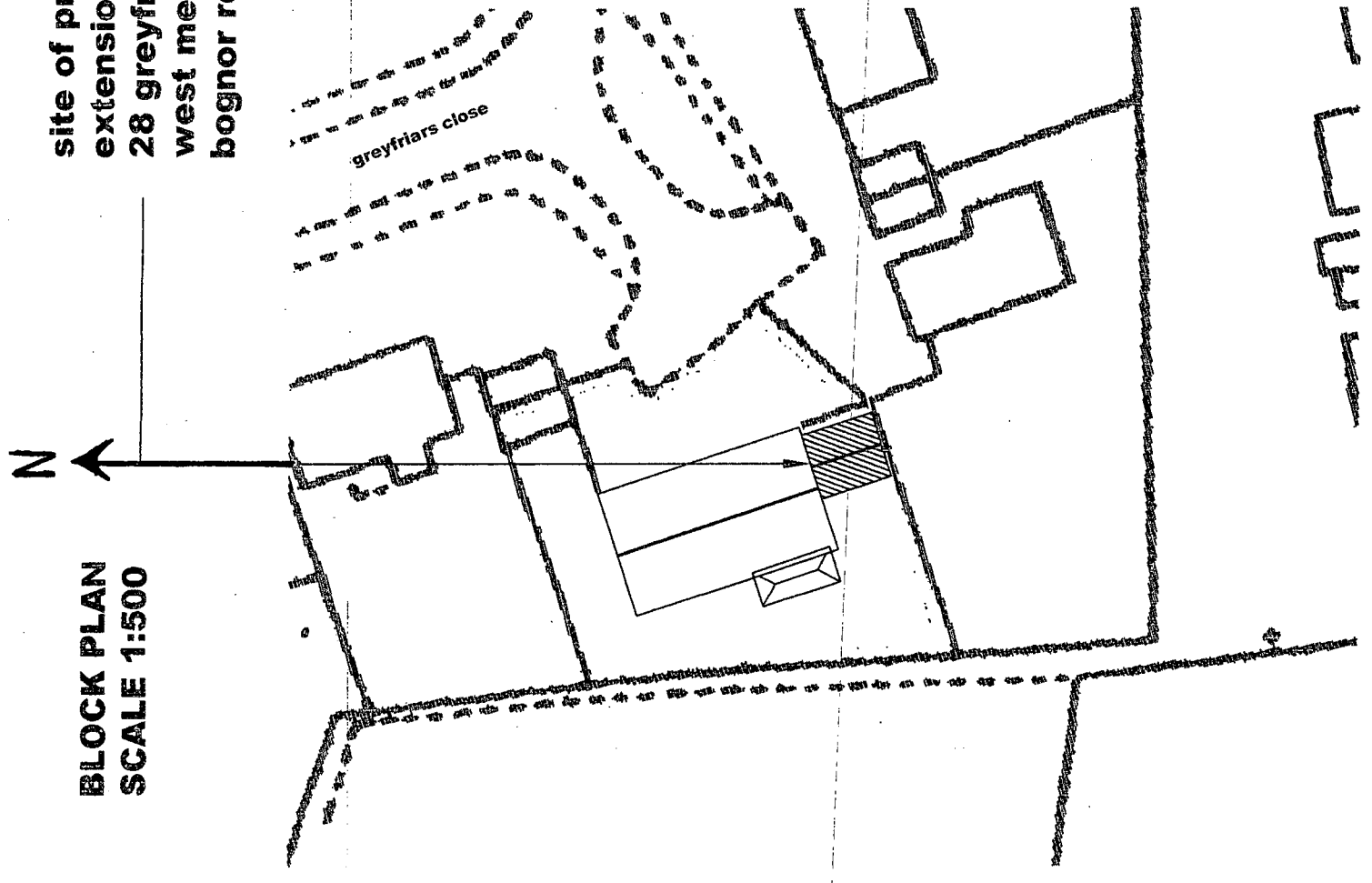


site of proposed single storey extension to the side of: 28 greyfriars close west mead bognor regis

BLOCK PLAN SCALE 1:500



PROPOSED SECTION A-A
SCALE 1:50

No. A2	100	08
RECEIVED		

horizontal ceilings to be insulated with 150mm rockwool insulation with 200mm over. Min U-Val 0.13 W/m2K

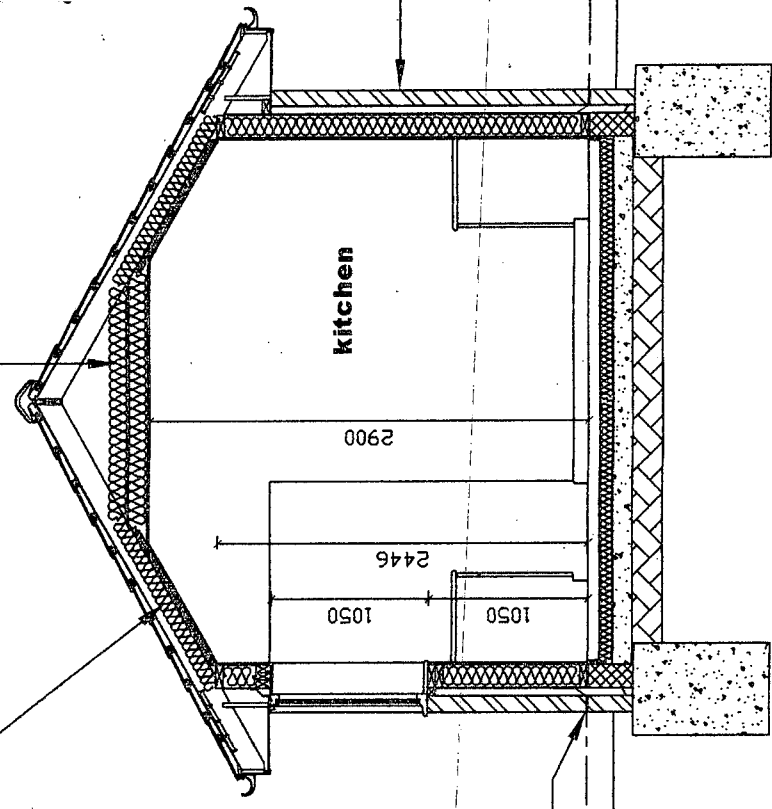
provide ridge ventilation equivalent to 5mm air gap

100mm celotex board insulation (RXR3000) between rafters with 40mm celotex (GA3000) over. maintain 50mm air gap U-Val 0.2 W/m2K

all cavity walling to be closed at head

provide eaves ventilation equivalent to continuous 25mm gap

cavity tray manufactured by Cavitray Plc to be fitted where proposed new roof joins existing external wall at high level with suitable weep vents as required c/w code 4 lead flashing over



cavity walling to comprise 105mm facing brickwork, 50mm clear cavity, 47x140mm treated timber studwork at 600mm c/c with 9.5mm external grade plywood & 1nr layer Tyvek housewrap (or similar approved to cavity side. 100mm celotex board insulation laid vertically between members with 1000g polythene internally as vapour barrier and 12.5mm duplex wallboard with plaster skim coat over. U-Val 0.25 W/m2K

25mm celotex t-break (TB3000) to be fitted where new floor joins existing & external walling to negate thermal bridging

new ground floor construction comprising 125mm concrete slab (float finish) over 90mm (GA3000Z) celotex board insulation on 1200g polythene as DPM inclusive of 25mm sand blinding on 200mm clean compacted granular fill. Min U-Val 0.20 W/m2K

Notes
1. The design and construction of this extension is in accordance with the HBN's & HTI's and current Building Regulations.
2. Do not scale from this drawing unless for Planning purposes. All dimensions to be checked on site and any alterations to be approved by Project Manager and/or Client prior to any work commencing.

Revisions

Project Address:
28 Greyfriars Close
West Meads
Bognor Regis
PO21 5RH

Client Name:
Mr & Mrs M Waleley
28 Greyfriars Close
West Meads
Bognor Regis
PO21 5RH

Drawing Details		Section A-A & block plan	
Project No	PM05	Drawing No	3
Scale	1:50/1:500	Drawn	MEC
		Checked	MRW

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