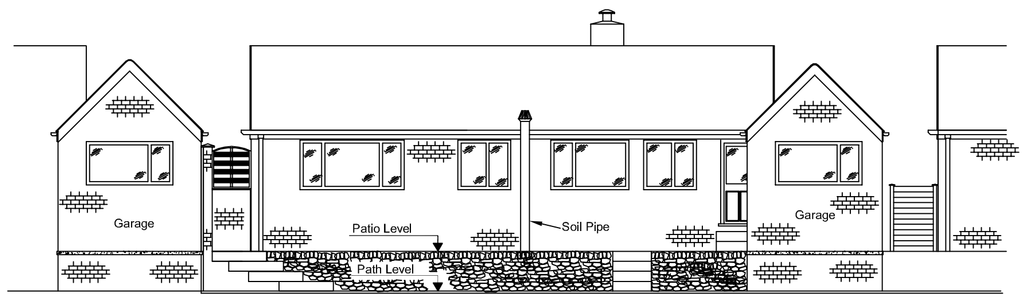
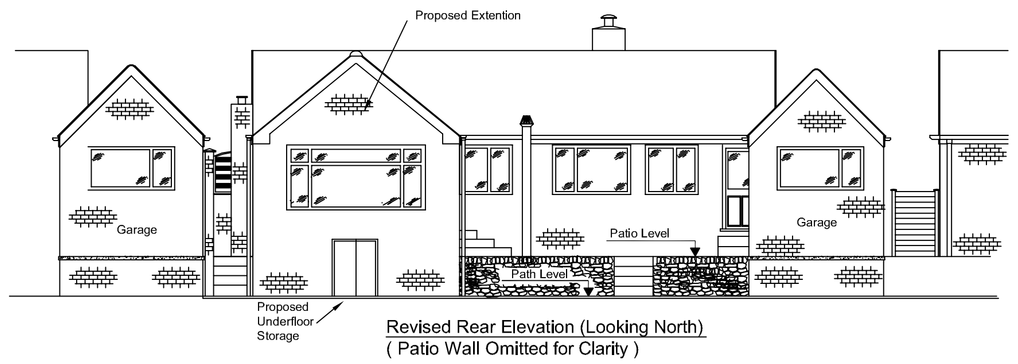
AUTOCAD REF: 4KC001 REV.A

DRG. No. 4KC001 | SHT. 1 OF. 1

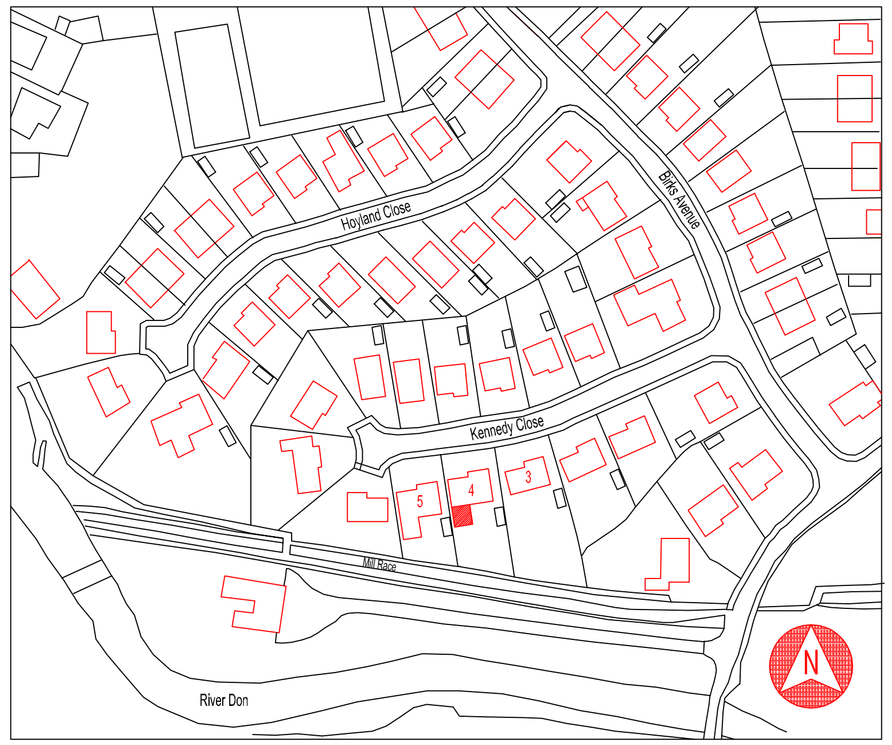
IF IN DOUBT ASK !
DO NOT SCALE



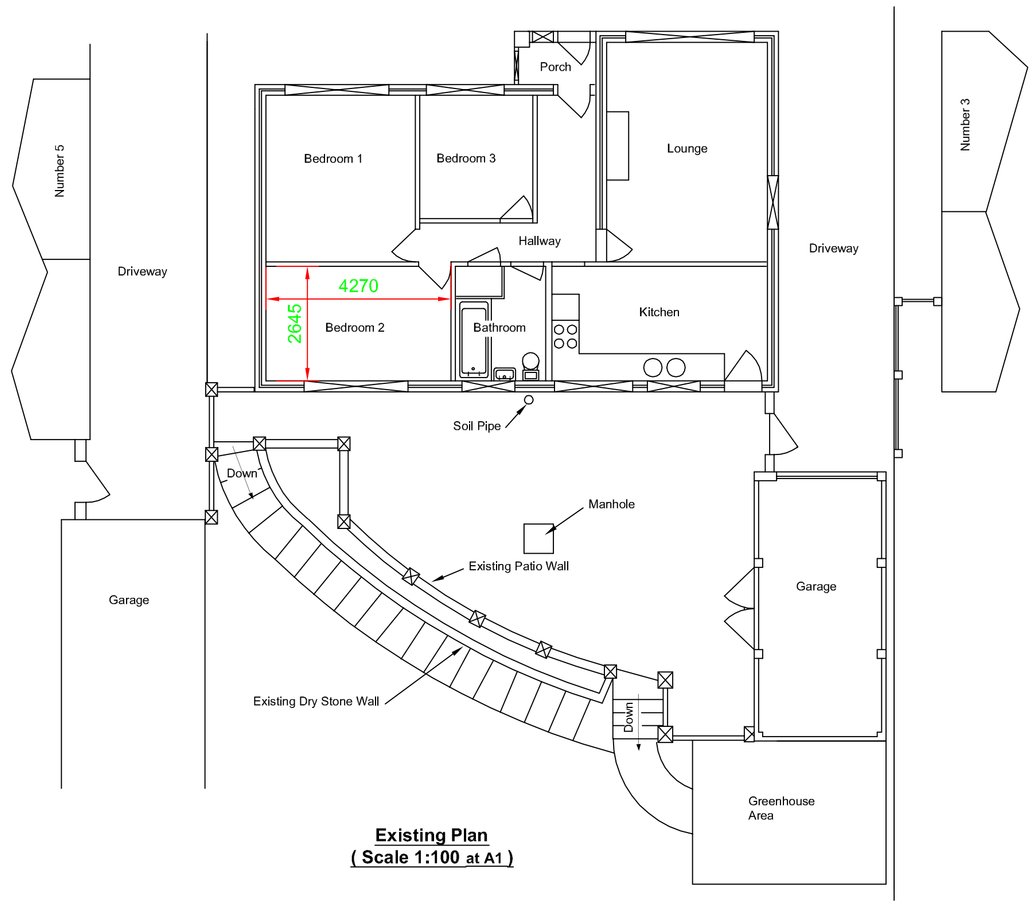
Existing Rear Elevation (Looking North)
(Patio Wall Omitted for Clarity)



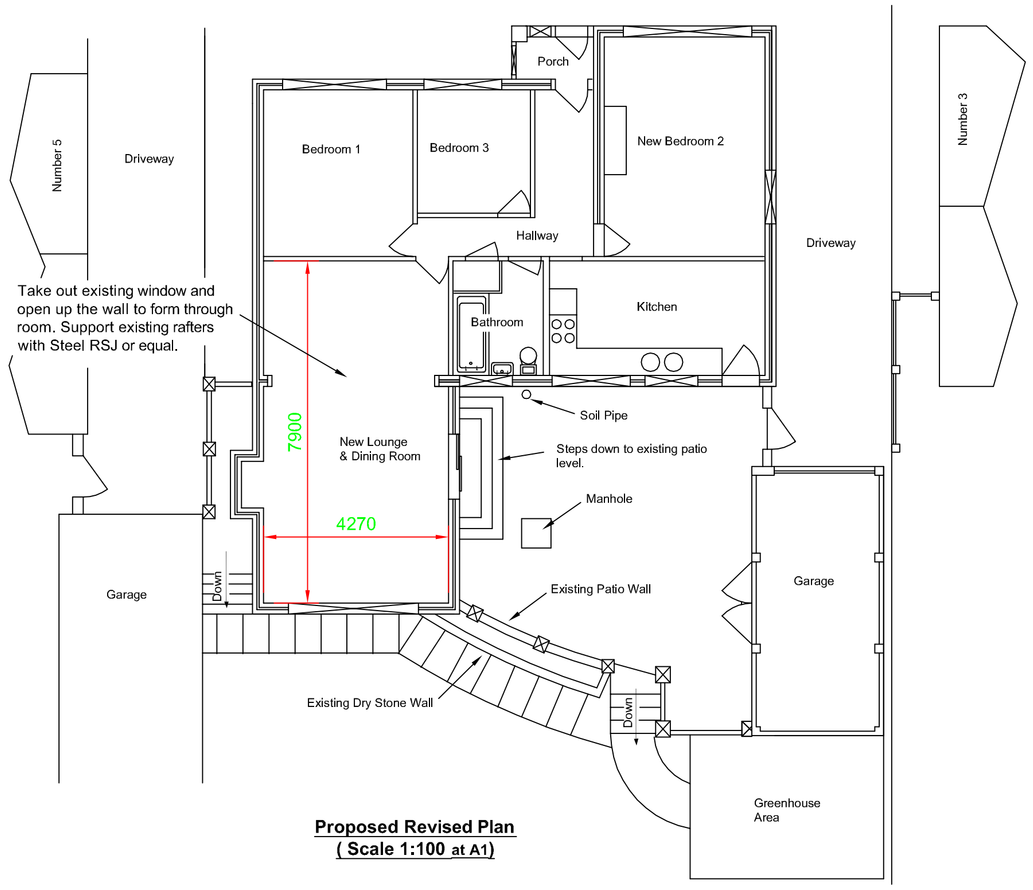
Revised Rear Elevation (Looking North)
(Patio Wall Omitted for Clarity)



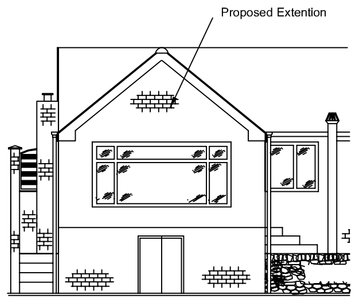
Site Plan
(Scale 1:1250 at A1)



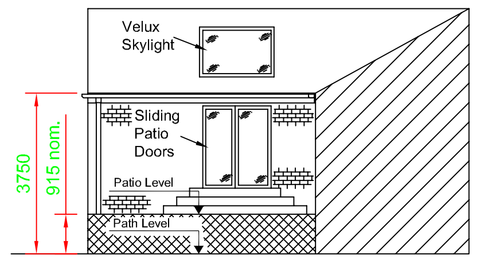
Existing Plan
(Scale 1:100 at A1)



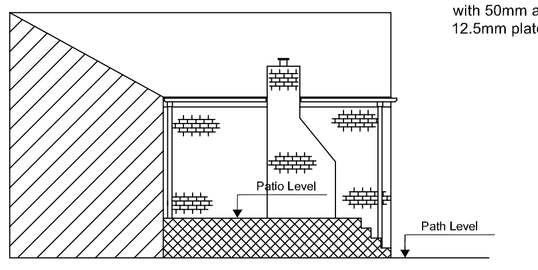
Proposed Revised Plan
(Scale 1:100 at A1)



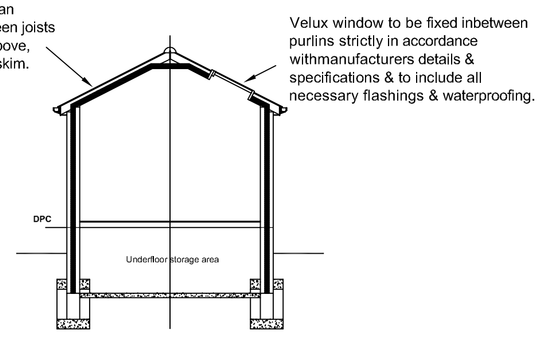
View on South Facing Wall



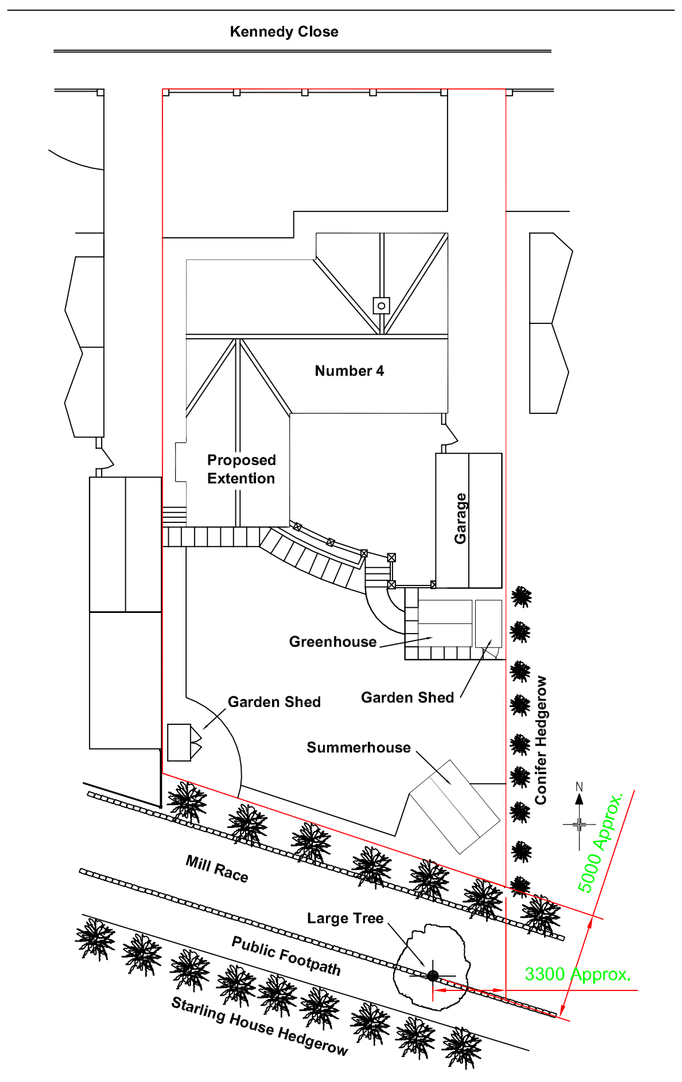
View on Extension East Wall



View on Extension West Wall



Section Thro' Extension



Boundary Plan
(Scale 1:200 at A1)

Suspended Timber floor and Sub-Structure
Timber suspended floor t&g floorboards to match existing on 125 x 50 SC3 joists on sleeper walls.
If span > 1800mm then on 300 x 150 intermediate concrete foundation.
100mm concrete oversite on 100mm hardcore. 150mm air gap between oversite & bottom of joists, 2 layers of 70mm Kingspan K3 between joists to achieve 0.17W/m2c. 150 x 225 air bricks @ 1500 centres & at 450mm from corners with clay liners with tray dpc over.Foundations to be taken down to firm bearing strata to the satisfaction of the local Building Control Officer and be 750mm wide x 225mm deep founded at 600mm below proposed ground level. Actual depth to be confirmed by L.A. outer skin of 150mm (or 100mm depending on the wall construction above) 7N/mm2 blockwork suitable for below ground use. 100mm cavity filled with weak mix concrete below ground and 100mm of inner leaf of blockwork as before.
All foundations to have 1 layer of A142 mesh in bottom with 50mm cover. Timber joists to span no more than 1800mm.

Roof
Roof tiles to match existing on 25 x 38 sw treated battens on untearable roofing felt.
New roof of traditional construction to have200 x 25 s.w.ridge board with 175 x 50mm sw grade C24 rafters at 400mm centres. Rafters spiked to ridge board and to 100 x 75 s.w.wall plate. Rafters to be additionally notched over wall plate.
UPVC facia board and UPVC soffit fitted with soffit vent match existing. Vent to allow a continuous ventilated strip of 25mm width protected with a flyproof mesh.
1000 x 40x6mm galvanised restraint straps to gables at 1500mm centres measured along the roof slope with ties at 1500mm centres at ceiling level.
3000mm glassfiber insulating quilt laid between ceiling joists.
Ceiling joists to be 150 x 50mm at 400mm centres.
PVC gutter and downpipes to match existing profiles & sizes.
Lateral restraint straps to be fixed as above at ceiling level.
All lateral restraint straps are to be provided with noggings between members to which they are fixed.

Lintels
Lintels to internal walls to be CATNIC. Brick walls to have CATNIC or IG lintels fixed in accordance with the manufacturers instructions. All lintels to have 150mm minimum end bearing.

Walls
Inner leaf of thermalite lightweight aggregate blocks or other approved with outer leaf of 102mm facing bricks. 100mm cavity filled with Rockwool RW6 formed between leaves. Stainless steel wall ties to be positioned 750mm horizontally and 450mm vertically and every block at reveals. DPC's to all heads, cills and jambs and above lintels. DPC to be a minimum of 150mm above outside ground level as indicated on the plan.

Electrical Installations
All sockets, switches & lighting to be in accordance with current standards / regulations & codes of practice.
Sockets shall be connected into the existing ring main.
Quantity & Location of sockets, switches & lighting to be discussed and approved by the client.

Drains.
All RWP's to be piped to new soakaways with invert a minimum of 1.0m above bottom of soakaway.
Fill to be broken brick / hardcore blinded to seal on existing patio and new pathway.
Surface drainage t be modified as necessary to ensure no ponding occurs.

Television Aerial.
A television outlet socket is to be provided to one position only and linked to the existing television aerial. The exact position is to be discussed and approved by the client.

Telephone Sockets
The 2 existing telephone sockets are to be relocated from the existing lounge to the South West corner of the extension.

0 METRES 5
SCALE 1:100

0 METRES 10
SCALE 1:200

0 METRES 100
SCALE 1:1250

Proposed Rear Extension to 4 Kennedy Close
Elevations, Sectional Plans & Site Plans
Drawing Number 4KC001 Rev A
Scale - See Drawing
By:M Hewling
Date: 5/2/2009

ORIGINAL SIZE A1
0 10 20 30 40 50 60 70 80 90 100 mm