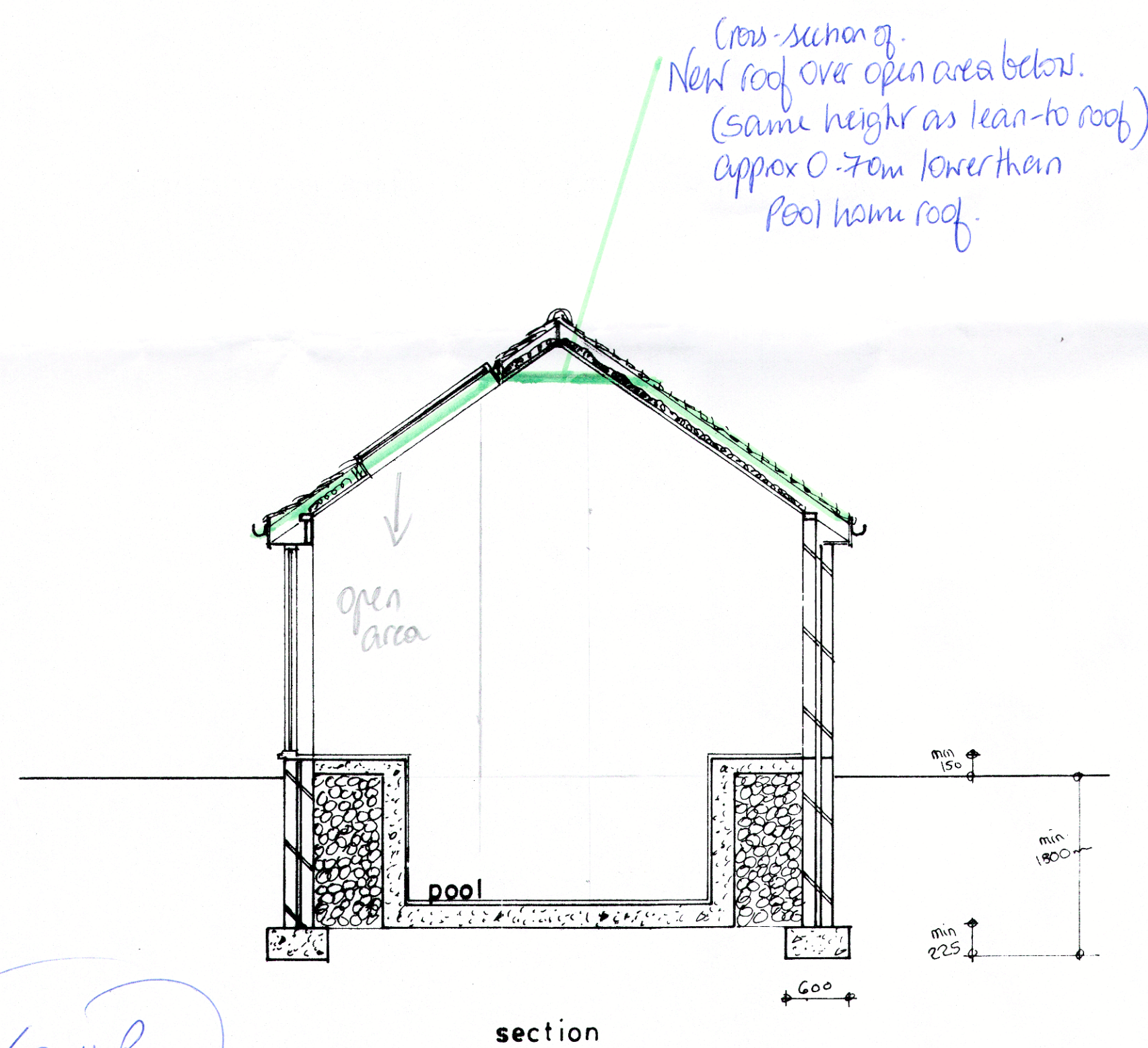




South Pool.

PROPOSED SINGLE STOREY EXTENSION AT 42, SEA WAY, MIDDLETON-ON-SEA FOR MR. & MRS. D. BURDETT.

SWIMMING POOL:-

ROOF:- Plain concrete tiles to match existing on 38 x 19mm sawn treated battens on 'Tyvec' OR similar breather felt to BS747 on 175 x 50mm C.16 rafters @ 400mm c/c. with 200 x 25mm ridgeboard. Provide lateral support at gable with 32 x 6mm galv. ms. straps @ 1800mm c/c. and spanning min. 3No rafters and ceiling joists with solid strutting below straps.
100mm 'Celotex' between rafters to 15mm TGV boarding treated with 'Sadolins' clear wood stain.

WALLS:- Below G.L. cavity construction of Class A dense conc. blwk. Lean mix concrete cavity fill to min. 225mm below d.p.c. Above G.L. outer skin of 100mm 'Thermalite' standard blwk. with smooth render and colourwash finish all to match existing, 100mm cavity filled with 'Dritherm 37' fibreglass cavity wall batts [0.28W/m2K] and inner skin of facing brickwork. New and existing cavities to run continuously. Stainless steel wall ties @ 750mm horz., 450mm vertical and 225mm c/c. at reveals. 'Carnic' lintels OR similar over openings with cavities closed with facing brickwork with 150mm vertical d.p.c. Bed 100mm horz. d.p.c. min. 150mm above G.L. Bed 100 x 50mm wall plate tied to outer skin of blwk. with 32 x 6mm galv. m.s. straps @ 1800mm c/c.

FLOOR:- Non-slip ceramic tiles on anti-crack board on 3 coats of 'Cementone' water based d.p.m. on 100mm thick concrete [Gen 1] oversite slab on well compacted rejects.

STORMWATER DRAINAGE:- 100mm dia h.r. pvc gutters to 65mm downpipes to 100mm dia. 'Osma' underground pipe laid to 1:40 falls with 100mm bed and surround of 10mm peashingle to GEO fabric lined cellular soakaways min. 1 cubic metre per 20 sq. metres of roof area below invert and min. 5.00 metres from building.

GLAZING:- Provide double glazed argon gas filled sealed units in upvc window and door frames. Provide toughened glass in all positions less than 800mm above FFL. Provide 'Kappafloat' glass to all windows and doors to give 1.60 U-value. All Glazing to BS6206.
PROVIDE EXTERNAL QUALITY DOOR BETWEEN SWIMMING POOL AND MAIN HOUSE.

ELECTRICAL:- Provide 75% Energy efficient light fittings to both new and replacements with min. 45 lumens per circuit watt. All electrical work to be installed, inspected and tested by NEC Registered Electrician including provision of BS7671 electrical installation certificate.

POOL:- PROVIDE FULL MANUFACTURERS DETAILS AND DESIGN TO LOCAL AUTHORITY.

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Bryan Butcher
Rainbow Cottage
Nyetimber Lane
Bognor Regis PO21 3JX
01243 266871
07973 233442
bryan.butcher@btinternet.com
www.bryanbutcher.com