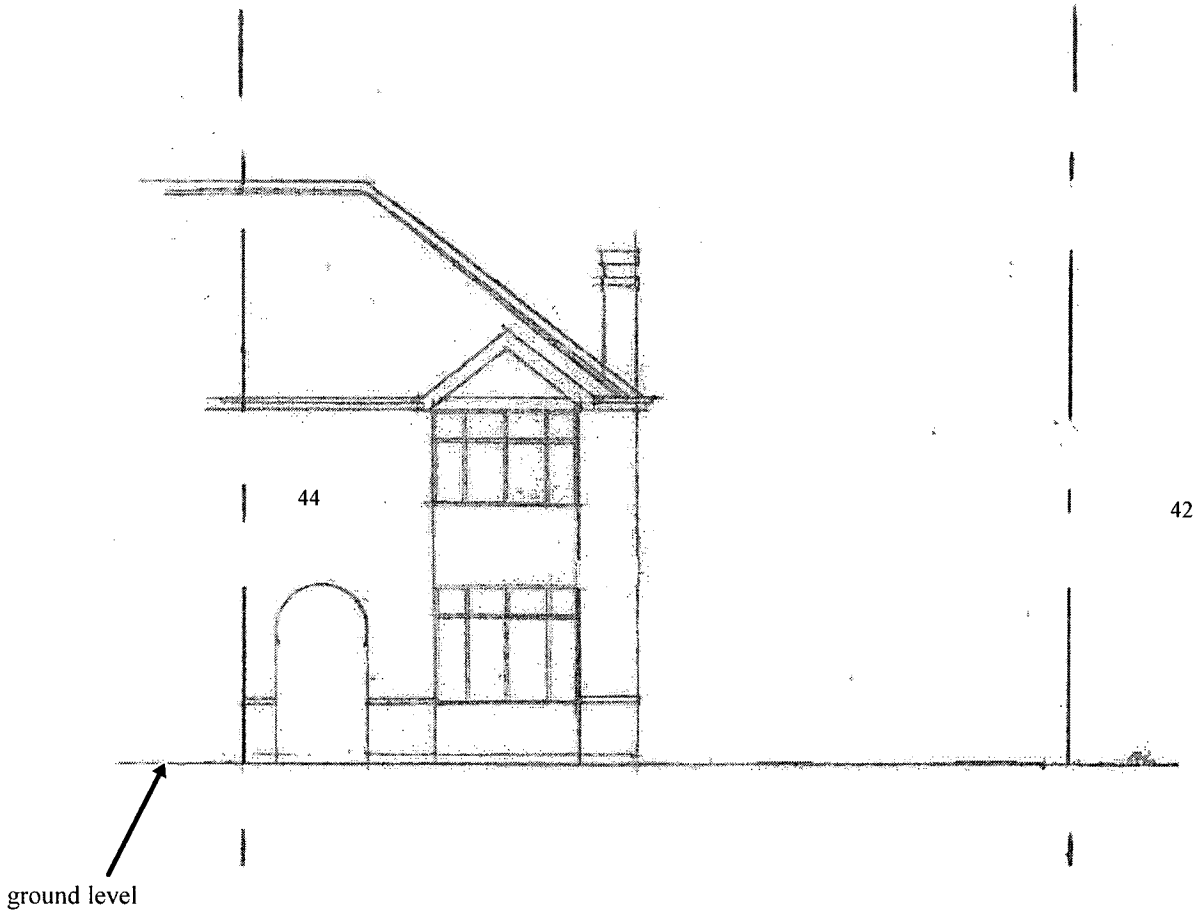
44 Forest Road, Hinckley

Block Plan Scheme for the treatment of the boundary



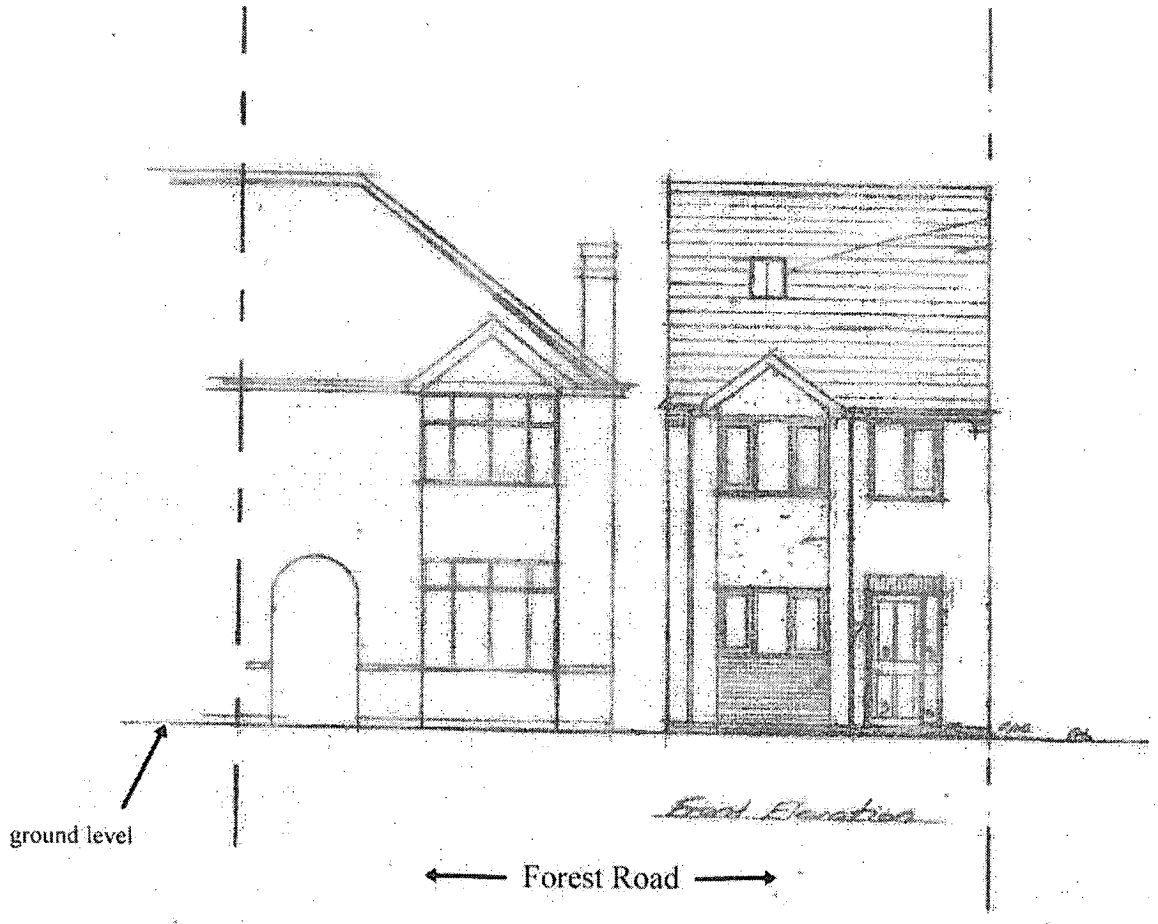
Scale : 1:500

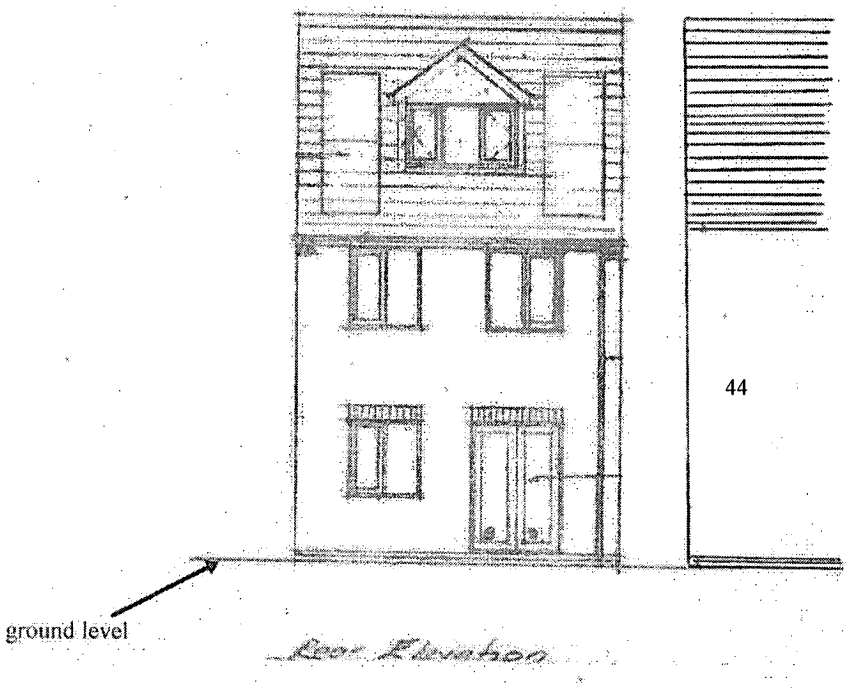
DISCONS



Existing ground level Scale 1:100

DISCONS





Proposed ground level Scale 1:100

DISCONS

Roof: Redland Mini Stonewold tiles on 25 x 50 SW battens, counter battens & Tyvek Supro breathable felt, attic truss rafters @ 600 cls by specialist manufacture to their design & details, to be supplied to Local Authority prior to construction, & fixed including all bracings to BS 5268: part 3, 100 mm glass fibre between ceiling ties & 200 laid across, 12 mm plasterb'd & skim ceiling, 100 x 75 timber wall plates strapped to walls, 30 x 5 MS straps @ 1.5 cls engaging 4 no trusses & secured to gable wall

Dormer Roof: tiles, battens & felt as main roof, 100 x 30 C16 rafters @ 400 cls 120 x 38 C16 ceiling joists @ 400 cls, insulation & ceiling as main roof, 150 x 38 ridge

Dormer Walls: 100 x 50 timber stud with 100 mm Celotex Tuff R™ between & 12 mm fixed across face internally, 12 mm plasterb'd & skim internally, 12 mm sheathing ply, vertical felt, chicken wire & 2 coat 20 mm render externally, new stud built of double truss each side.

sloping ceilings to have 100 mm celotex Tuff R™ between rafters leaving min 50 mm air gap over, staple Tri-Iso super 10 to U/S, fix 25 x 50 SW battens, plasterb'd & skim

Velux Conservation roof window ACS 3573H/C04 (550 x 980)

gable over window formed in 100 x 38 C16 rafters @ 400 cls, built of 225 38 valley boards laid across trusses 150 x 38 ridge

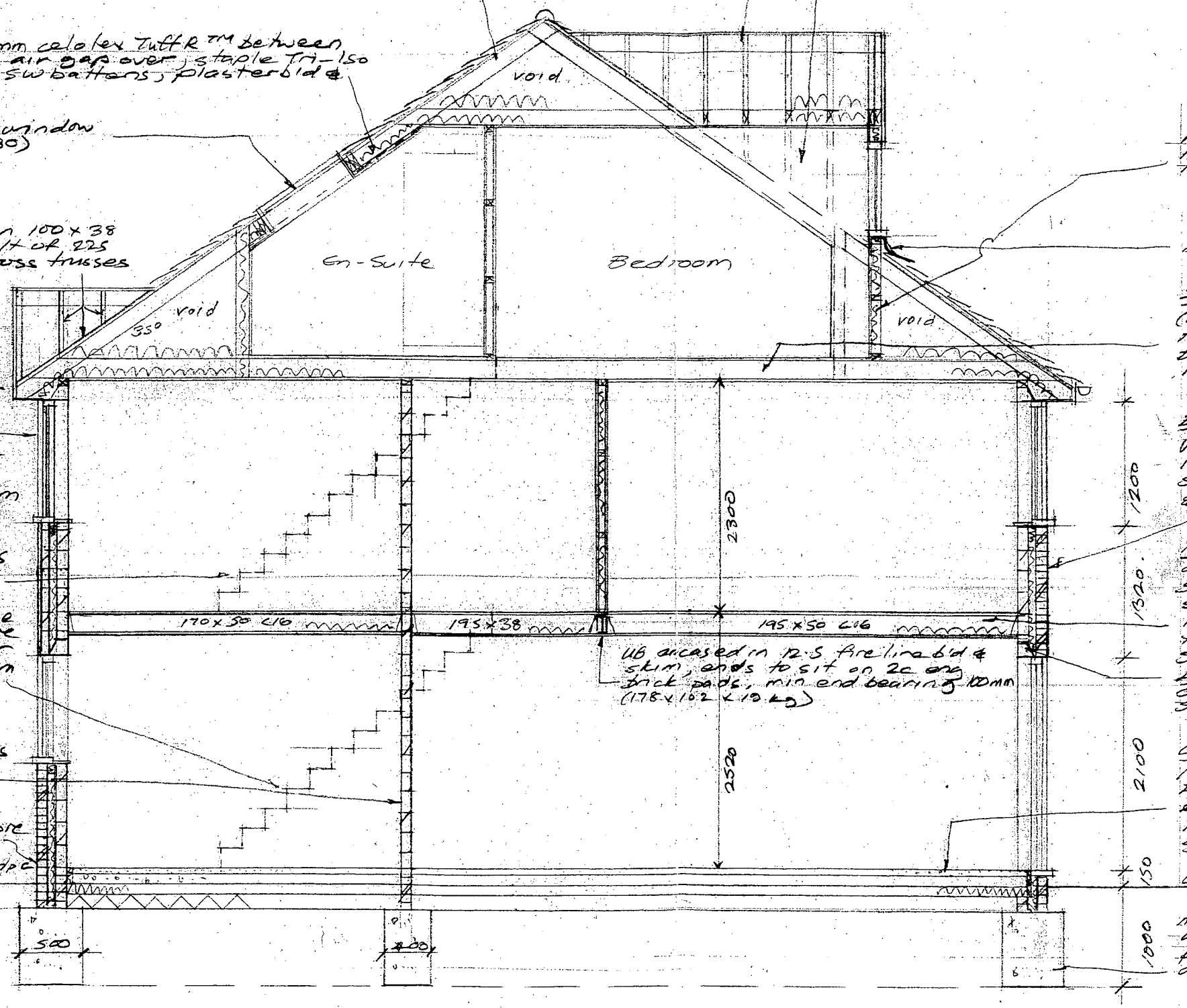
Eaves: Upvc soffit & fascias 100 sq section gutters, 63 □ pcv rwps

Doors & windows: upvc double glazed to acheive 1.6 W/m²k or better, incorporate trickle vents to head to min 8000 mm²/room

Stairs: 800 wide between strings 193.6 rise, 220 go, handrails 900 above pitch line, clear head ht 2000 above pitch line balustrading to F.F. 1050 above F.L., no opening in stairs or balustrading to exceed 99 mm

Internal block walls with 12 mm plasterb'd & skim both sides

Dpc: min 2c eng bricks & pvc to walls 150 above GL, dampcore to all openings in external walls



Walls to roof void 100 x 50 timber stud with 100 celotex Tuff R™ between & 12 mm Tuff R™ laid across internal face, plasterb'd & skim

lead flashing (code 4)

2nd Floor: 22 mm flooring grade chipb'd (min mass/unit area 15 kg/m²) on trussed rafter joist, 100 mm unfaced min wool between joists (min density 10 kg/m³) 12.5 mm fireline board & skim to U/S

External Walls: 100 facing bricks, 100 cavity with built in dri-therm 32 insulation batts, 100 aircrete blocks, 12 mm plasterb'd & skim, SS wall ties @ 750 cls horizontally & 450 cls vertically (300 cls to reveals)

First Floor: Chipb'd floor & insulation as 2nd Floor, C16 joists @ 400 cls as size shown on plan, 12 mm plasterb'd & skim ceiling, 30 x 5 MS straps @ 1.5 cls engaging 4 no. joists & secured to parallel walls, solid strut mid span.

Lintels: Catnic combined steel insulated cavity lintels to external walls, pre-stressed conc internally all to BS 5977.

Ground Floor: 50 sand/cement screed, 100 conc slab, vapour barrier, 100 celotex Fast R™ with 20 mm T Break™ to slab edges, 1200 g polythene dpm continuously linked to dpc on min 150 well consolidated 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 3 Bed Detached House Within the curtilage of 44 Forest Road Hinckley
Scale 1:50 date 4.5.11 M113513	For Mr. Hill