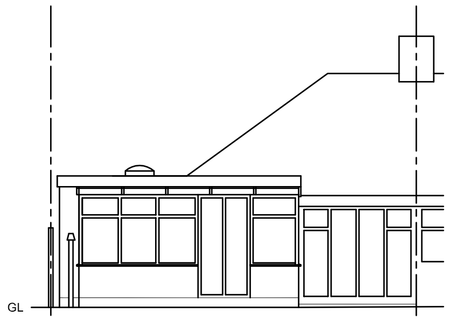
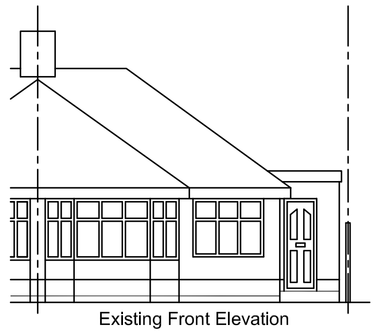
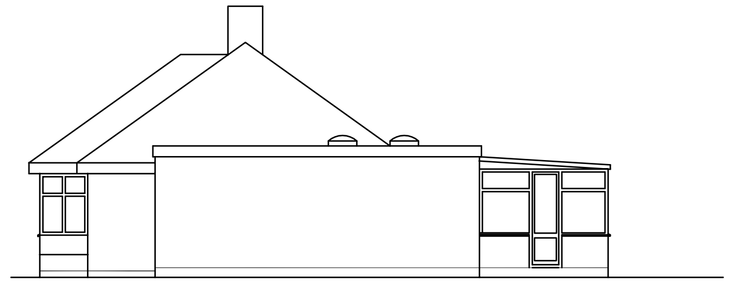


Existing Rear Elevation

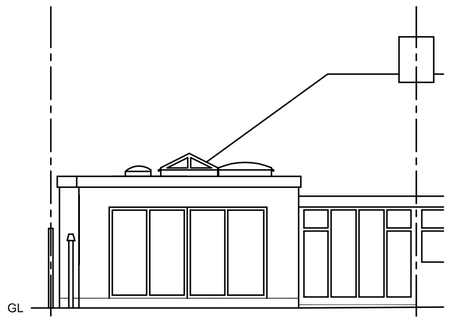


Existing Front Elevation

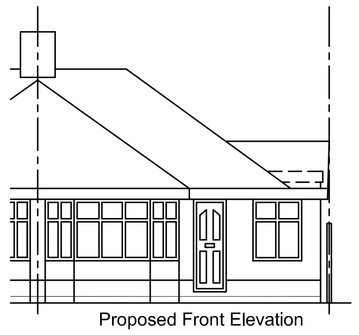


Existing Side Elevation

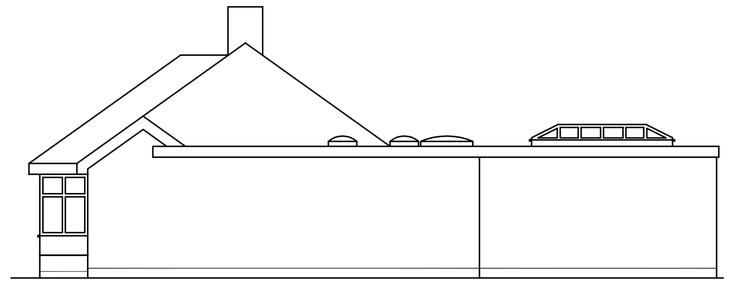
Existing Side Elevation



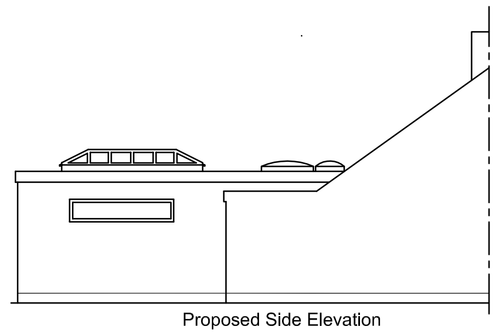
Proposed Rear Elevation



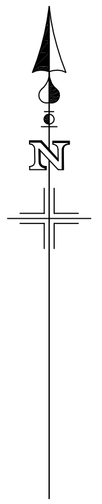
Proposed Front Elevation

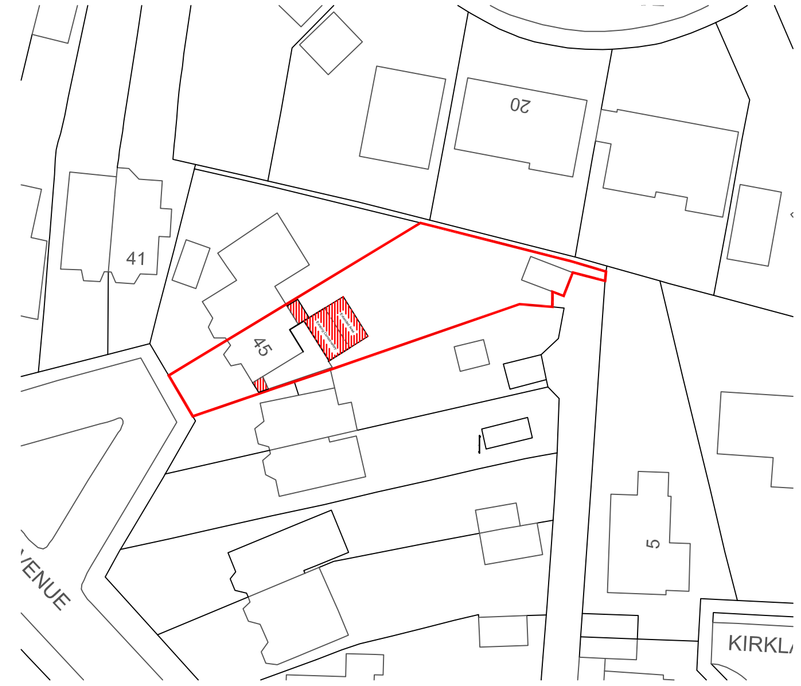


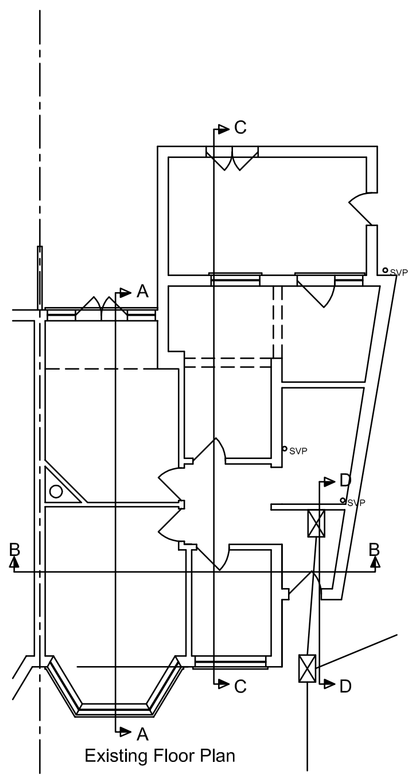
Proposed Side Elevation



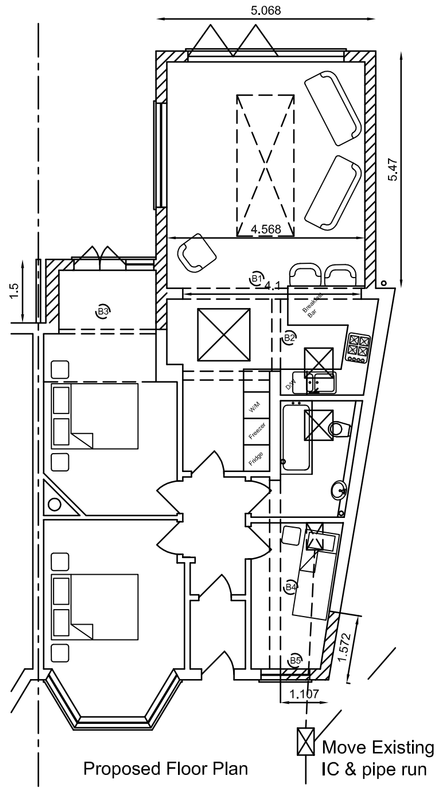
Proposed Side Elevation





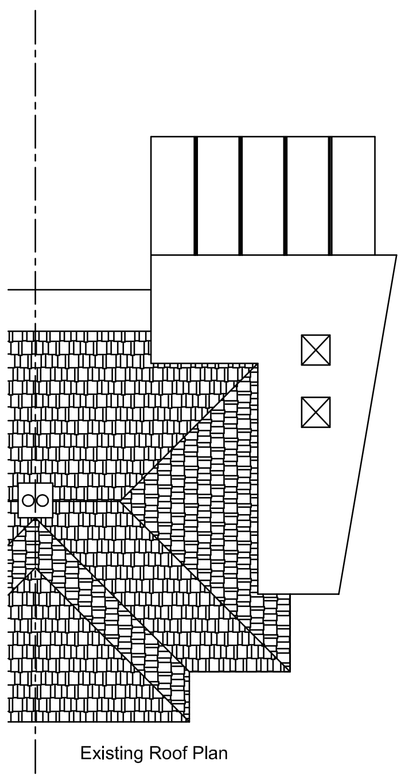


Existing Floor Plan

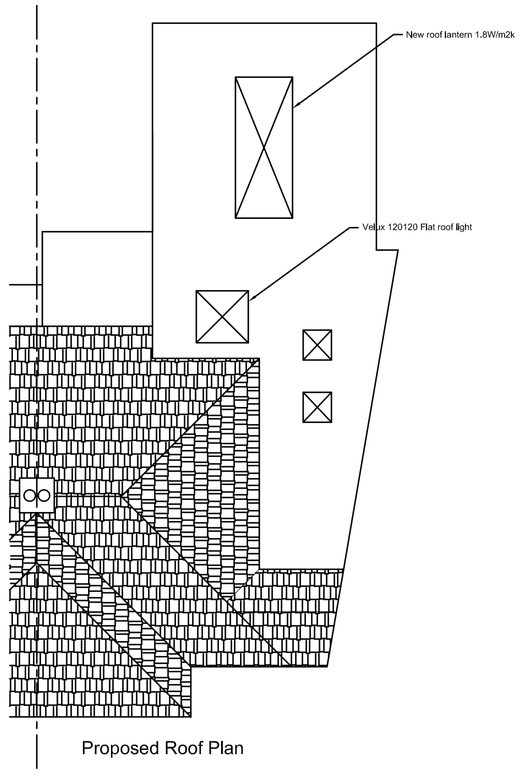


Proposed Floor Plan

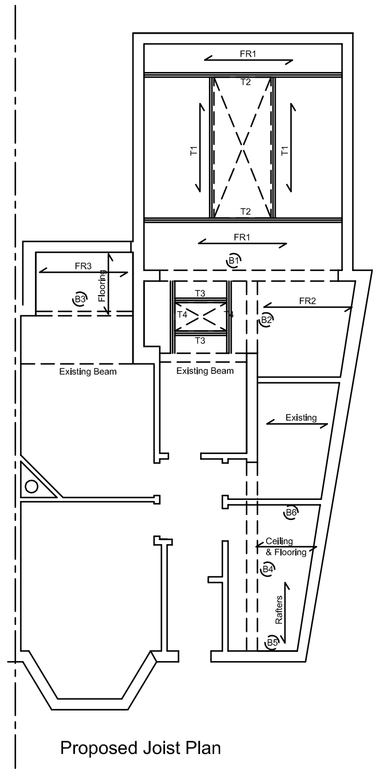
Move Existing IC & pipe run



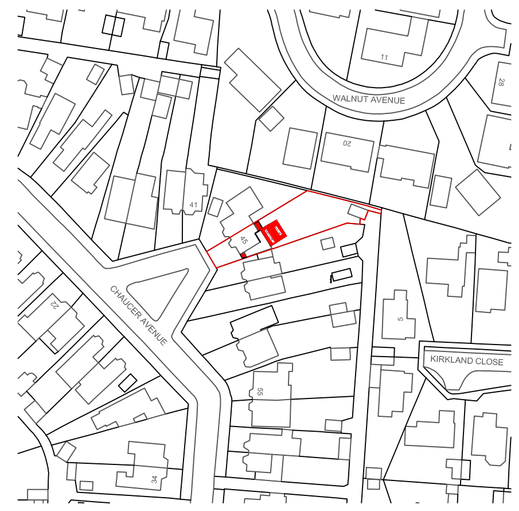
Existing Roof Plan



Proposed Roof Plan



Proposed Joist Plan



Note.

Roof tiles to match existing,
50x38 tile battens,
Breather membrane,
25mm continuous ventilation at eaves,
5mm contentious ventilation at ridge,
58x150 SC16 rafters,
150x25 ridge board,
Min 300mm lay boards,
Snow heck under tiles,
Min 300mm up stand with flat roof covering,
300mm mineral wool insulation,
50x100 joists,
Simpson StrongTie joist hangers,
12.5mm foil backed plasterboard,
50x100 wall plates strapped down every 1m with catnic straps,
Rafters & joists bolted together with timber lock bolts,
2no. PCC lintles let in to wall spreading over drain,
Code 5 lead cavity tray to stop vermin too.
100mm face brick to match existing,
50mm clear cavity,
50mm mineral wool bats,
100m topblock internal and external plastered ready for decoration,
50mm reinforced screed,
125mm concrete C35 design mix oversite with A142 mesh reinforcement
100m celotex insulation to main area, 25mm Celotex upstanding around perimeter ,
30mm compact sand blinding,
1200g DPM palled to DPC
150mm compact granular fill,
B5 forming spreader beam supporting B4,
Foundations 1m below GL, gauged to meet coursing,
Foundation 450mm wide or to engineers design C20 design mix,
Face brick to match existing,
50mm clear cavity,
25mm mineral wool bats,
Stainless steel wall ties to BS EN 845-1,
100mm, 7Kn Topblock internal skin plastered ready for decoration,
DPC 150mm from GL,
50mm reinforced screed,
100mm concrete over site,
100mm Celotex insulation,
1200g lapped and jointed to DPC,
30mm compact sand blinding,
150mm granular fill,
47X220 C16 joists @ 400c/c,
Triple joists around roof lights, timberlock together,
Waterproof membrane to meet AC rating,
18mm ply deck,
Furring pieces to shed water,
Min 50mm clear air flow,
165mm Celotex XR400 between joists,
30mm TB4000 below joists
12.5mm foil backed plasterboard,
Lantern Min 'U' value 1.18,
Insulated Catnic or IG lintel over doors & windows,

Beams Min 30mins fire protection, 2x12.5mm plasterboard lapped joints,
B1 = 3no.47x195C24 timbers bolted together,
B2 = 2no. 47x97C16 timber bolted together
B3 = 2no. 47x122C24 nailed together with 3.5x85mm nails at 250c/c
B4 = (Flitch) 2no 47x195 + 10x180 plate,
B4 = (ALT.) 150x75x18 PFC on engineering brick pads
B5 = 100x50x10PFC Grade 43 or IG L1/HDI00 Lintel
B6 = m2no. 47x97 C16 nailed with 3.5x85mm nails at 250c/c
FR1 = 47x195 C24 at 400c/c
FR2 = (if required) 47x122C16 at 400c/c
FR3 = 47x122 C16 at 400 c/c
T1 = 2no.47x195C24 staggered nailing 225mm c/c
T2 = 4no. 47x195C24 bolted with M10 bolts & washers at 450c/c
T3 = 47x97C16
T4 = 2no. 47x97C16 mailed with 35.x85mm nails at 250c/c
New air tight inspection cover to existing fowl drain.
Fowl waste connected to existing fowl drains.
Surface water from flat roof connected to existing surface water connection or new soak away, 5m form new building & 2mfrom boundary's 1.6m3 min.
Extend all existing service to new areas.

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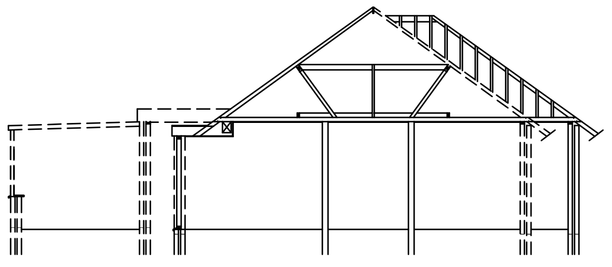
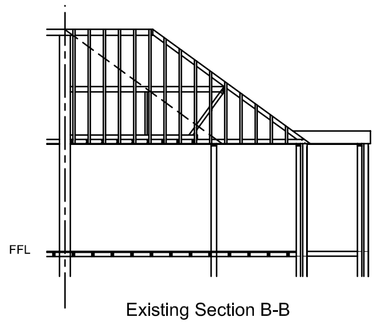
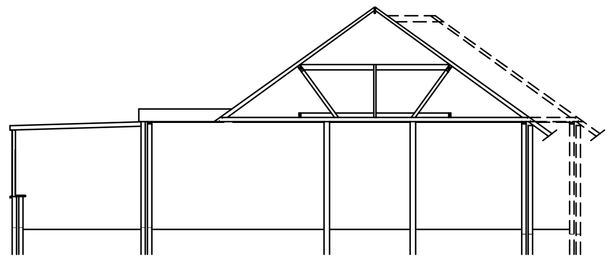


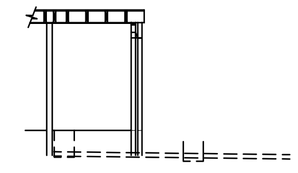
Existing Section A-A



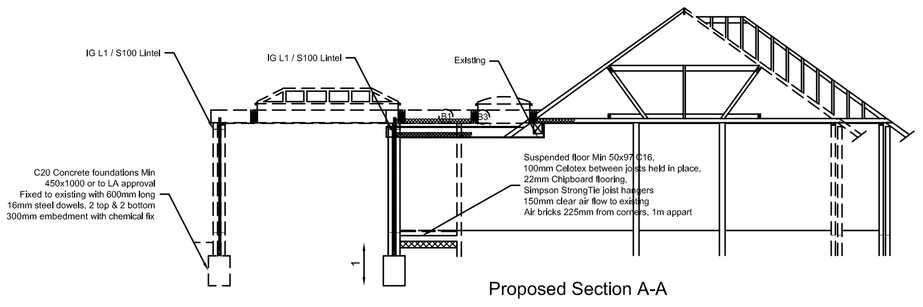
Existing Section B-B



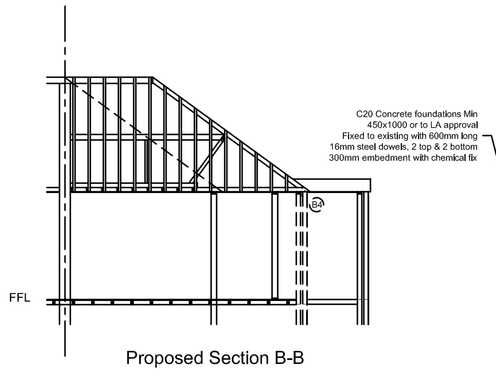
Existing Section C-C



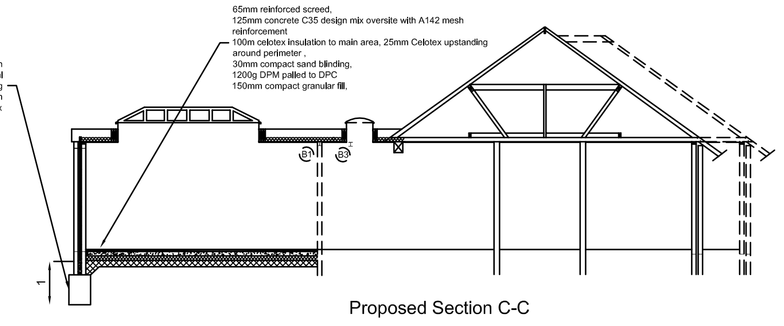
Existing Section D-D



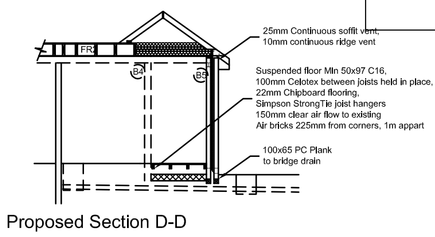
Proposed Section A-A



Proposed Section B-B



Proposed Section C-C



Proposed Section D-D

Project Mr J Friend & Ms A Street 45 Chaucer Avenue Rustington BN16 2PG	**Date** March 2019
	Revision 'A' Engineers designs - 22/7/19 'B' Building Control Amendment - 26/7/19 'C' CLD - Window & roof light design change 19/9/19 **'D' CLD + Window & Bi Fold door design change 9/8/19**
Drawing Title Side & Rear Extensions with internal reconfigurations. Location Pan, Site Plan, Elevations & Sections	**Drawn By** LIW
Scale 1:1250, 1:500, 1:100 & 1:50	**Drawing No.** 45Cha/AS/fwi/001

ARUN DISTRICT COUNCIL 01903 737644