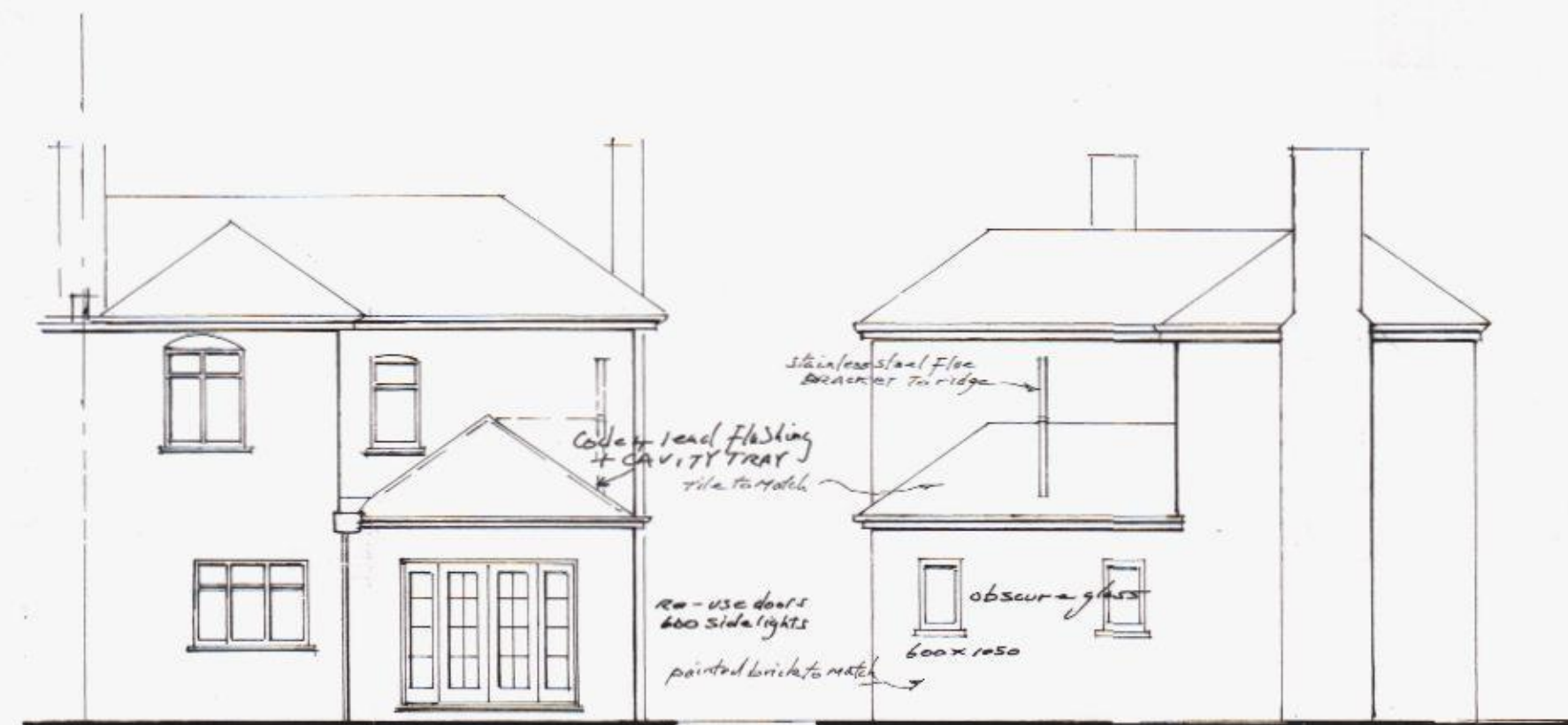
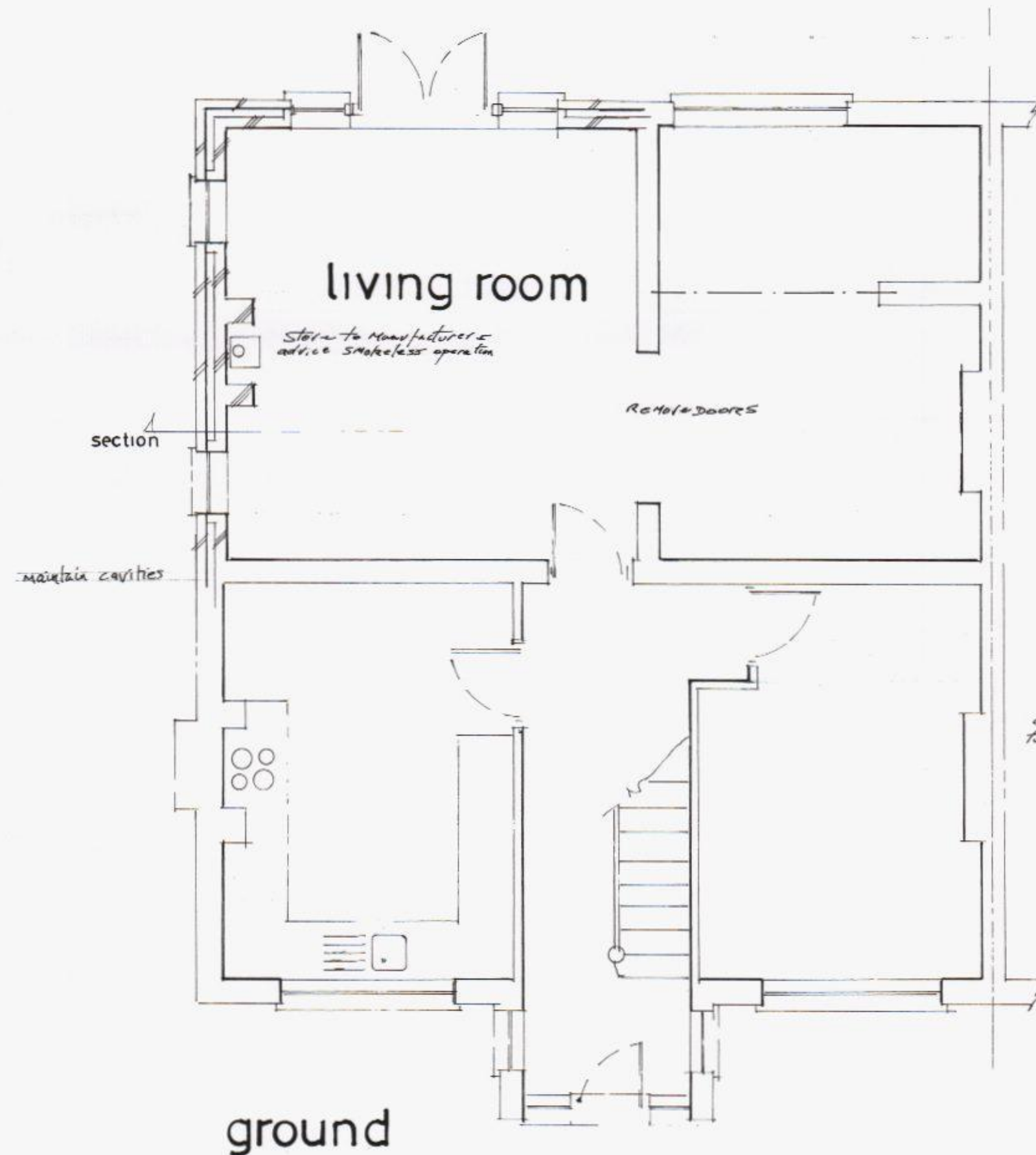




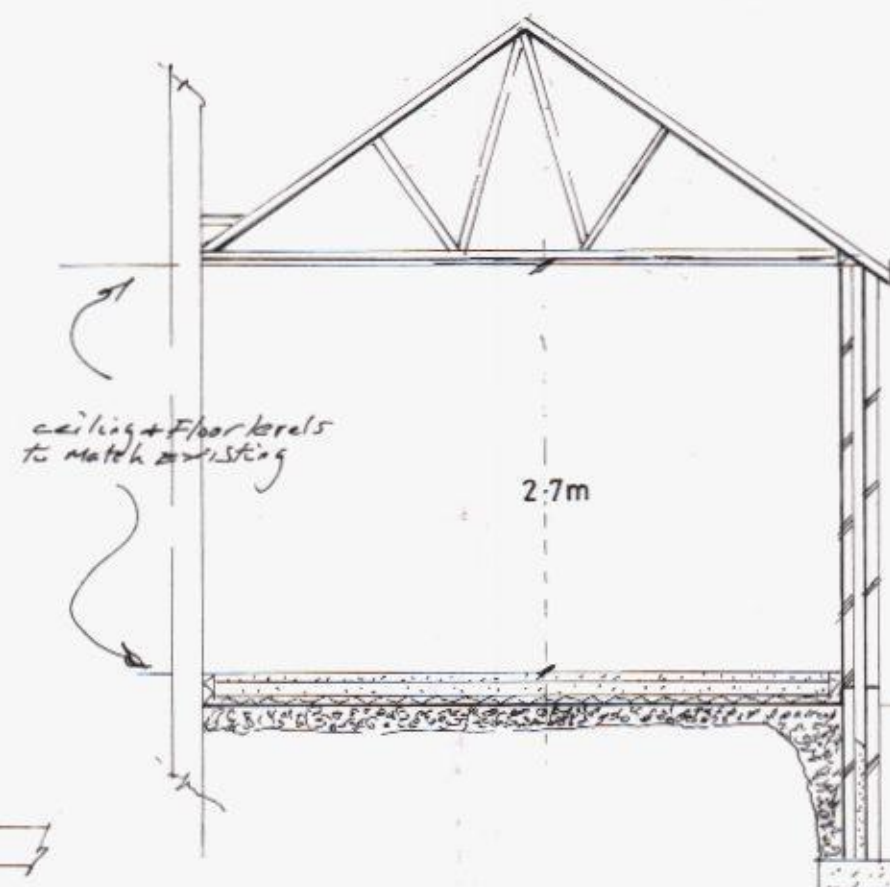
rear

south

1/100



ground



section

Roof

Concrete tiles to match @ 35degree pitch gauge to manufacturers recommendations on 25 x 37 treated battens and breathable felt. On factory made prefabricated trusses @ 600centres; insulate 300mm Rockwool between/ over joists. Box gutter 20mm softwood boarding, slip paper, code 5 lead tray turned up min 300mm to tiles and 150 to wall max length 1.5m fall 1:80 to hopper. Underline with 12.5mm plasterboard plain skimmed finish to underside. Mild steel straps 30 x 5mm to abutments @ 1m intervals. Cavity tray to main wall.

Surface water drainage

100 gutters and 75 downpipes to trapped gulley and 100mm underground drainage pipes laid to 1:40 fall to soakaway 5m from building to BS6367.

Walls min u value 0.3w/m2

Outer leaf painted common brick to match bonded with furfix to main structure inner leaf 100 thermolite block; 100mm cavity with 50 Celotex fixed to inner leaf tied by stainless steel ties 450 vert 750 horizontally.

To provide max U value 0.28W/M2K

Insulated catnic lintel to openings, weep holes over.

Vert insulated dpc at cavity closures; plastic dpc 150 above ground mated to floor dpc; 30 min fire resistance to cavity closures lean mix cavity fill 225 below dpc.

Inside face rendered and lightweight plaster set with 150mm skirting to match existing.

Restraint ties at 1.2m intervals.

Joints to vertical bond to be filled with 12mm compressible material and pointed with mastic.

Cavity closures at roof detail.

Polysulphide mastic sealant to expansion joint

Floor

65 reinforced screed on 100 1:2:4 conc slab on 100mm Celotex turned up wall on 1200 gauge polythene DPM mated to dpc on 25 blinding sand on 150 rejects excavating veg soil.

To provide max U value 0.22W/M2K

Floor mesh A393 where floor carried over existing slab.

Foundations

1:2:4 conc trench fill min 650 wide depth min 1metre to suit site and to LA approval.

Ventilation

1/10 floor area opening vent and 8000mm2 trickle vent.

To BS5720

Heating

Extend existing heating system with thermostatic valves; sedbuck rating min 98%.

Windows

Upvc double glazed 4:16:4 to be installed by FENSA contractor. Openable area 1/20 floor area; New windows to achieve 1.6 W/m2k. Safety glazing to be used in critical locations: to BS6206. Pilkington k glass or Argon filled

Wiring

To be installed by NICE registered contractor and tested in accordance with BS7671:2001; installation cert to be produced to LA and client. Sockets 450 off ground; low energy lighting.

Note:
All dimensions must be checked on site
and not scaled from this drawing.

HAVANT BOROUGH
COUNCIL
12 FEB 2013
RECEIVED

A	Date	Revision

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Client

C & J Smith

Job Title

11 London Road
Cowplain
PO8 8DE

Drawing Title

proposed

Scale 1/50

Date Drawn by

Drg. No. Rev.