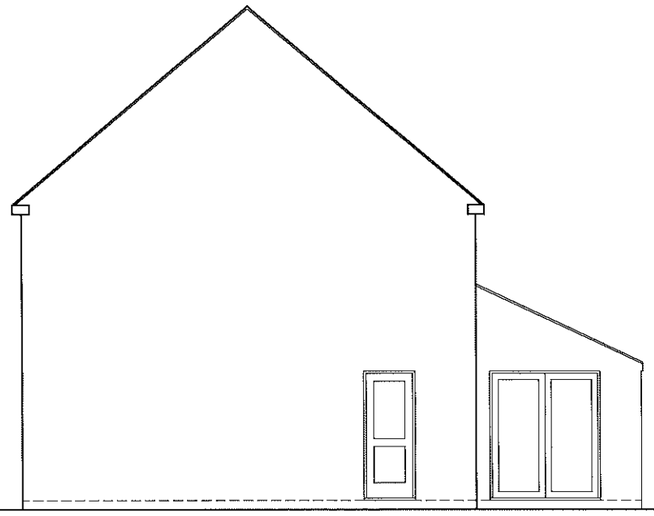
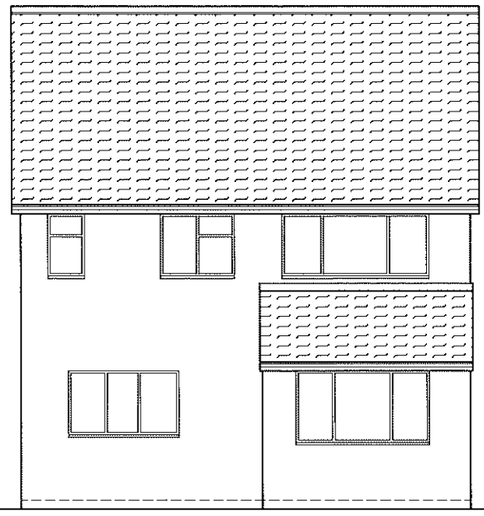


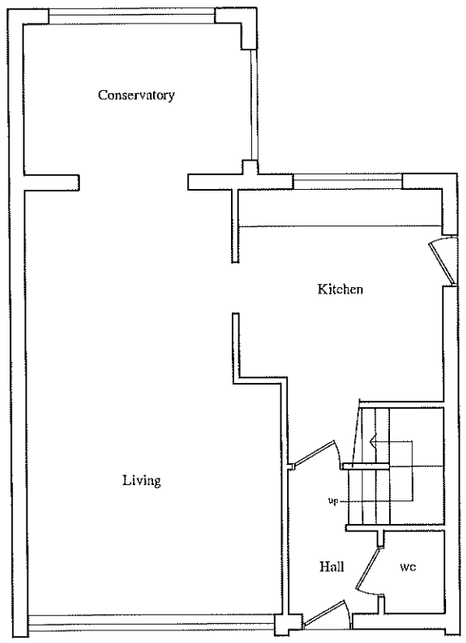
EXISTING FRONT ELEVATION



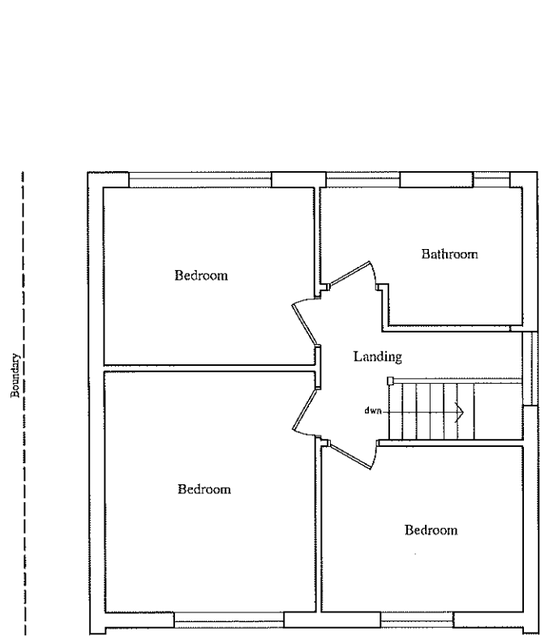
EXISTING SIDE ELEVATION



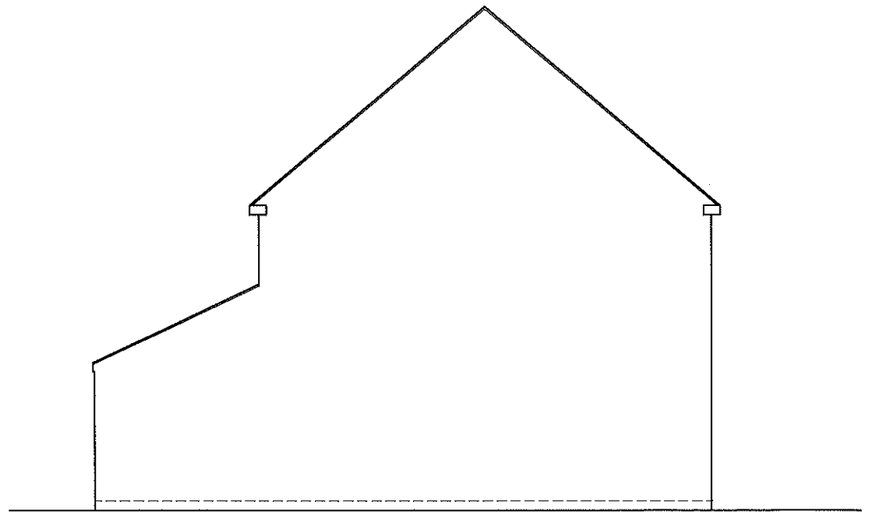
EXISTING REAR ELEVATION



EXISTING GROUND FLOOR PLAN

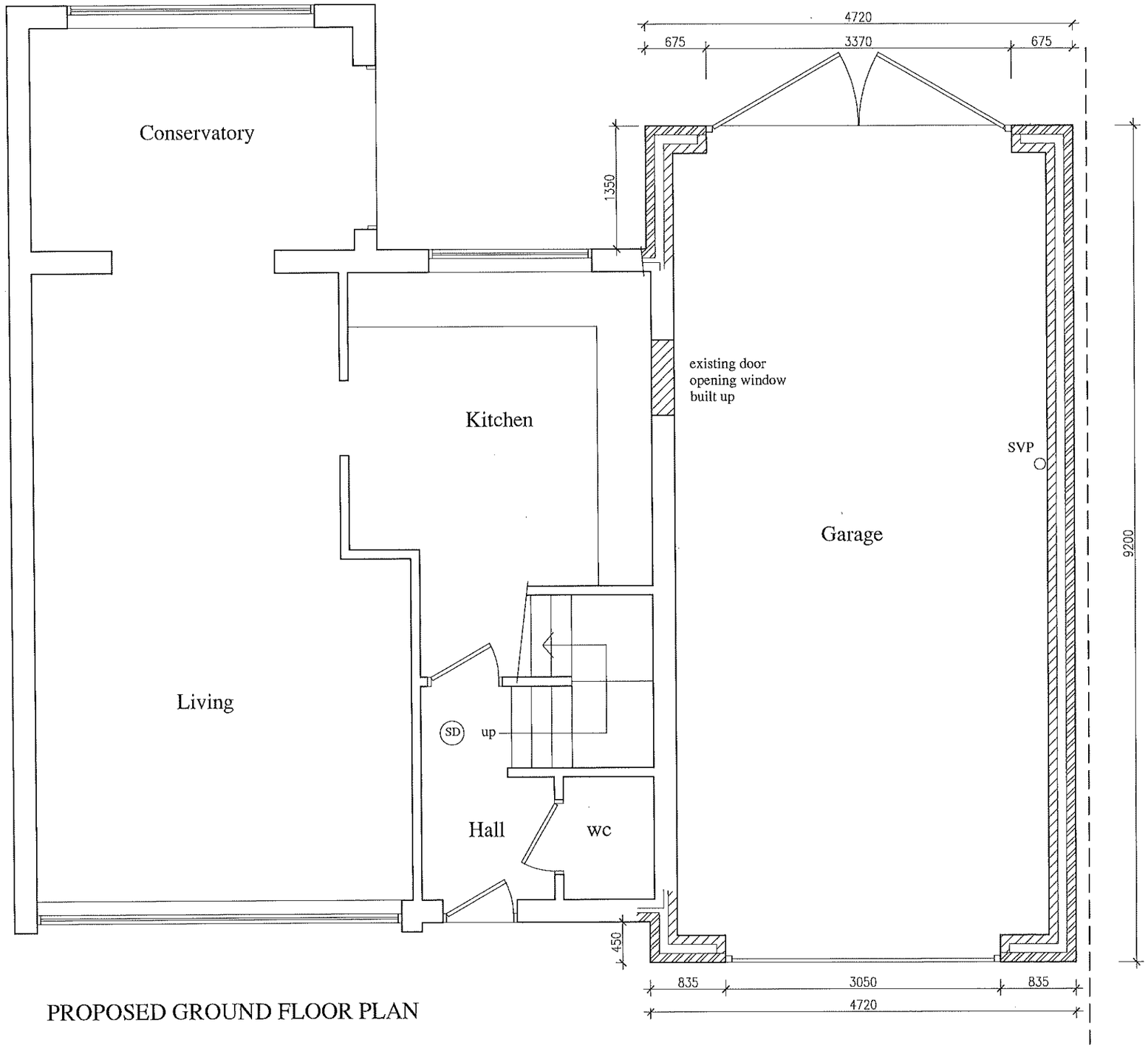


EXISTING FIRST FLOOR PLAN



EXISTING SIDE ELEVATION

Project Title	18B BRIDLE LANE, GREENWICH, RIPLEY DERBYSHIRE.
Drawing	PROPOSED 2 STOREY EXTENSION PLANS AS EXISTING
Scale: 1: 100	Drawn By: NTR
Revision	
Date: JULY 2022	Drawing No: LN1/07/22



PROPOSED GROUND FLOOR PLAN

NTR Design
& Build Limited

NTR Design & Build limited
Waterside, Derby Road
Swanwick
Derbys DE55 1AD
Telephone 07966 432317

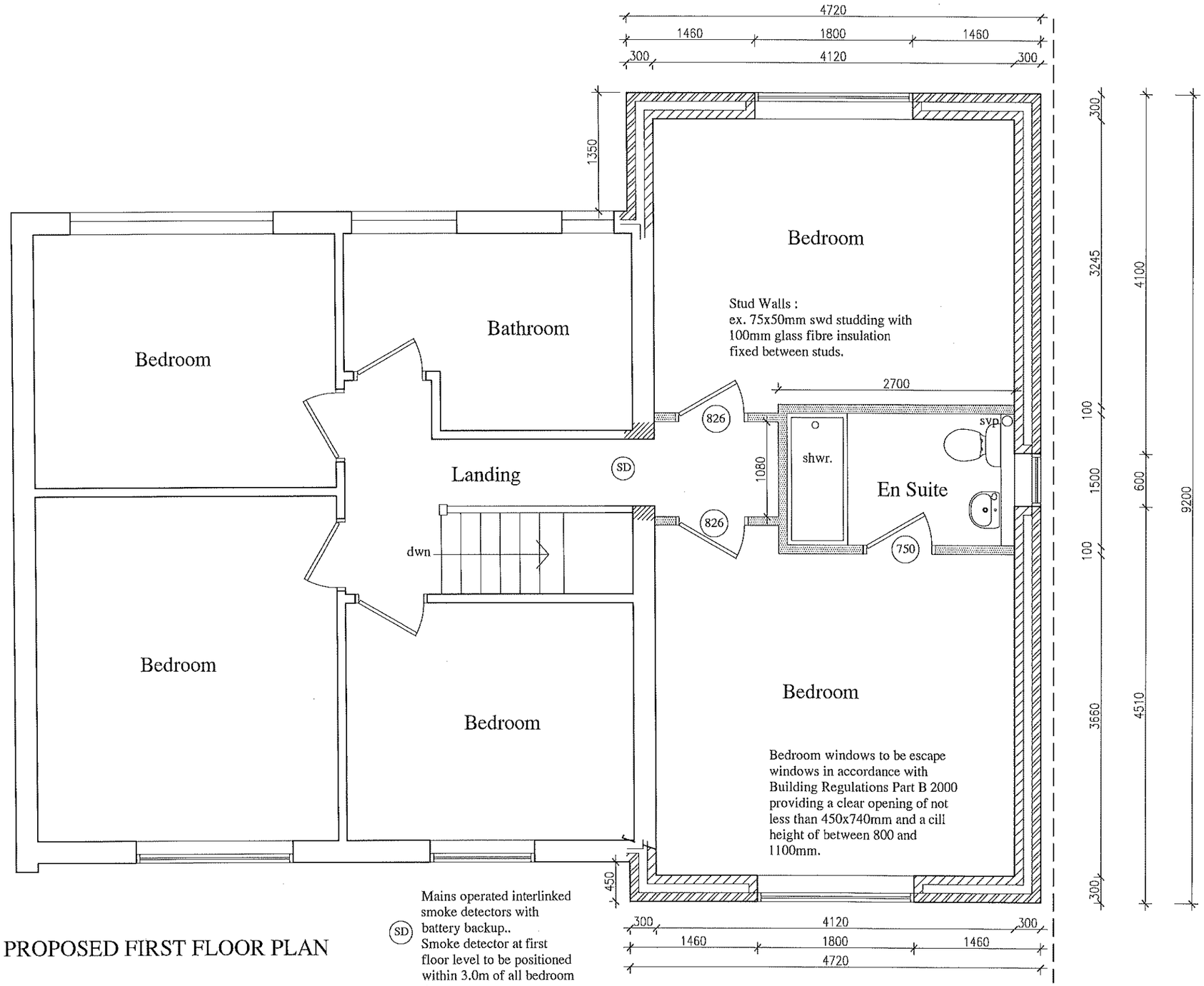
Email - ntrdesign@btinternet.com

Project Title
18B BRIDLE LANE, GREENWICH, RIPLEY
DERBYSHIRE.

Drawing
PROPOSED GROUND FLOOR PLAN

Scale	Drawn By	Revision
1:50	NTR	

Date	Drawing No
JULY 2022	LN2/07/22



PROPOSED FIRST FLOOR PLAN

(SD) Mains operated interlinked smoke detectors with battery backup.. Smoke detector at first floor level to be positioned within 3.0m of all bedroom doors.

NTR Design & Build Limited

NTR Design & Build limited
Waterside, Derby Road
Swanwick
Derbys DE55 1AD
Telephone 07966 432317

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18B BRIDLE LANE, GREENWICH, RIPLEY
DERBYSHIRE.

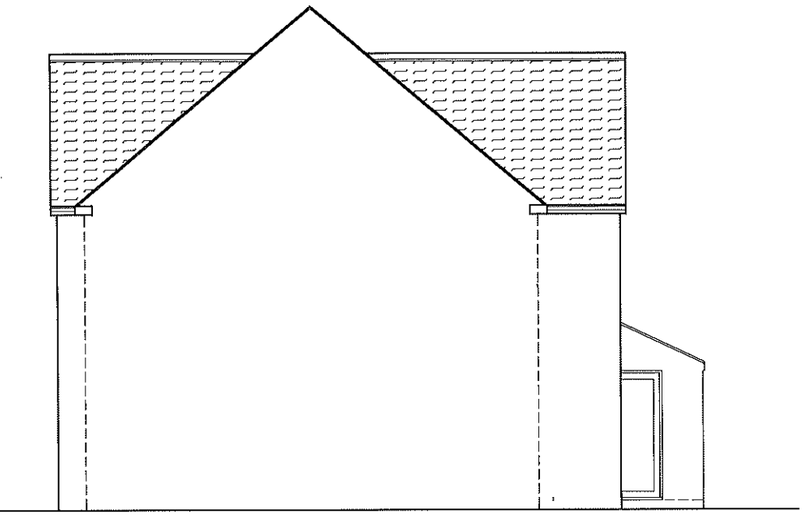
Drawing
PROPOSED FIRST FLOOR PLAN

Scale	Drawn By	Revision
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Date	Drawing No
JULY 2022	LN3/07/22



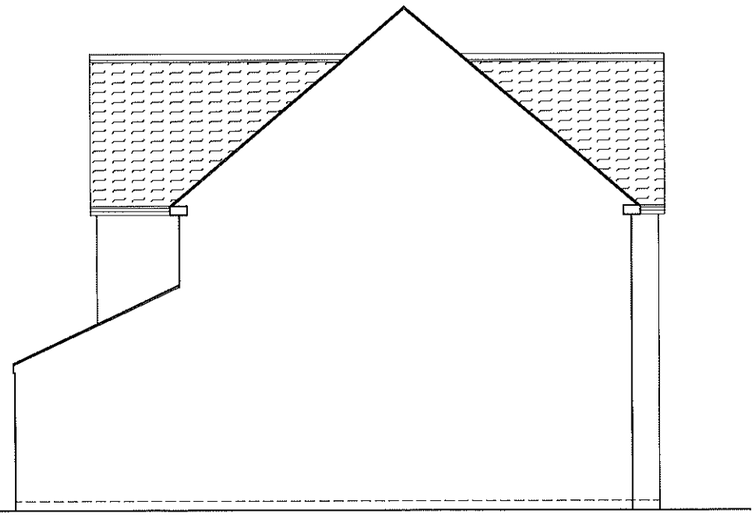
PROPOSED FRONT ELEVATION



PROPOSED SIDE ELEVATION



PROPOSED REAR ELEVATION



PROPOSED SIDE ELEVATION

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Project Title

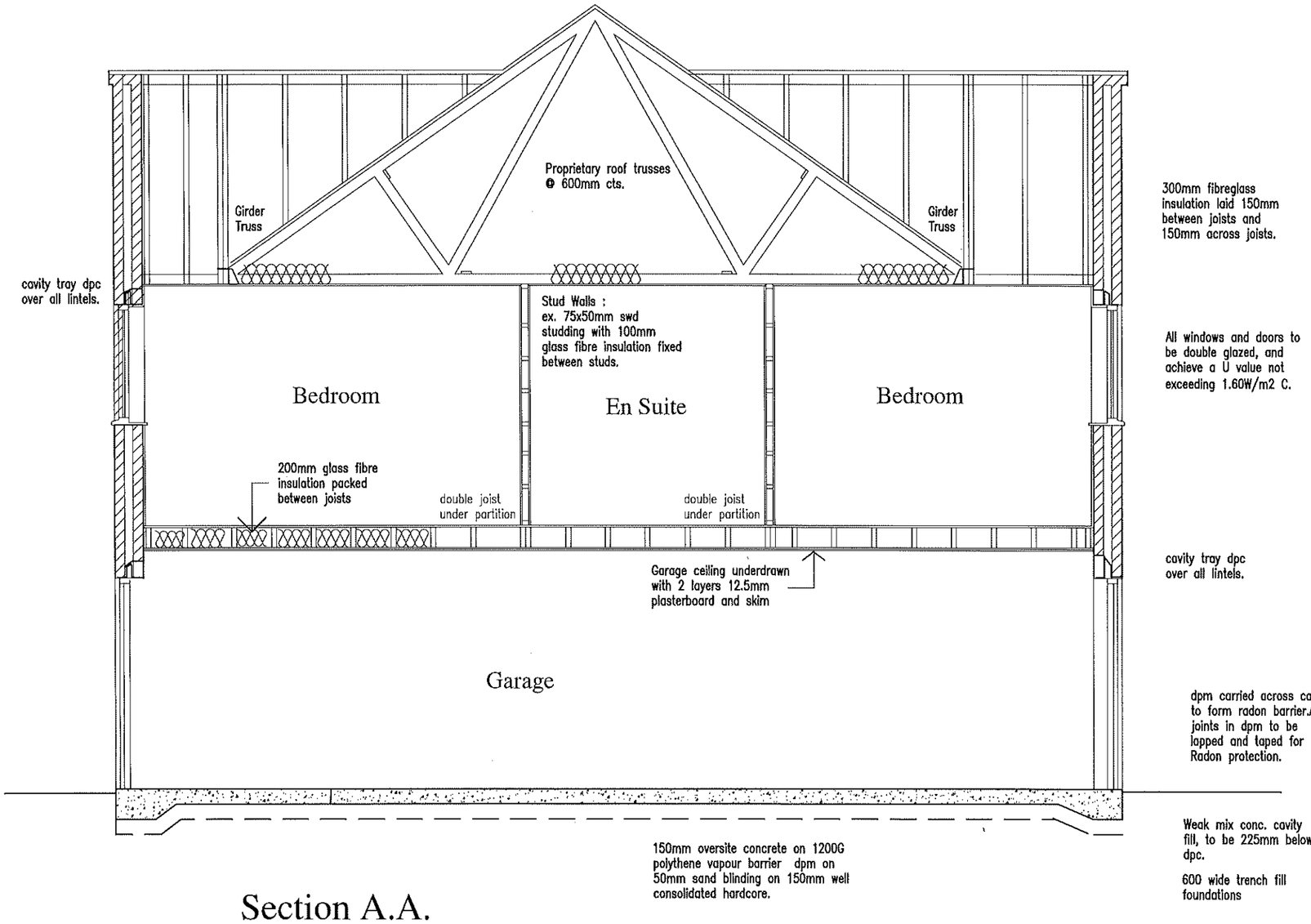
18B BRIDLE LANE, GREENWICH, RIPLEY
DERBYSHIRE.

Drawing

PROPOSED ELEVATIONS

Scale	Drawn By	Revision
1:100	NTR	

Date	Drawing No
JULY 2022	LN4/07/22



Section A.A.

BRIEF SPECIFICATION

Roof Construction:
Interlocking concrete roof tiles, colour to match existing and with 75mm tile lap on 50 x 25mm s/wd tiling battens nailed through TYVEC breathable roofing felt to 175 x 50mm swd rafters @ 400mm cts.
100 x 50mm s/wd wallplate strapped to wall at max. 2.0m cts. using 30 x 2.5mm galvanised m.s. straps.Lateral restraint provided at gable wall by 30 x 2.5mm m.s. lateral restraint straps at rafter level at max. 2.0mm cts. taken over 3No. rafters. All rafters to be nogged out below restraint straps.
Roof ventilation provided by proprietary eaves ventilator running full length of eaves providing equivalent to a 25mm continous air gap.

Cavity Wall Construction:
300mm cavity wall construction ,comprising of 100mm outer skin facing brickwork to match existing, 100mm cavity (with 100mm DRITHERM cavity batts) 100mm inner skin of CELCON SOLAR blockwork or equal, all to give a 'U' value of not greater than 0.28w/m2°c.
Both leaves of wall to be tied together with stainless steel wall ties @ 900mm cts. horizontally and 450mm cts. vertically or to a maximum of 225mm cts at openings.
Lintels over structural openings to be CATNIC CG90/100 or equal with a minimum of 150mm end bearing. Vertical and horizontal dpc's to be fitted to all external openings. THERMABATE cavity closures to be used at all new external openings.
Cavity tray dpc's over all openings not protected by eaves. New walls to be block bonded to existing to the satisfaction of the Local Authority Building Control Officer.

Windows:
All new windows to be fully double glazed and to have trickle vents providing 8000mm2 ventilation. Windows to provide 1/20th floor area opening lights and 1/10th floor area glazed. Windows to be draught proofed and have a air gap of 16mm.
Double glazing to be 16mm air space units (24mm width overall)filled with argon gas, with a Low - E soft coating to achieve a U value of 1.60 W/m2 K.
All new doors and windows to be glazed with Pilkington K glass.

Foundations:
21N/mm2 concrete trench fill foundations 600mm wide, taken to same depth as existing, minimum 1.0m .

Drainage:

112mm half round guttering with new 65mm dia. fall pipe taken to existing drain via trapped gulley.
New drainage to be 100mm dia polypipe or equal, on pea gravel bed and surround laid to approved falls.
Drains passing under extension to be encased in 150mm concrete.
Drains passing through walls to have reinforced concrete lintels over.

General:
Thermostatic radiator valves to all radiators in extension.
No heating appliance is affected by the extension.
No dimensions to be scaled from drawing, all dimensions to be verified on site.
Glazed doors to comply fully with BS6206.
Minimum 1no. energy efficient light to be fitted in the extension.
All electrical work to meet the rquirements of Part P (Electrical Safety) and must be designed,installed,inspected and tested by a person competent to do so. An appropriate BS7671 Electrical certificate to be issued by a person competent to do so.
Existing underfloor ventilation is not affected.

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18B BRIDLE LANE, GREENWICH, RIPLEY
DERBYSHIRE.

Drawing
PROPOSED SECTION & SPECIFICATION

Scale	Drawn By	Revision
1:50	NTR	

Date	Drawing No
JULY 2022	LN5/07/22