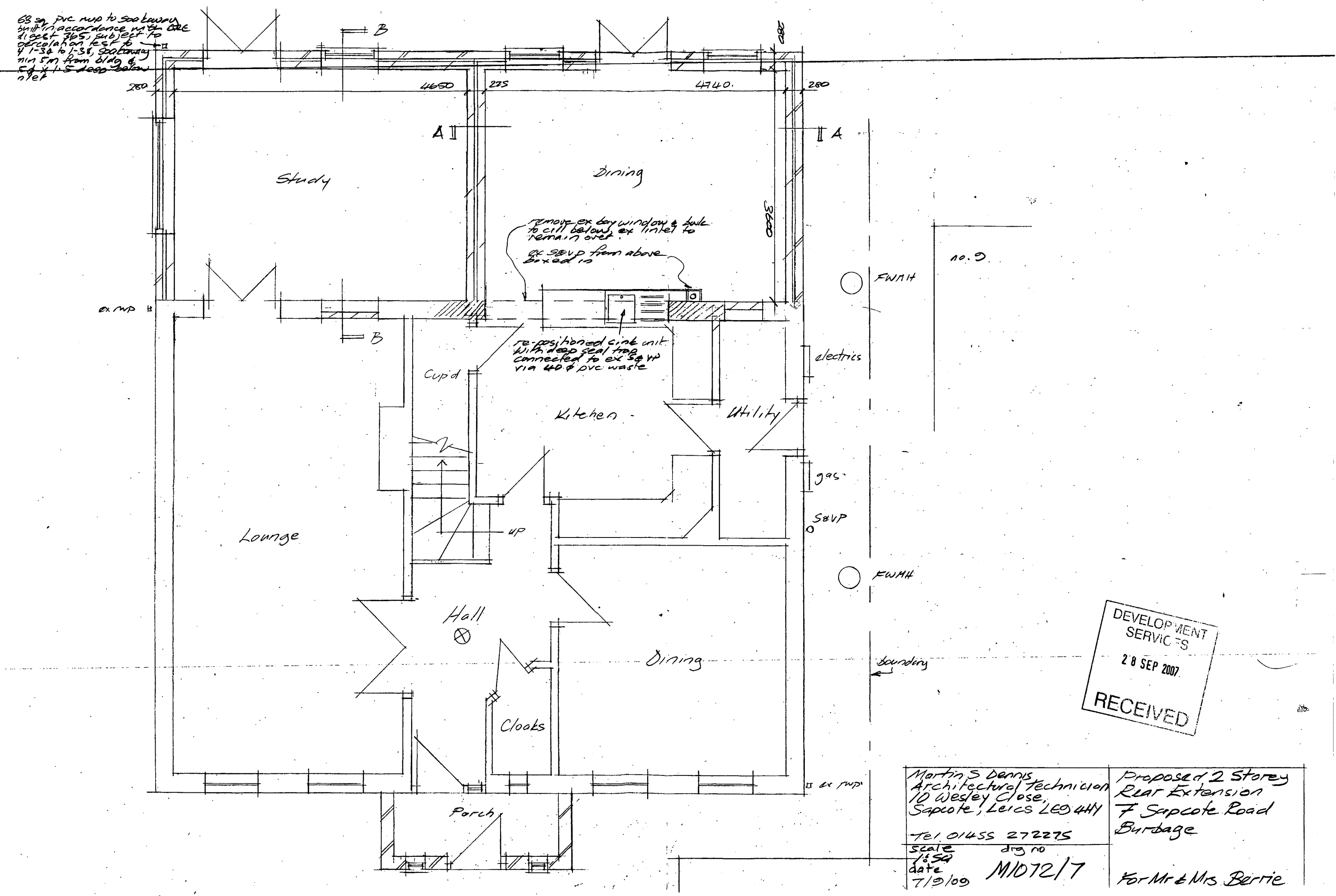


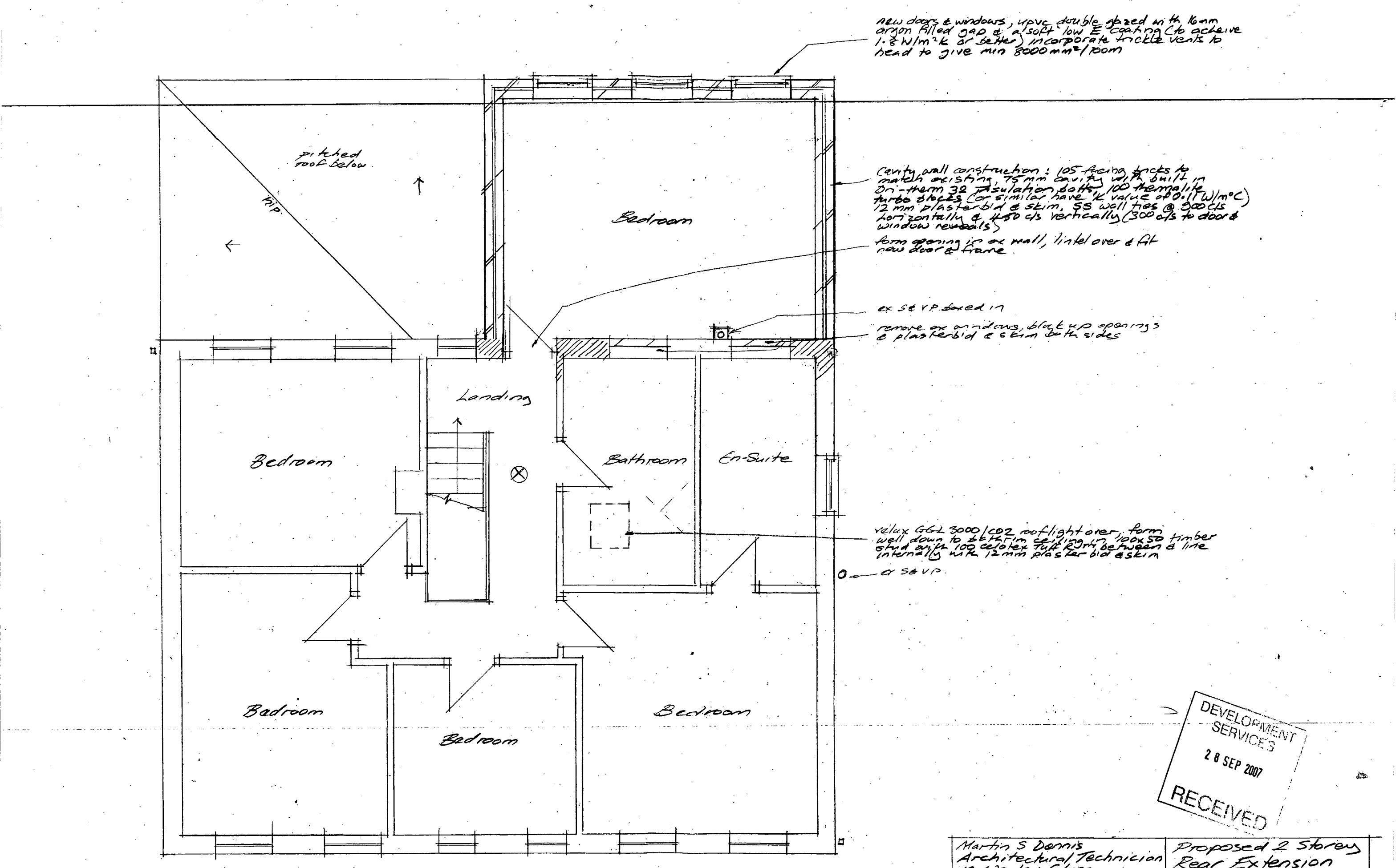
DEVELOPMENT SERVICES
28 SEP 2007
RECEIVED

Martin S Dennis
Architectural Technician
10 Wesley Close,
Sapcote, Leics LE9 4HY
Tel 01455 272275

scale 1:50
date 7/9/09
drg no M1072/7

Proposed 2 Storey Rear Extension
7 Sapcote Road
Burbage

For Mr & Mrs Berrie



Proposed First Floor

DEVELOPMENT SERVICES
28 SEP 2007
RECEIVED

Martin S Dennis
Architectural Technician
10 Wesley Close,
Sapcote, Leics LE9 4HY
Tel 01455 272275

Proposed 2 Storey Rear Extension
7 Sapcote Road
Burbage

scale 1:50
date 7/9/09
drg no. M1072/8

For Mr & Mrs Berrie

Notes

Electrical: to 'part P' (electrical safety) to be designed, installed, inspected & tested by a competent person, prior to completion the council must be satisfied Part P has been complied with & a BS 7671 certificate must be issued for the work signed for by a competent person.

Mechanical Ventilation: to new kitchen to give 60 Litres/sec air change, to altered bathroom & en-suite 15 Litres/sec

Heating: all new rads fitted with thermostatic valves, fed off ex boilers.

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

DPC: 22 eng bricks & pvc to walls min 150 above GL & dampcore to all openings in cavity walls

All work to local authority requirements, current British Standards & Codes of Practice

All dimensions to be checked on site

All materials to be used/fixed strictly in accordance with manufacturers instructions

All services to be located/verified on site by contractor

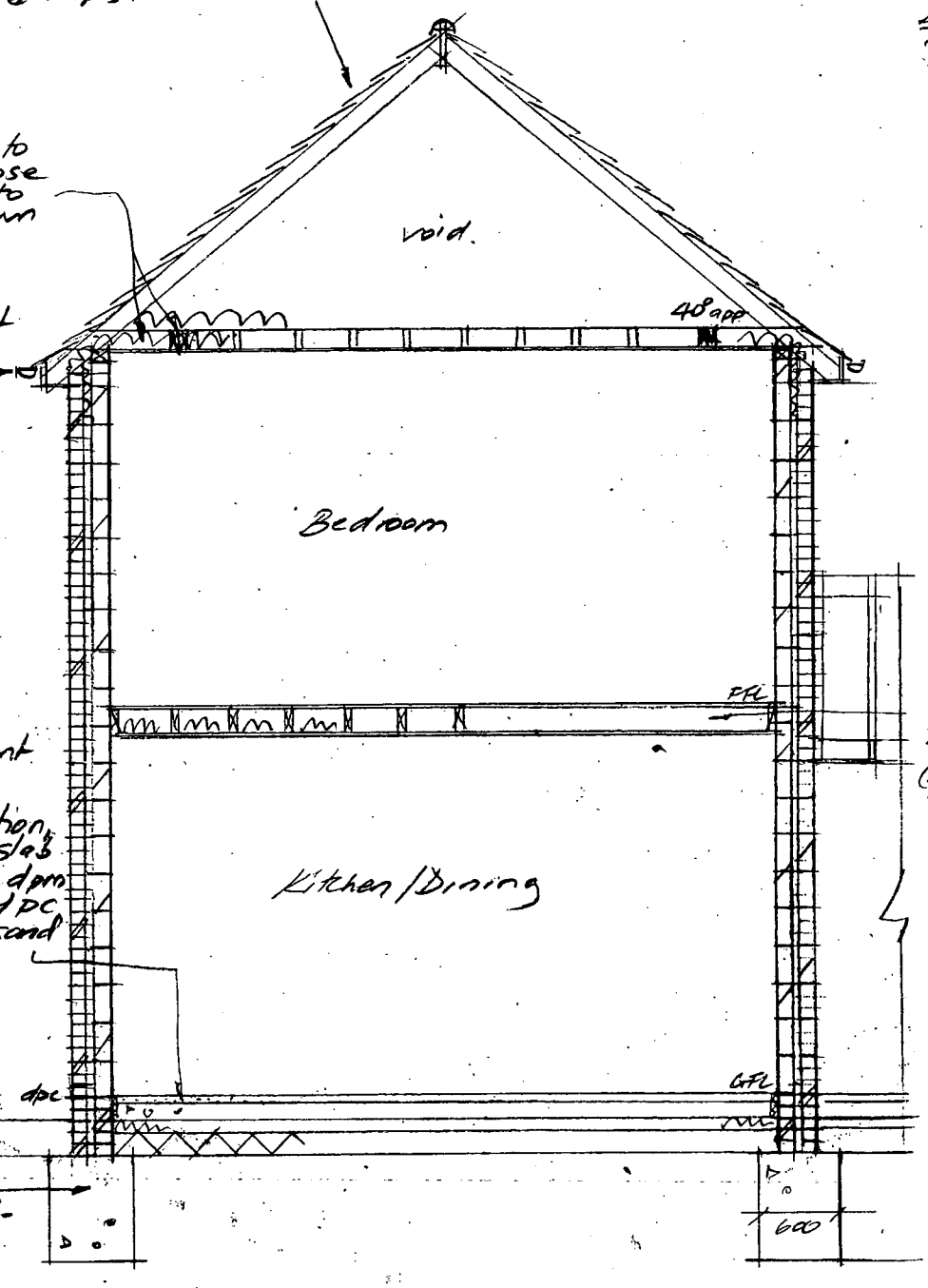
⊗ = smoke alarms self contained & interlinked to BS 5839-6:2004

Robust Construction details to be adopted (TSO: 2001) no thermal bridging of cavities, doors & windows to be draught sealed. ex bathroom mechanical ventilation linked to light switch with 15 min over-run.

Roof: Redland min. stonewold on 25×50 SW battens, counter battens & Tyvek Supro breathable felt 150×38 C16 rafters @ 400 c/s & 170×47 C16 ceiling joists @ 400 c/s, 100 glass fibre between & 175 laid across, 12mm plasterb'd & skim ceiling, solid strut joists mid span, 100×75 wall plates strapped to walls, 175×38 ridge & hips.

170×47 ceiling joists @ 90° to main joists securing loose rafter feet & secured to double ceiling joist as shown

Eaves: UPVC fascia & soffit 100 section pvc gutters to match existing & connected to same



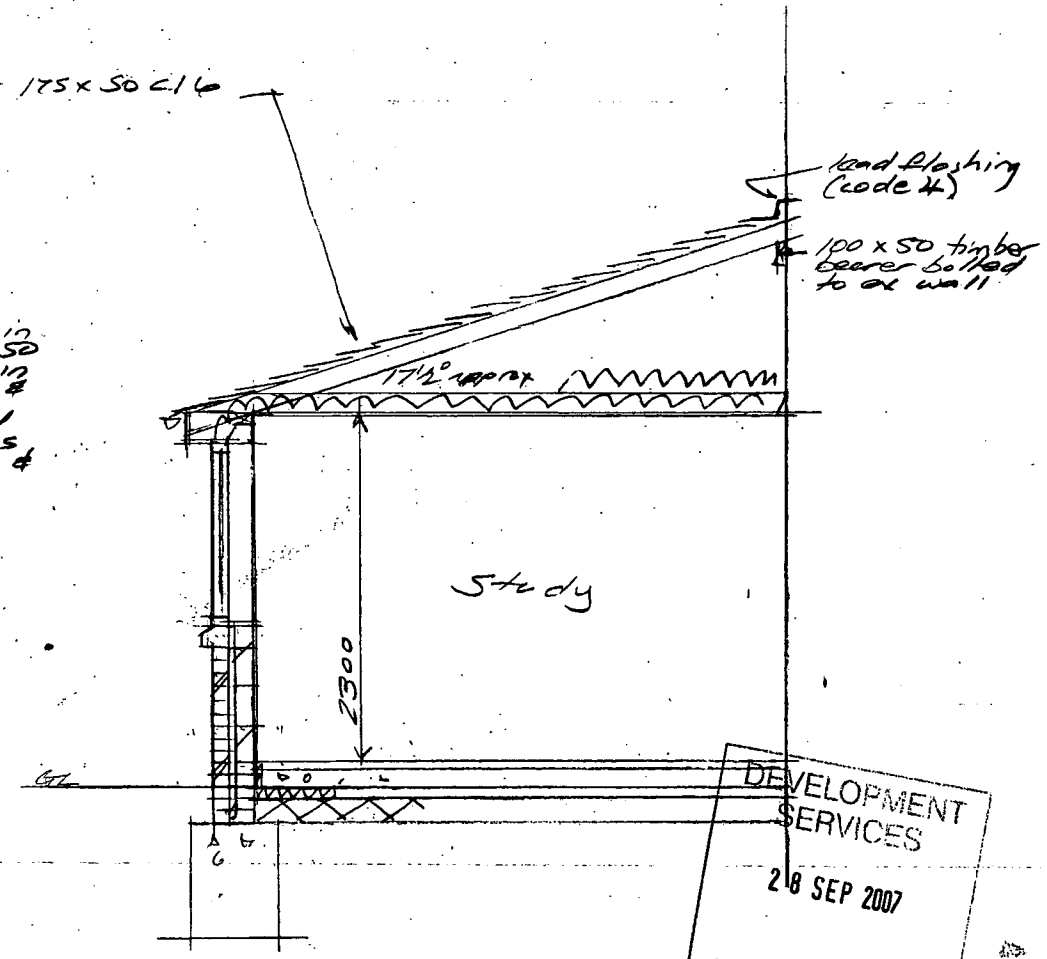
Ground Floor: 50 sand/cement screed on 100 conc slab, vapour barrier & 80mm celotex Fost E TM insulation, 20 celotex T Break TM to slab edge, 1200 g polythene dpm continuously linked to dpc, 150 well consolidated sand blinded hardcore

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

Section AA

First Floor: flooring grade chipbd (min mass/unit area 15kg/m²) on 170×50 C16 joists @ 400 c/s, 100 unfaced grn wool between (min density 10 kg/m³) & 12mm plaster bd & skim to 4/5 (min mass/unit area 10 kg/m²) solid strut mid span, 30×5 HS straps mid span engaging 4 no joists & secured to parallel walk

Lean-to roof: as main roof but 175×50 C16 rafters @ 400 c/s



Section BB

DEVELOPMENT SERVICES
28 SEP 2007
RECEIVED

Martin S Dennis
Architectural Technician
10 Wesley Close
Sapcote, Leics. LE9 4HY
Tel 01455 272275

scale 1:50
date 10/9/07
drg no M1072/9

Proposed 2 Storey Rear Extension
7 Sapcote Road
Burbage

For Mr & Mrs Berrie