

garage
L = light?
REV C
6/6/07

REV 06/06/2007

The location of
"mammoth" 3,
See plan
"UPPER MAMM SKETCH"
FF 06/06/2007
REV "C" IN
TN Bed "4"

Approximate position in
various rooms compared
for center

Approx position
BATHROOM
FLOOR LEVEL

SUSPENDED TIMBER FIRST FLOOR
All joists to be 50 x 225mm C24, facalith treated
joists @ Max. 4.00m ctrs. Built out to projection
joist hangers built-in as work proceeds unless
stated otherwise.

First floor decking to comprise 22mm grade C4
Gyproc waterproof chipboard decking.
Proprietary herringbone strutting to be provided
at 1/4 span spacing.

Understore of joists to be lined with 12.5mm
Gyproc Wallboard/FEN plasterboard
All joists to be fapex/skimmed and sealed
accordingly and finished with British Gypsum
Multifinish plaster.

Minimum 150mm Rockwool Roll insulation
between floor joists all in accordance with
Approved Document E Building Regulations 2004.

GARAGE FLOOR
150mm Grade C30 concrete floor/slab with 1 layer A252 mesh reinforcement (min 50mm cover). Concrete slab to be laid on 1200 gauge Visqueen DPM on 50mm sand blinding on hardcore. DPM to be lapped with HyWad DPC at perimeter walls.
Note: Floor/slab to be to set minimum 40mm below finished floor level of main building, in accordance with Building Regulations.

Garage wall
Route from SW corner for DTH / C.W.
Supply + UFF

New 600x250mm dp C35/20 strip footings taken down to adequate loadbearing strata. Foundations to incorporate steps in accordance with Building Regulations. NOTE: 7000x700x400mm dp. concrete pad foundations to piers.

UNDERFLOOR HEATING:
EXISTING BUILDING WITH UNDER-
FLOOR HEATING. (0.22W/m²K)
Solid concrete floor to be;
75mm concrete/cement screed incor-
porating Fibromesh reinforcement and in-
terfloor heating pipes.
On grade BIF building paper (or
Visqueen) to protect insulation
on 75mm thick Kingspan Thermal
insulation to provide an U-Value
(minimum 0.22W/m²K)
On 125mm thick 30 concrete floor
Structural Engineers' requirement
On 200 gauge Visqueen DPM
On 50 mm sand blinding
On compacted sub-base (minimum
compacted every 100mm Visqueen
sealed to existing solid masonry
poly-sulphide sealant.
25mm insulation to be taken up
perimeter of floor slab/joints

SECTION C-C

ROOF CONSTRUCTION
At a pitch as shown on sections lay new Natural slate on 44 x 32mm
finished softwood battens. Provide blue/black ridge tiles to match slate
securely fixed in accordance with manufacturers' recommendations.
Battens fixed by 3.35mm (12 1/2") annular ringed shank nails through roofing
felt.

