

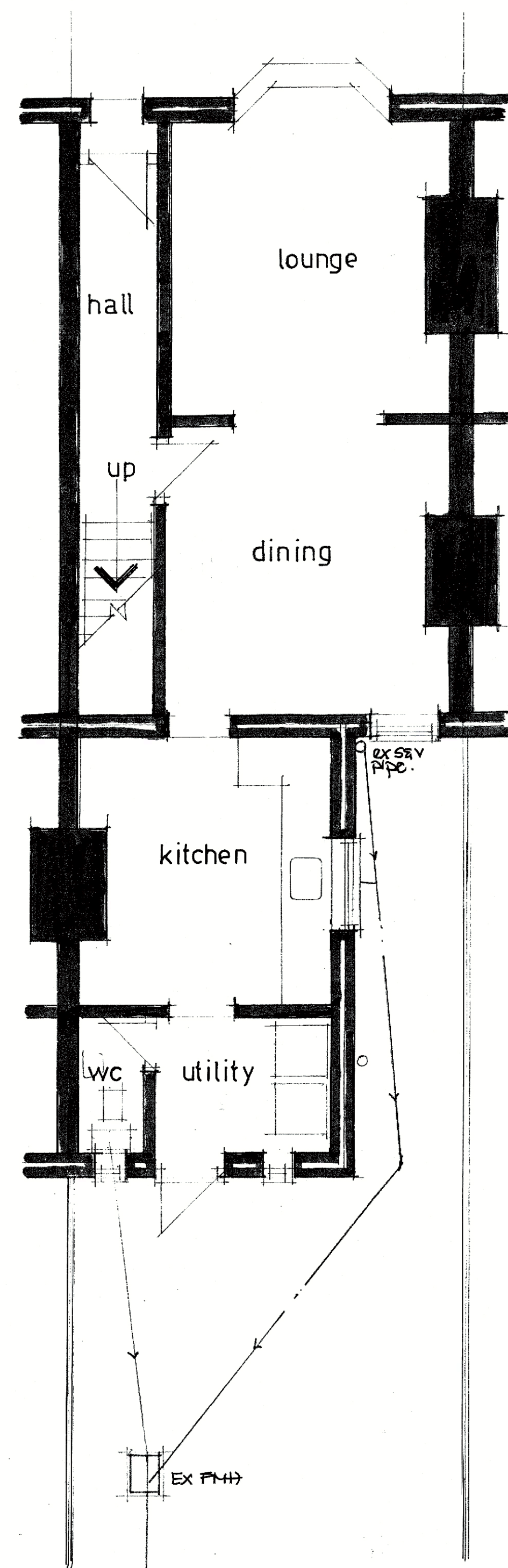
rear elevation

side elevation

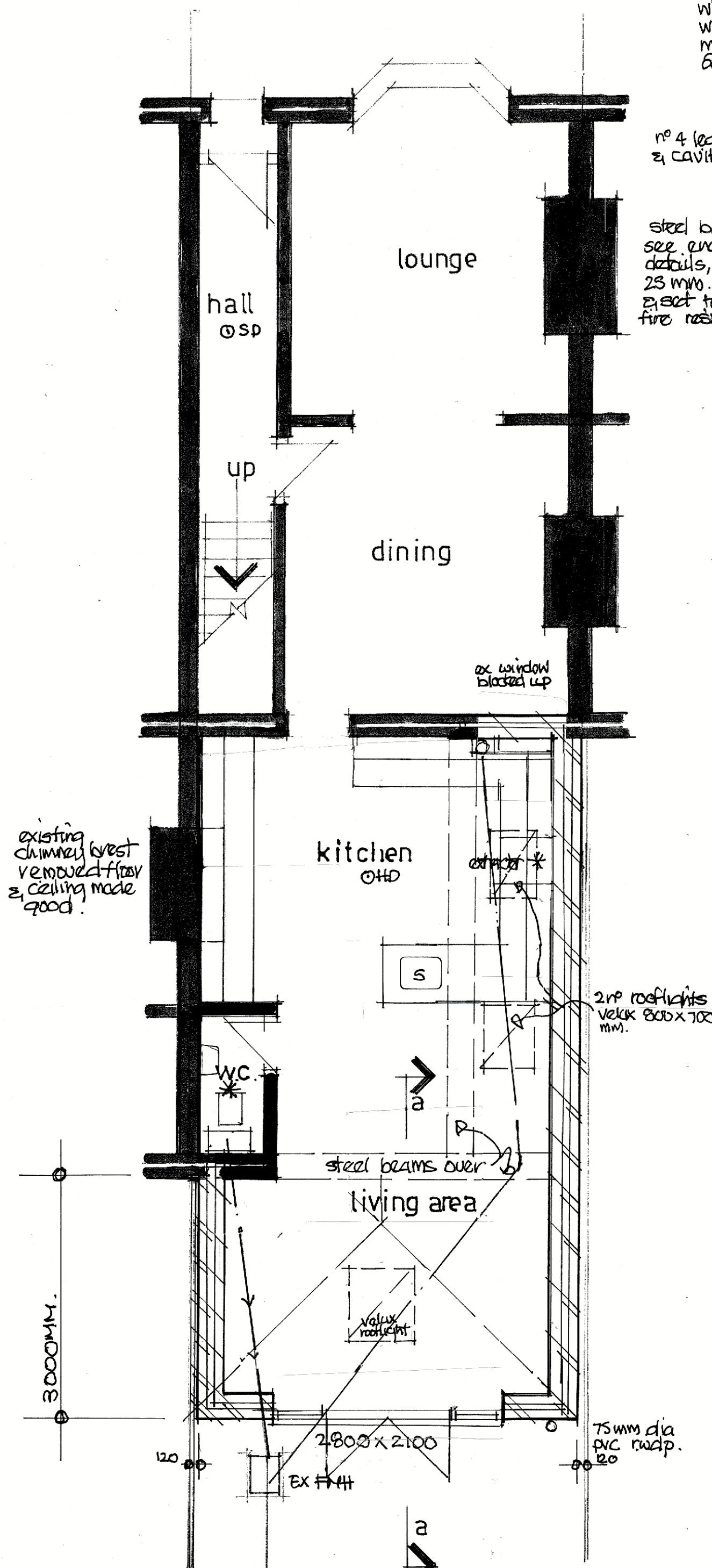
proposed rear elevation

proposed side elevation

proposed side elevation



ground floor plan - existing



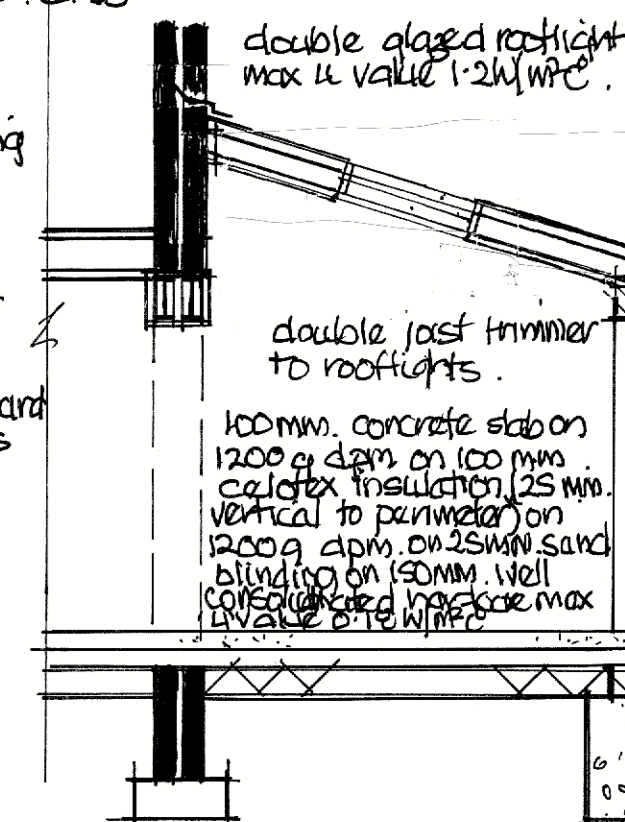
proposed ground floor plan

where joists run parallel with external walls lateral restraint straps covering min 3x joists turned down into cavity @ 1600mm c/c's

#4 lead flashing & cavity tray

steel beams over 2x eng. joists, encased in 25mm plasterboard sheet to give bins fire resistance.

section a-a



concrete tiles to match existing on sdx 25mm SW battens on breathable membrane 150x350mm SW rafters @ 400mm c/c's 100mm Celotex insulation between joists overboarded with 30mm Celotex 12mm plasterboard skim coated pitch 10° max U value 0.15 W/m².K

100mm facing brickwork to match existing 100mm cavity 100mm Celotex cavity insulation 100mm insulation blockwork is min plastered finish max U value 0.18 W/m².K

2800x2100mm double glazed doors, catnic lint, dpm insulated dpc to jambs max U value 1.2 W/m².K toughened glass.

Hyload dpc min 150mm above ground level

600mm wide trenchfill foundations to L1, approx depth actual size & depth determined by site ground conditions

stainless steel cavity wall ties at 700 & 450mm c/c's



site plan 1:500

Electrical - All electrical work to be carried out by a competent person, designed, installed & tested, certificate of compliance produced on completion to BS 7671 2018 Part 16. All sockets & switches sited between 450 & 1200mm of finished floor level. All new light fittings to be low energy type.

SD & Detectors - All smoke & heat detectors to be mains operated with battery back all units interconnected to BS 5839 part 6 2004.

*** Mechanical** - cooker hood extraction to kitchen min extraction rate 30 litres/sec, ceiling fans to bathrooms min extraction rate 15 litres/sec linked to light switch with 15min overrun.

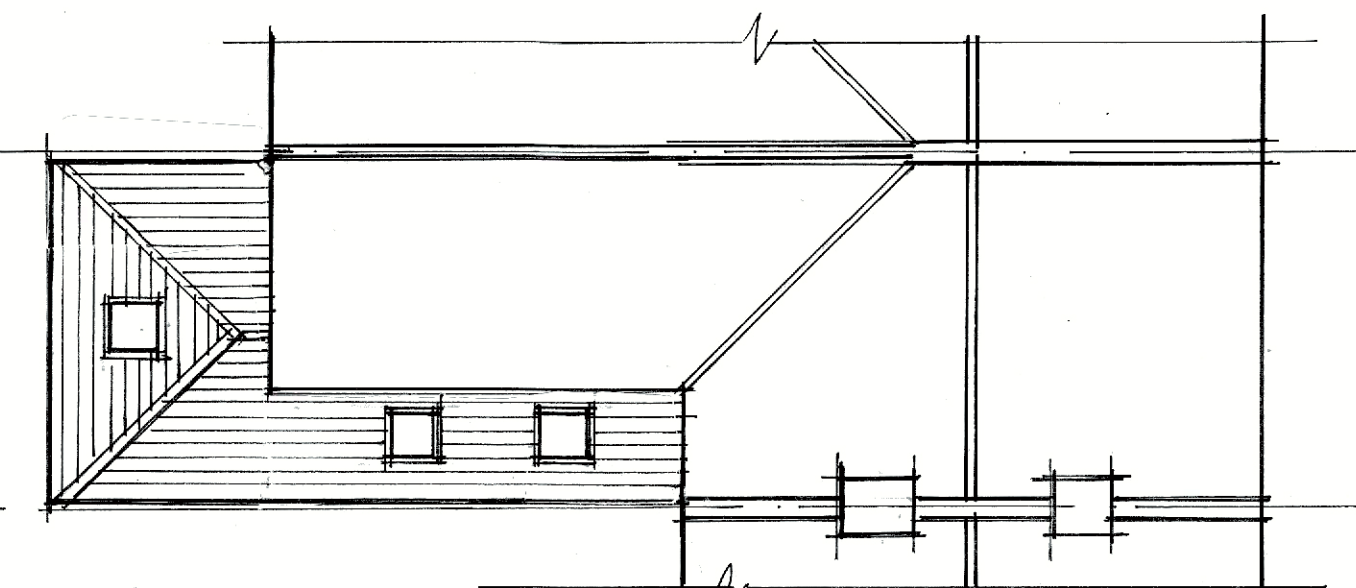
Bathroom - 50mm dia PVC waste to bath, showers & kitchen sinks 38mm dia PVC waste to handbasins all with 75mm deep seal traps to discharge into 100mm dia PVC soil & vent pipe all to BS 8301.

Below ground - 100mm dia PVC foul drains enclosed in 150mm pea shingle min fall 1:40 concrete lintels over where drains pass through walls all to BS 8301.

Heating - Gas fired boiler, SUBDUK rating A existing for supply of space heating & hot water needs, separate zone controls, thermostatic radiator valves, gas certificate provided on completion all to BS 6858.

Stormwater - To discharge into existing stormwater system or 100mm dia PVC stormwater drain to discharge into soakaways min 5m from any buildings, min size of soakaway LWP subject to percolation test.

Windows & doors - double glazed windows catnic cougair lintels over all openings insulated dpc to jambs opening lights equal to 120th floor area shingle vent to head equal to 800mm habitable room measure of escape windows min clear opening size 450 x 500mm max U value 1.2 W/m².K



roof plan 1:100

B) roof alteration
A) clients amendments

5/10/22
12/7/22

Drawing title

Proposed rear extension at #43
Chamberlayne Road, Eastleigh,
Hants, SO50 5JN

Scale

1:50 1:100 @ A1

Date

June 22

Drawn by

David Windsor

Drawing no.

CR.001

Rev

8