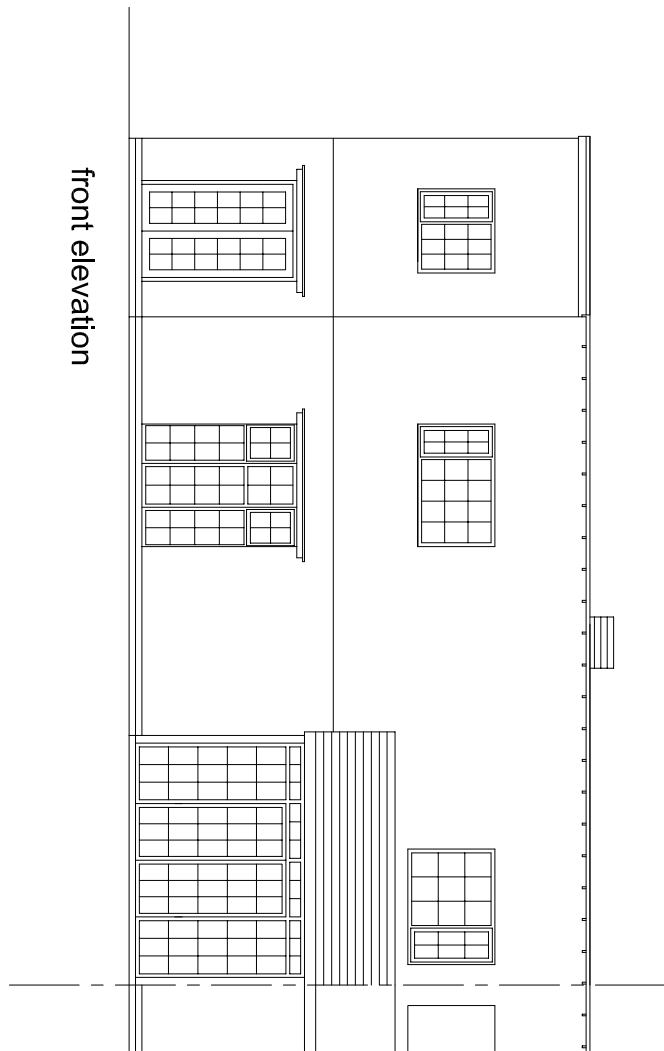


EXISTING



EXISTING CONSERVATORY
Take down existing conservatory and remove floor slab before proposed extension work begins.

GROUND FLOOR
Excavate to required depth and lay the following
50mm s/c screed on 150mm concrete floor on
500 gauge polythene vapour barrier on
70mm Kingspan Kooltherm insulation boards on
2000 gauge wisaqueen d.p.m. on minimum 50mm sand blinding
or crusher run hardcore
Lay d.p.m. and insulation up at junctions with internal and
external walls to provide a minimum 150mm
lap all joints in d.p.m. minimum 150mm
U/ Value of floor to be 0.22 W/m²K to comply with
Part L1 of the Building Regulations

WALLS TO PROPOSED EXTENSIONS
For proposed extension excavate to at least existing foundation
level or as agreed with L.A. Building Control Officer to suitable
loadbearing strata

Lay 500x200mm concrete strip foundations & construct new
external walls to proposed extensions to comprise

external leaf
100mm Thermablue Turbo loadbearing blockwork and
200mm white render finish with brickwork courses at external
ground level to match existing.

cavity
75mm cavity partially filled with 40mm Kingspan Kooltherm
K108

Cavity insulation
100mm Thermablue Turbo loadbearing thermal blockwork

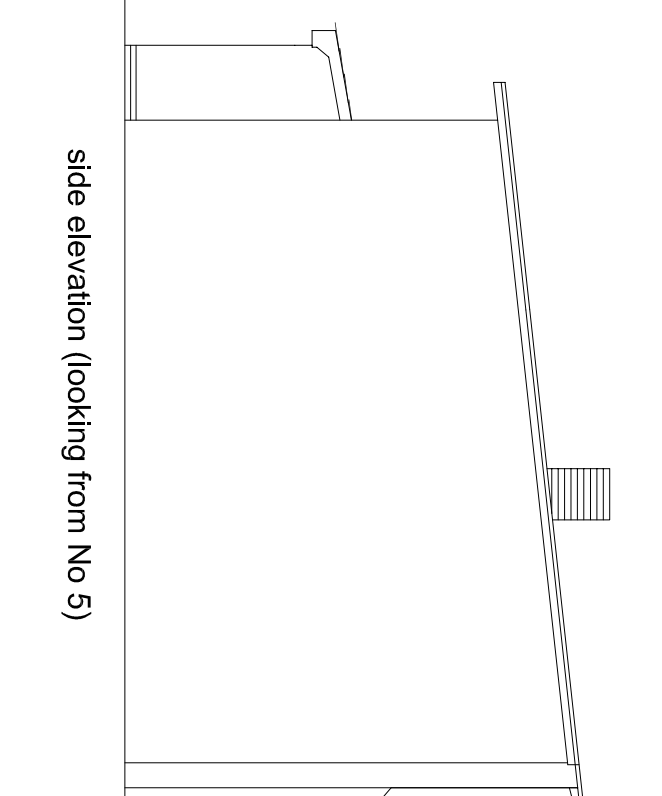
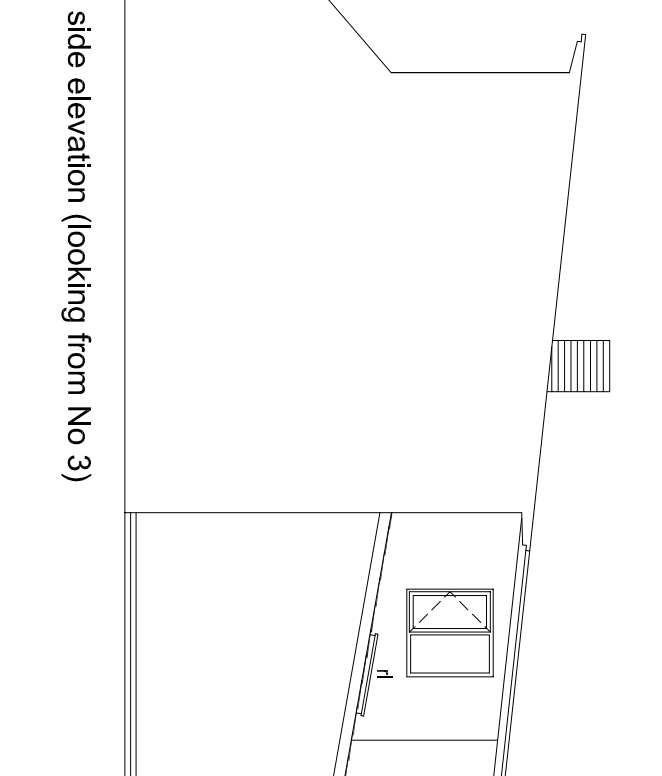
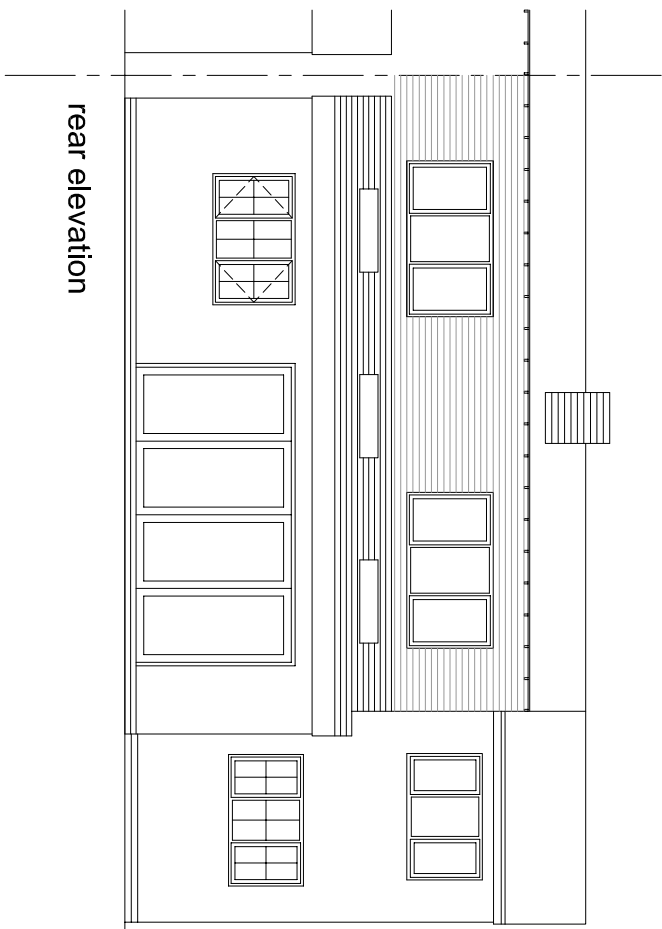
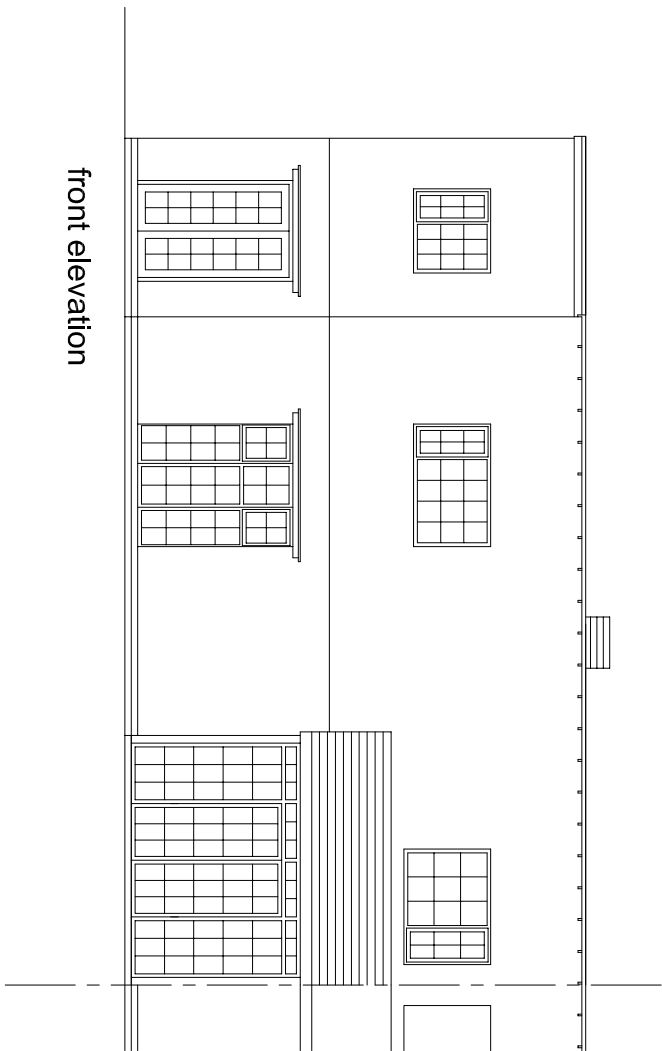
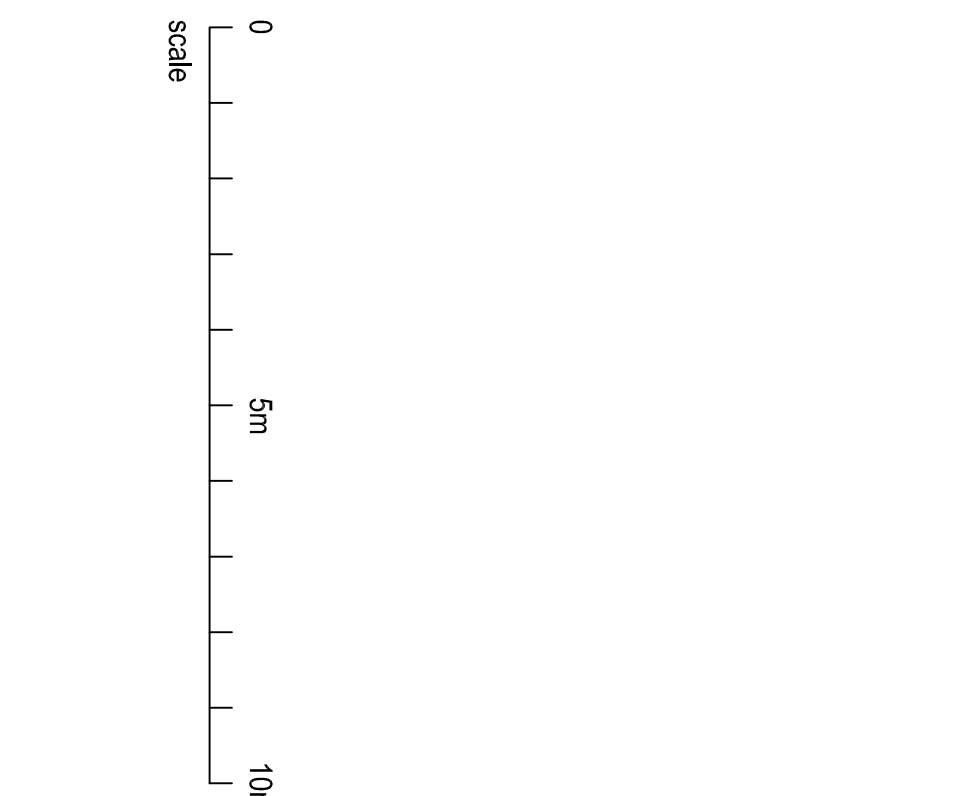
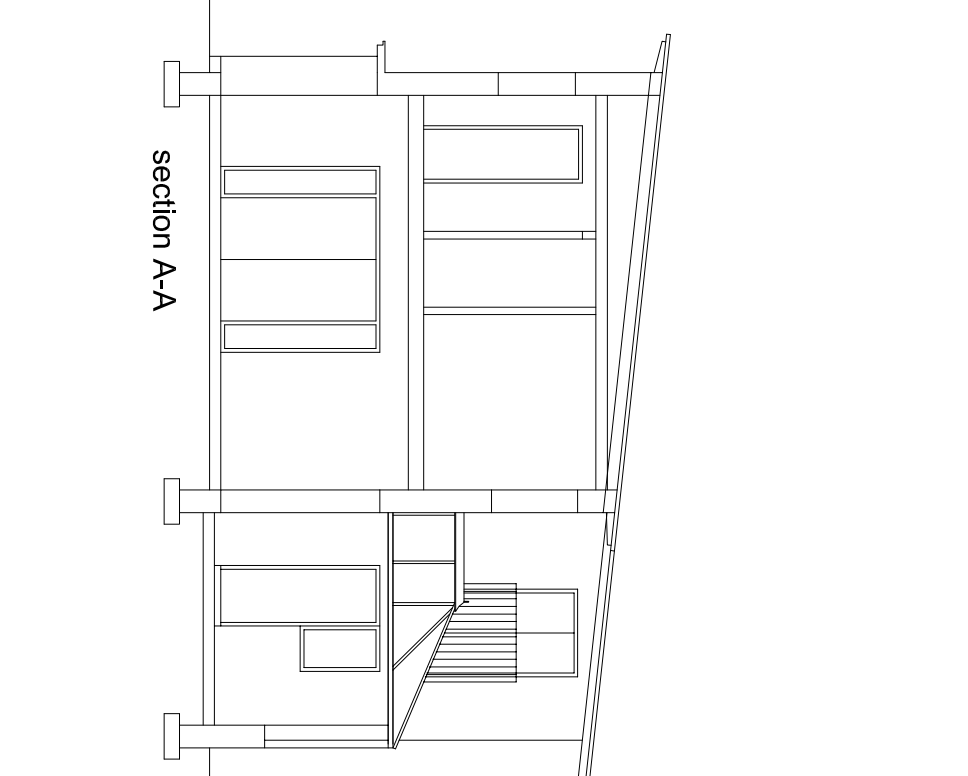
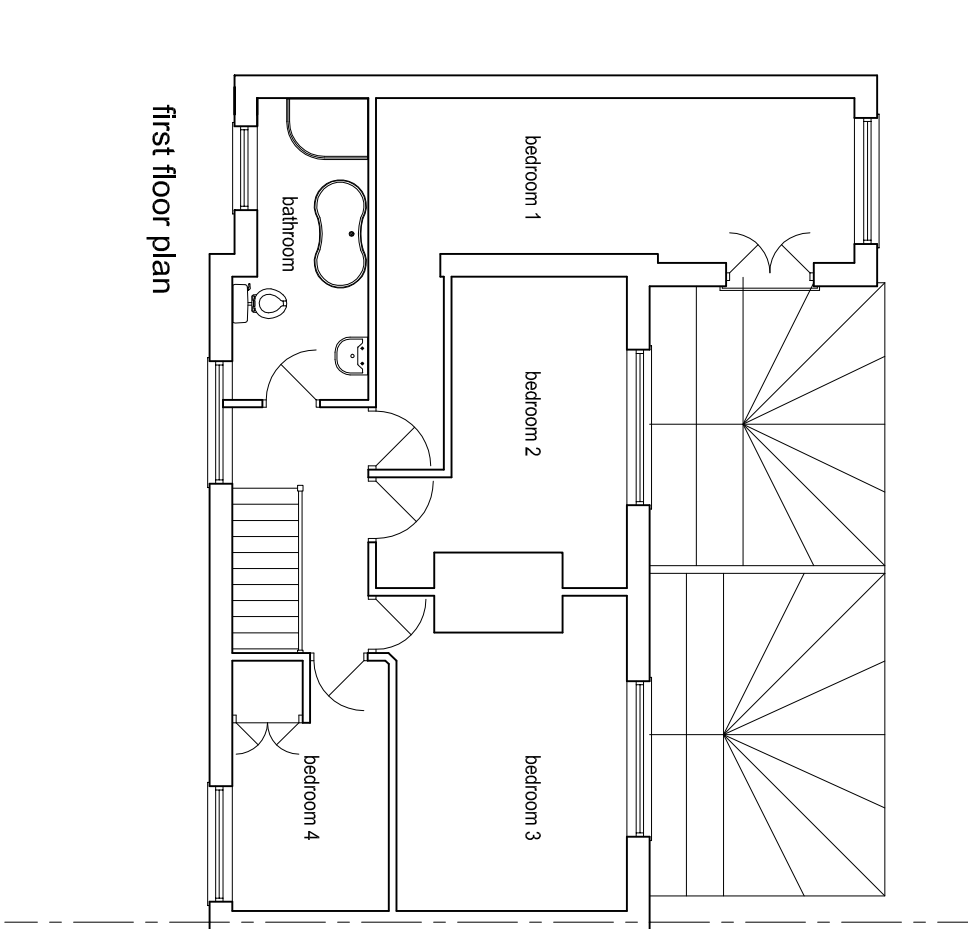
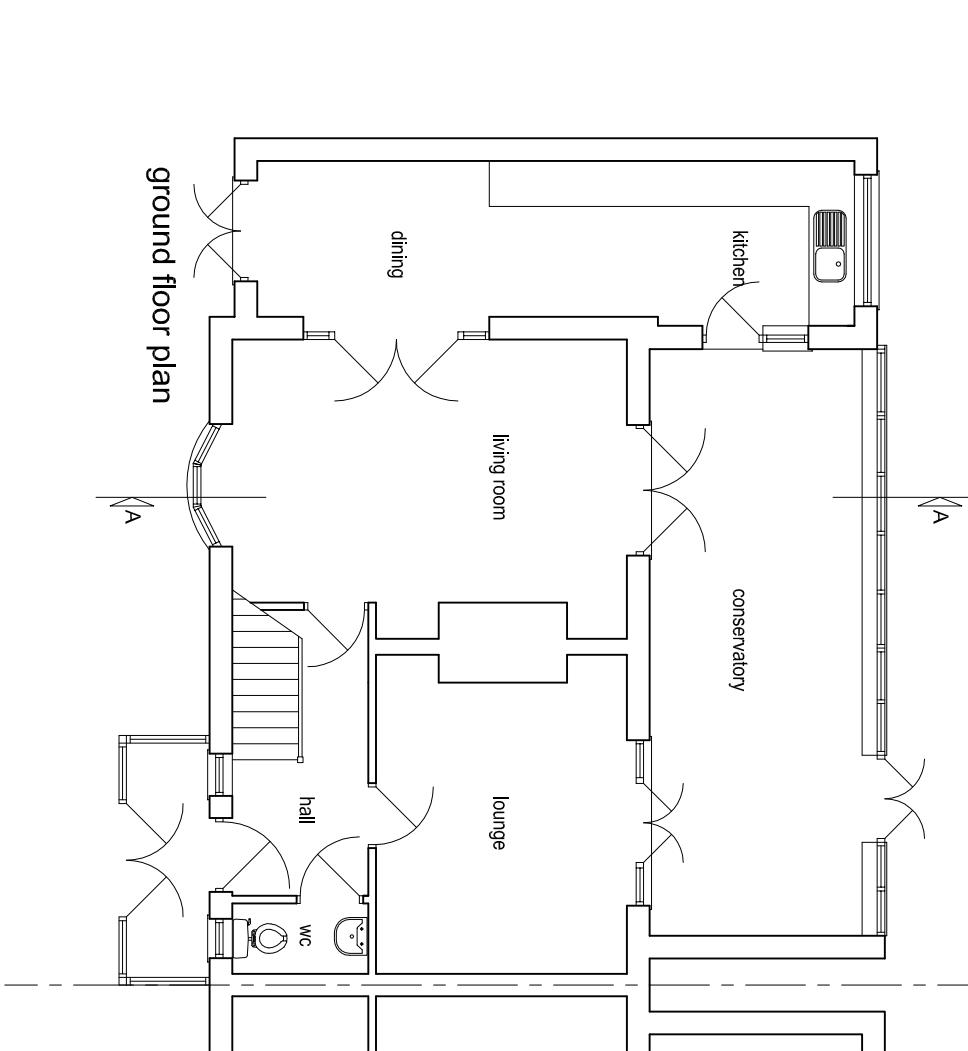
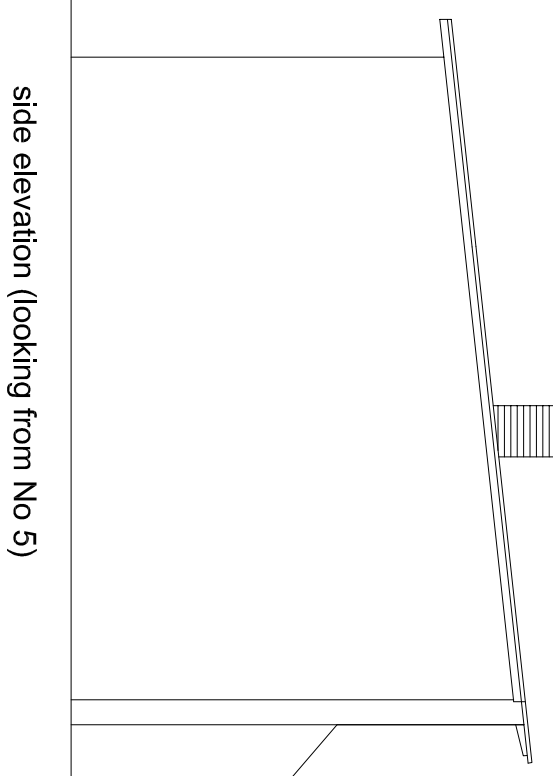
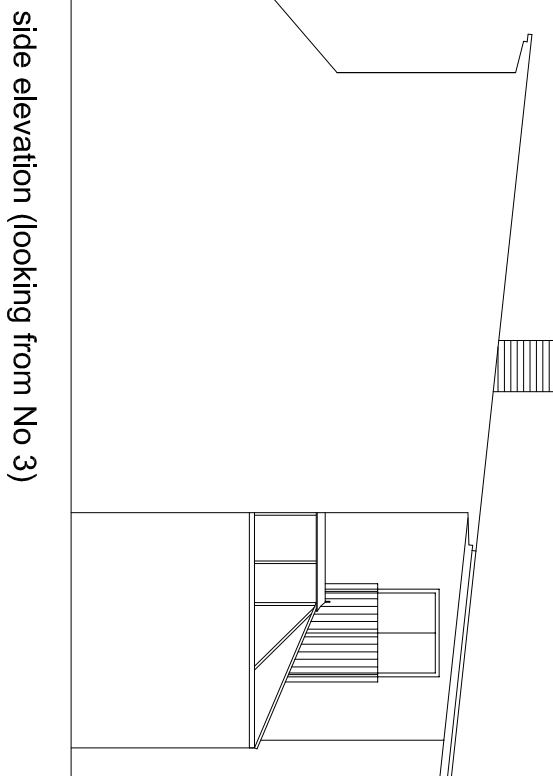
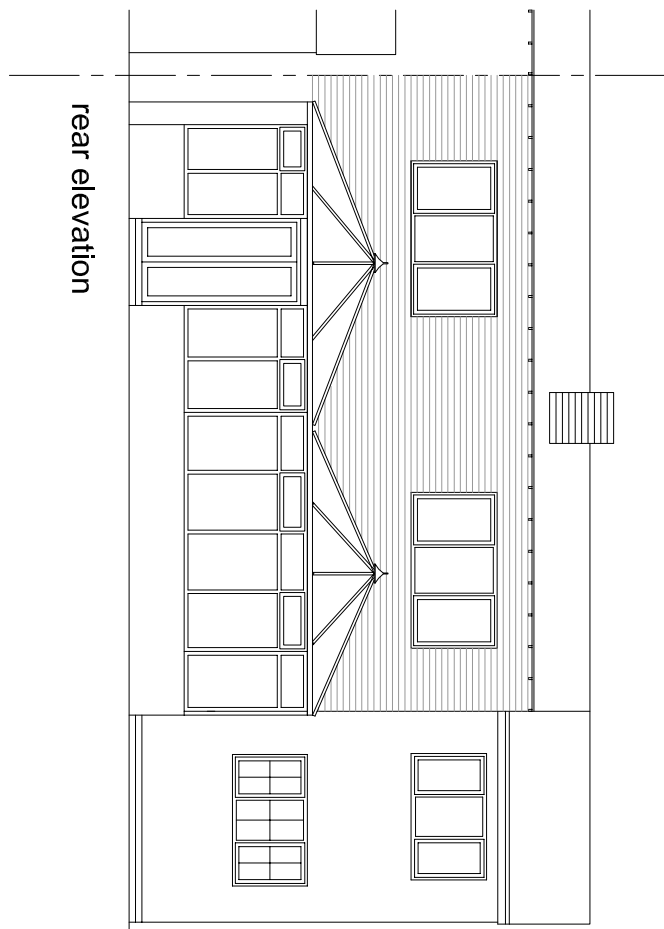
U/ Value of external walls to be 0.28 W/m²K to comply with
L1 of the Building Regulations

Close cavity at eaves & openings with block/thermal proprietary
cavity closer & install vertical rigid insulation as appropriate
solid in 150mm stainless steel wall ties as work proceeds at
450mm centres vertically & 600mm centres horizontally
horizontally and at 300mm centres to joints, heads & eills of
openings.

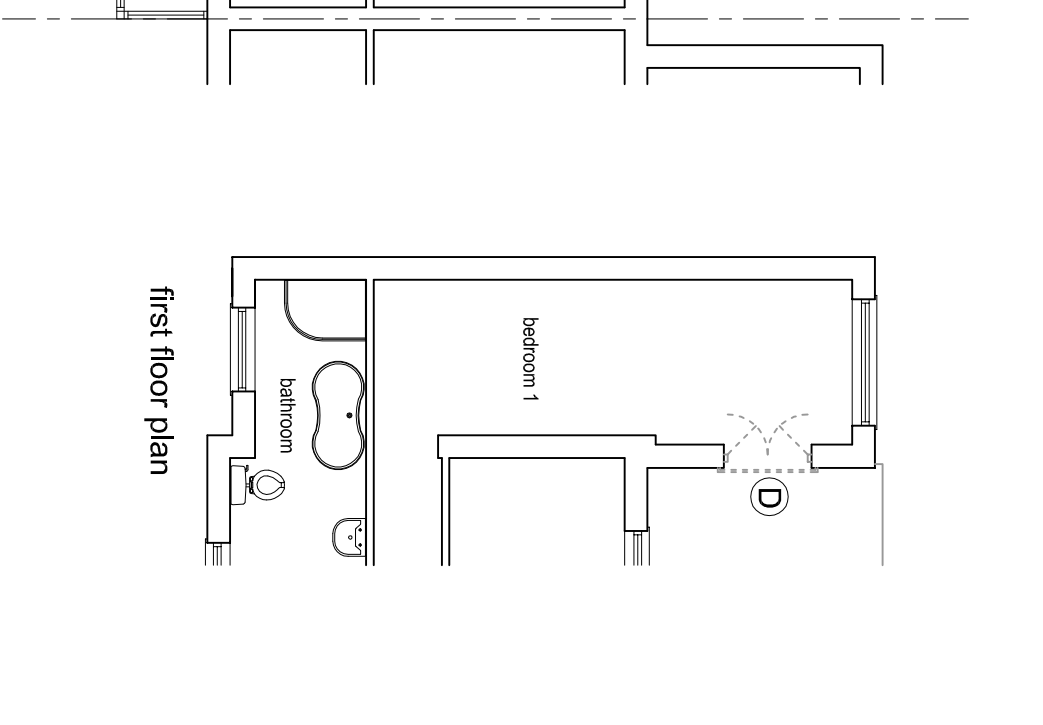
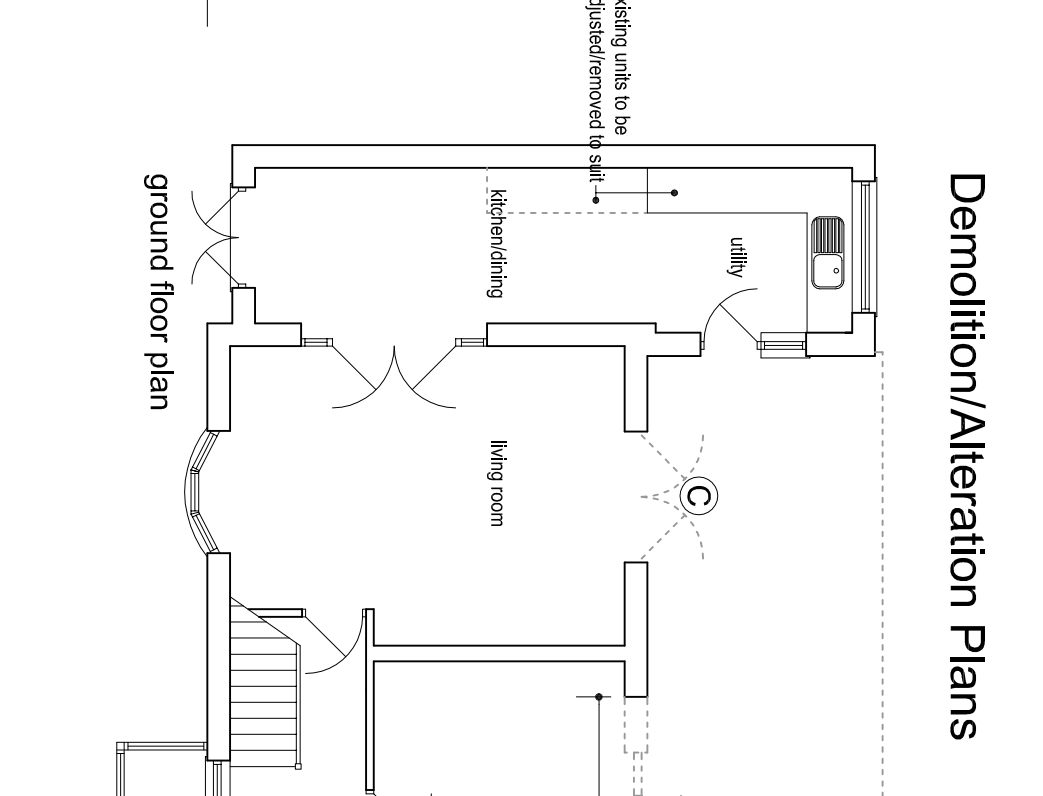
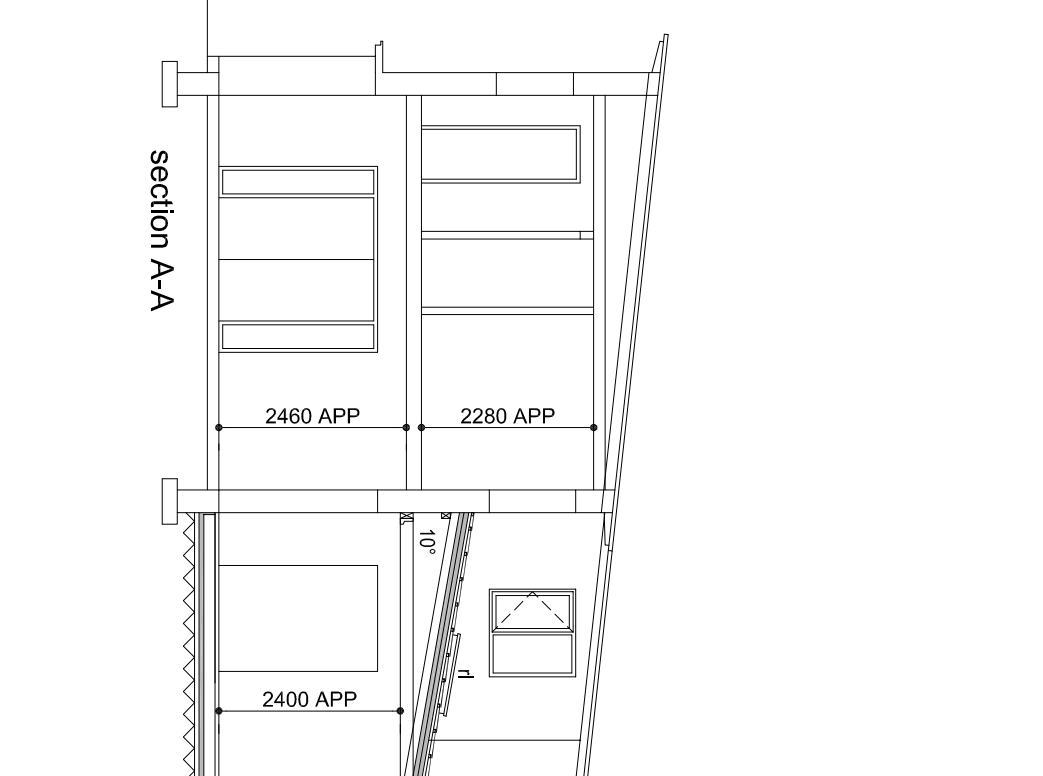
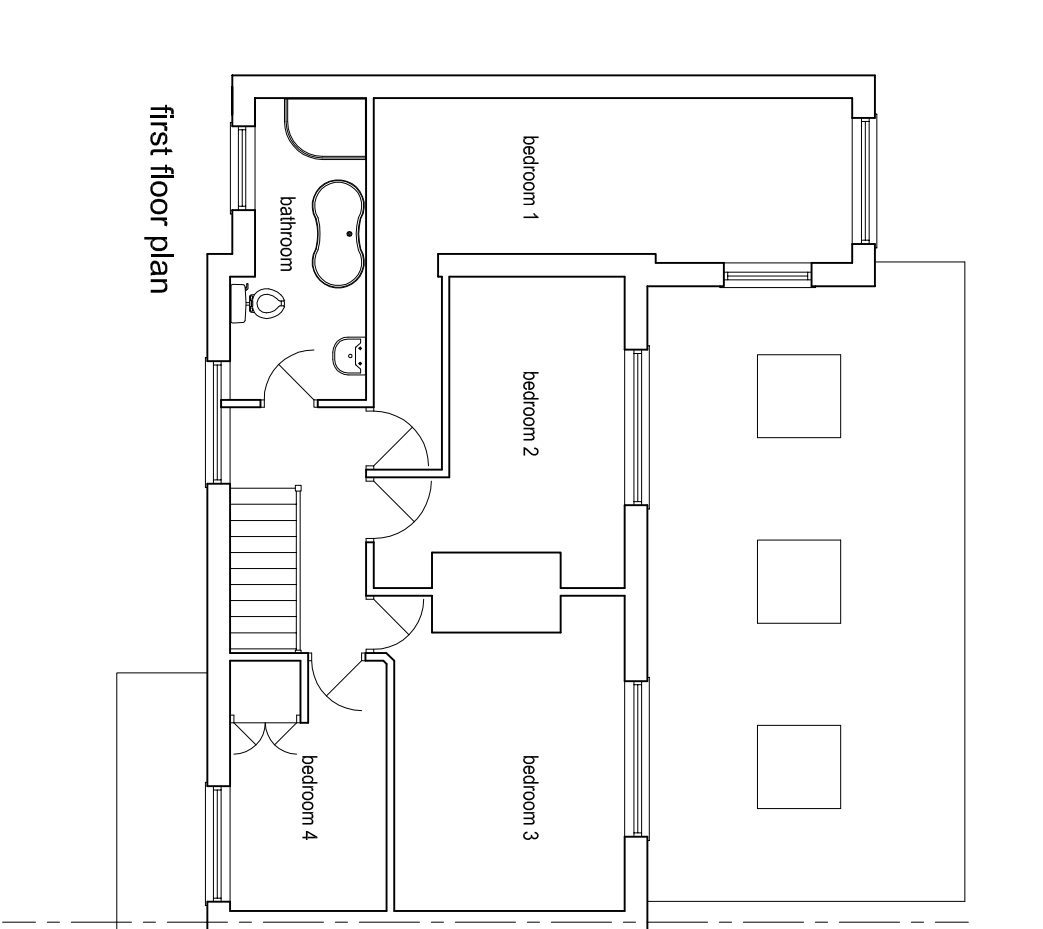
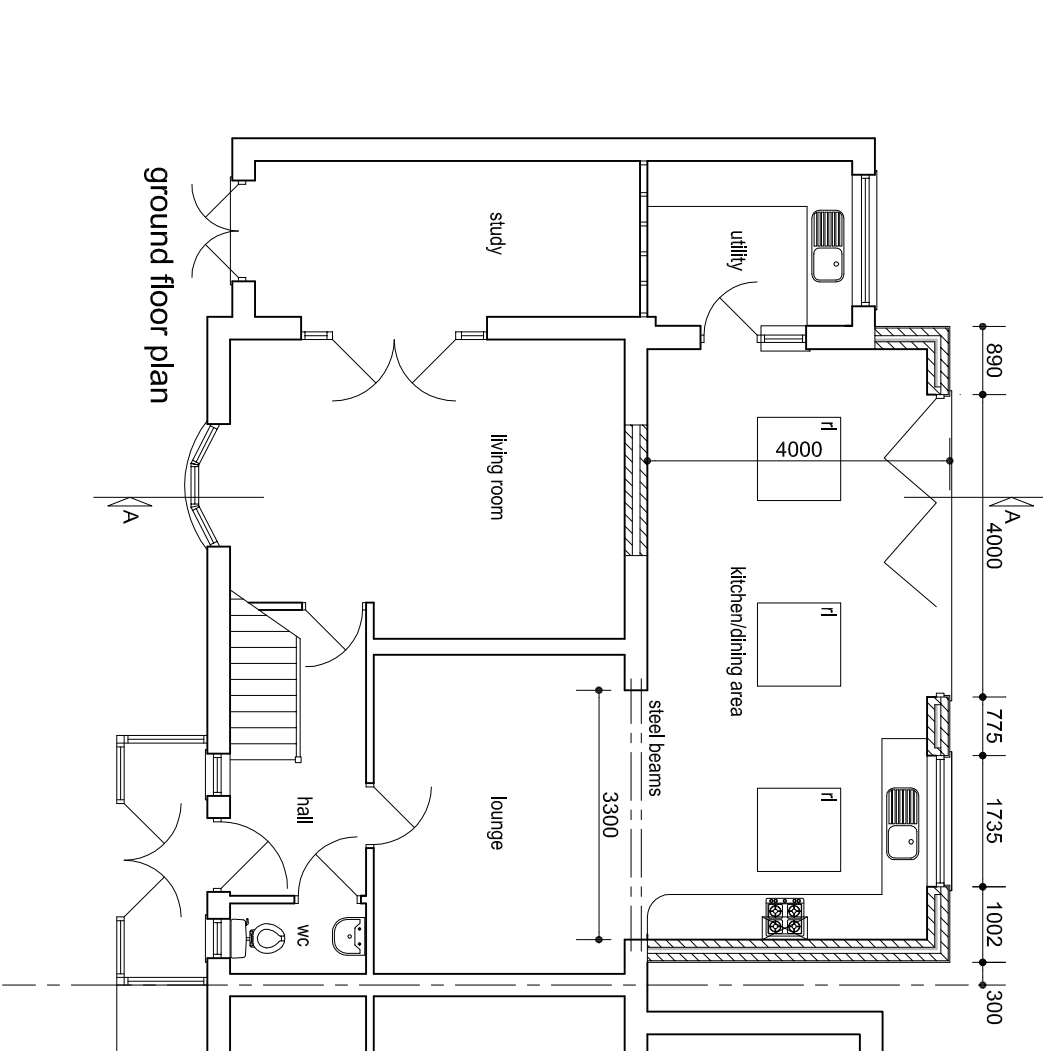
New cavity wall ties to be tied to existing walls with stainless
steel 'crocodile' wallplates and ties, with ties at 450mm
vertically to both leafs (staggered).

Insert Caltic Linel code CX1265 above extension bi-fold door
opening with 200mm min end bearings & cavity tray as
required. Insert Caltic Linel code CG70/100 above window
openings with 150mm min end bearings & cavity tray, include
solid in 150mm stainless steel wall ties as work proceeds at
450mm centres vertically & 600mm centres horizontally
horizontally and at 300mm centres to joints, heads & eills of
openings.

Allow for weep holes over openings & at ground floor level
Lay Watley Aquaguard pitch polymer damp proof course at
minimum 150mm above adjacent ground level.



PROPOSED



Demolition/Alteration Plans

A Take down existing conservatory and remove floor slab before proposed extension work begins.

B Remove existing double doors and screens and extend opening to 3.300m long.

C Remove existing double doors and seal opening with blockwork cavity wall. Make good to walls & floor as necessary. Wall finish to match existing.

D Remove existing double doors & railing. Build up opening to suit new window with new cavity wall & make good to walls & floor as necessary. Wall finish to match existing.

4 Spinney Close, Liverpool L33 7XZ

Existing & Proposed Layouts

Scale	1:100	Drawing Number
Drawn	AS	SC.001
Date	July 2021	

A1 @ 1:100 scale