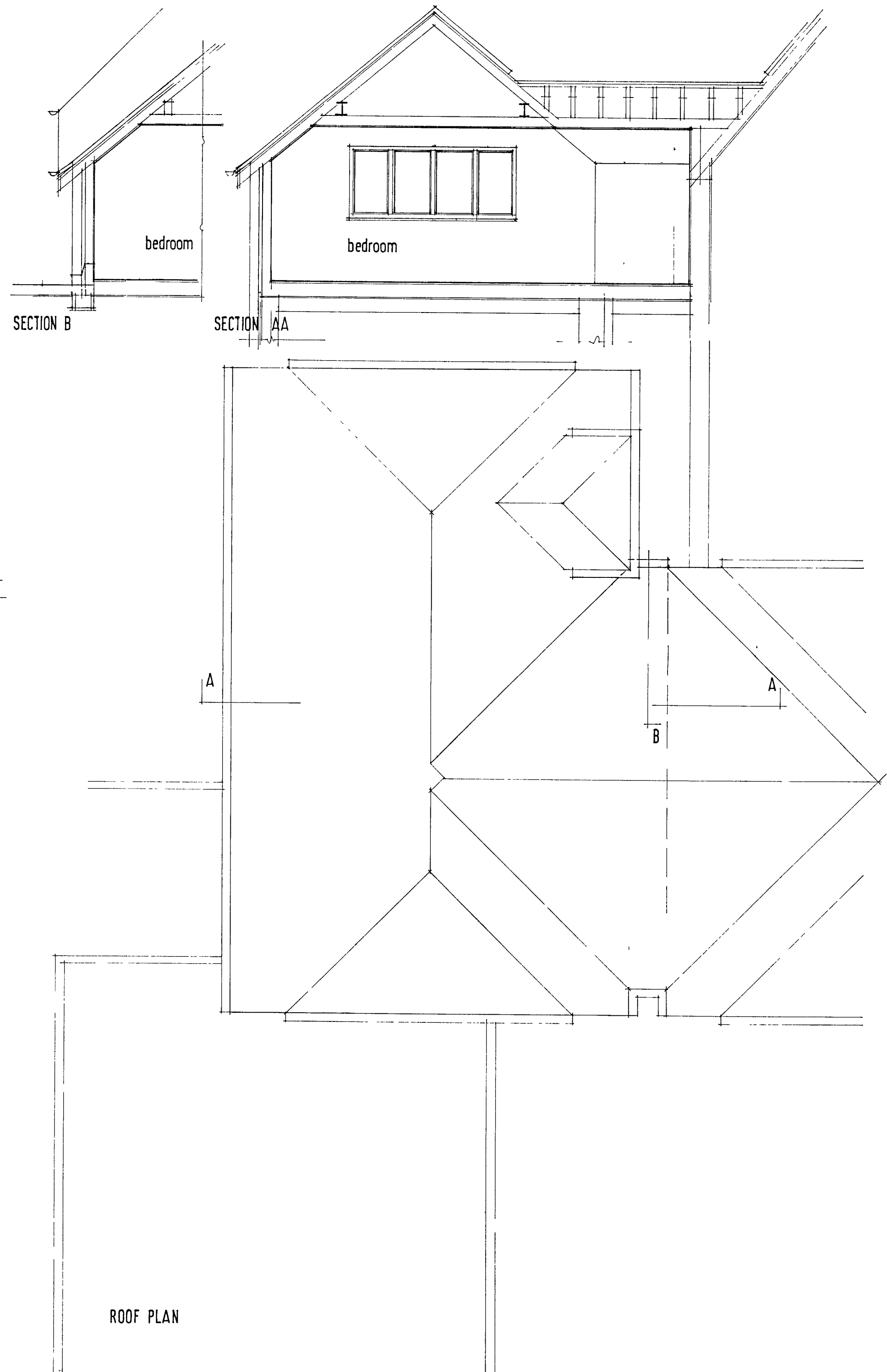
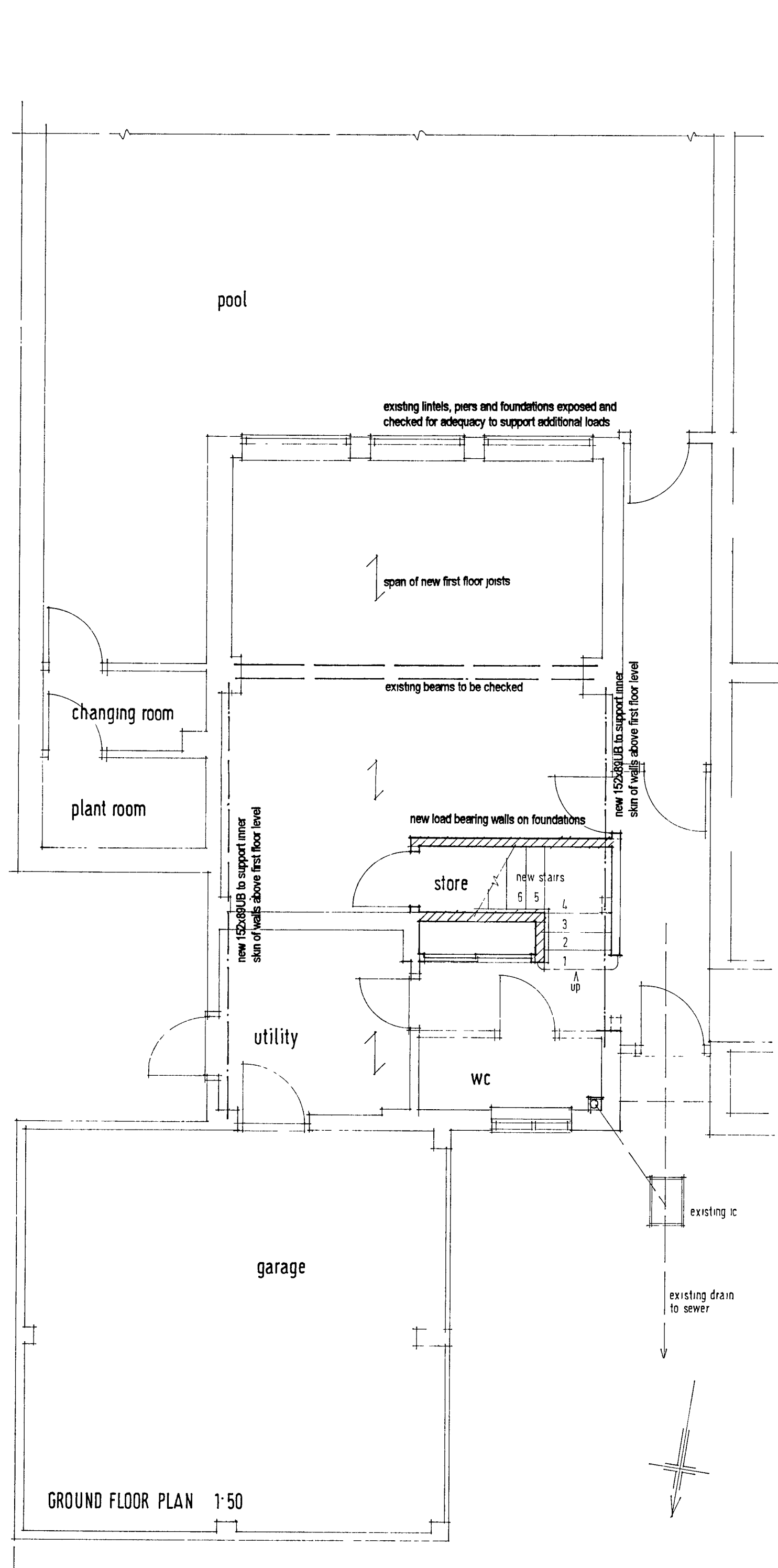




CONSTRUCTION NOTES

Substructure
foundations existing foundations to be exposed and checked, minimum size required 450mm x 225mm deep
 New internal load bearing walls to have foundation 450mm x 225mm at depth to match existing, or as directed on site

Superstructure
external walls: U-value 0.35, 300mm cavity wall, 2 coat render to BS5262 min 20mm total thickness, mix 1:1:6 painted to match existing on 7N/mm² 100mm blockwork, 80mm cavity filled with Crown Dritherm insulation, inner skin 100 Celcon or similar insulating block, internal finish 11mm Carlite Tough Coat, 2mm Thistle Multi-Finish
internal walls: ground floor and as indicated on first floor; 100mm 7N/mm² blockwork, plastered both sides
lintels: external walls; Catnic box type (insulated) with weepholes above. Wall cavity closed at roof level with blockwork. Internal lintels, pre-stressed concrete
cavity closers: to all window/door jambs
wall ties: SS double triangle wall ties to BS1243 and 5628 part 3, spaced 750mm horizontally, 450mm vertically with additional ties within 225 of all openings and at junctions with existing walls to provide 300mm vertical spacing to BS4528. All ties staggered, evenly distributed to BS1243
first floor: 19mm V313 grade t&g moisture resistant chipboard on 50x147 SC3 sw joists @ 400 centres
structural steelwork: new steel beams, purlins, and concrete padstones to structural engineer's details
pitched roof: U-value 0.16, plain tiles to match existing at 40 degree pitch, on 38x25mm tanalised sw battens on counter battens on Tyvek SUPRO PLUS breather underlay on 47x150mm sw rafters @ 400mm c/s, 47x147 ceiling joist/bes @ 400 c/s, 150 Crown Frametherm Batt insulation laid between rafters with 37 5/12 5mm Polyfoam Plus Liner Board. 75x100mm treated sw wallplates strapped to wall @ max 2000mm centres with 30x5x1000mm galvanised mild steel anchors, similar GMS anchors to half gable ends @ max 2000mm centres with solid noggins between rafters
roof ventilation: none
dormer window: 150x50mm tanalised sw framing with insulation and lining as roof, 11mm marine ply external sheathing on Protex flameproof breather membrane, vertical tiling to match roof, on battens on 12mm Superlux cladding. Double rafters to side of dormer

ARUN DISTRICT COUNCIL				
No				
RECEIVED				

PROPOSED ALTERATIONS
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ALAN BAKER ASSOCIATES

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DATE	DRAWN	SCALE	NUMBER
JULY 01	A	1:50	1002/01c