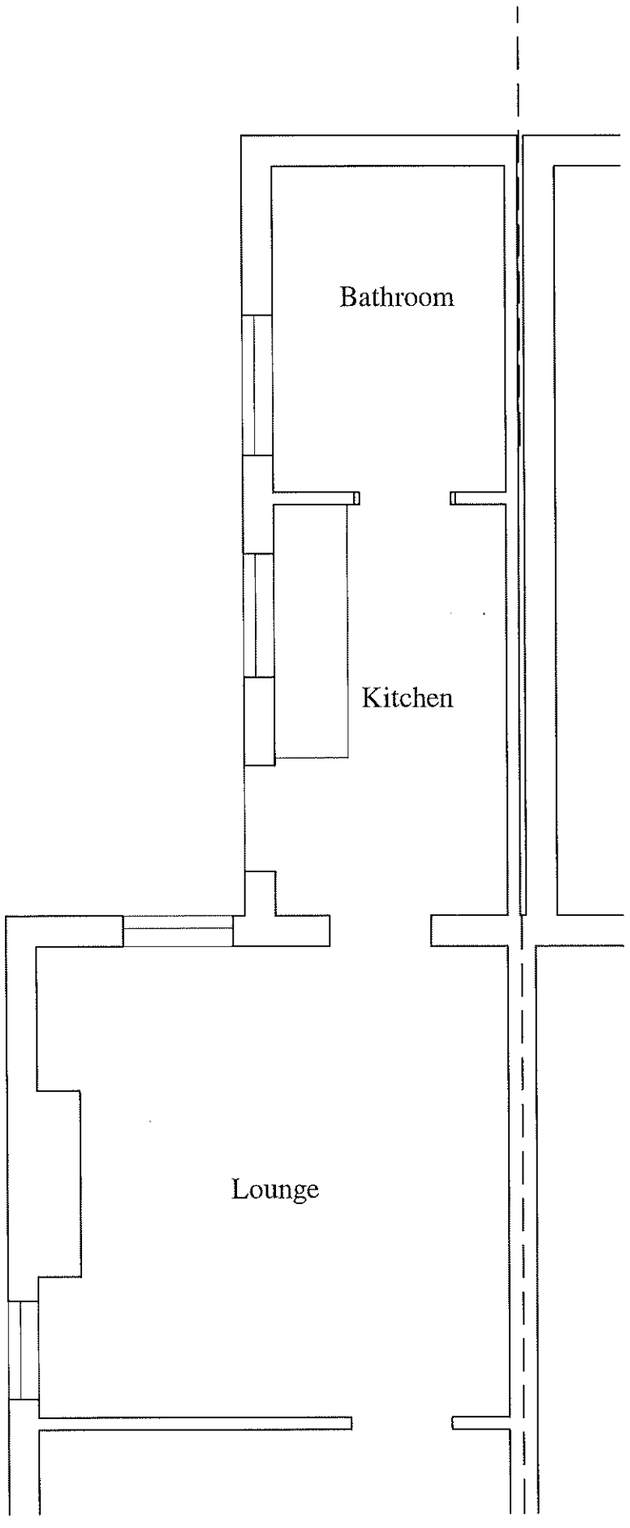
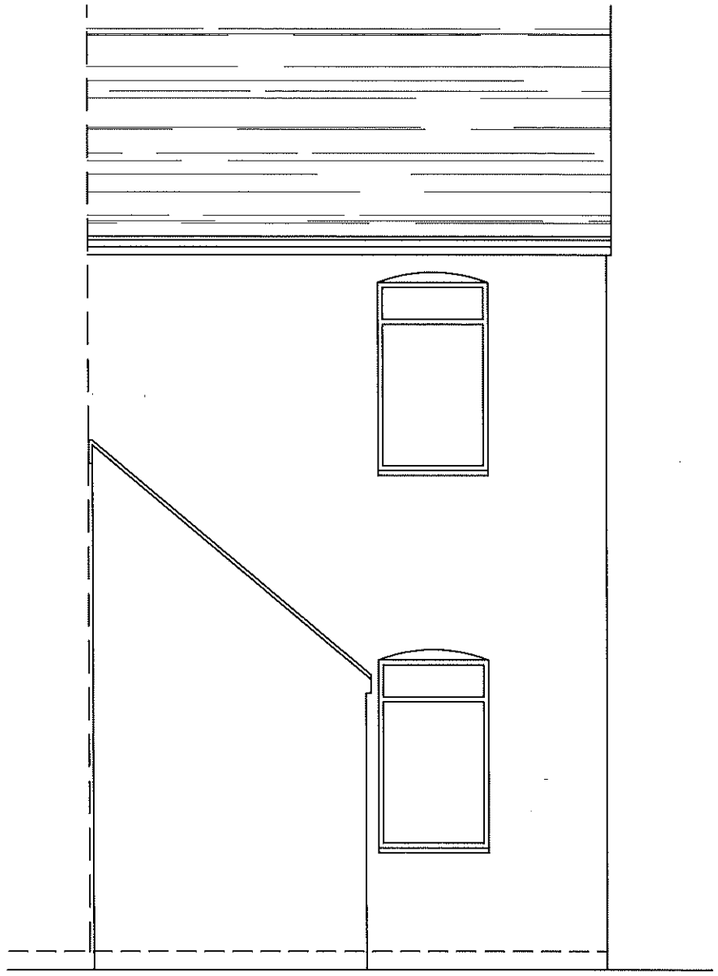
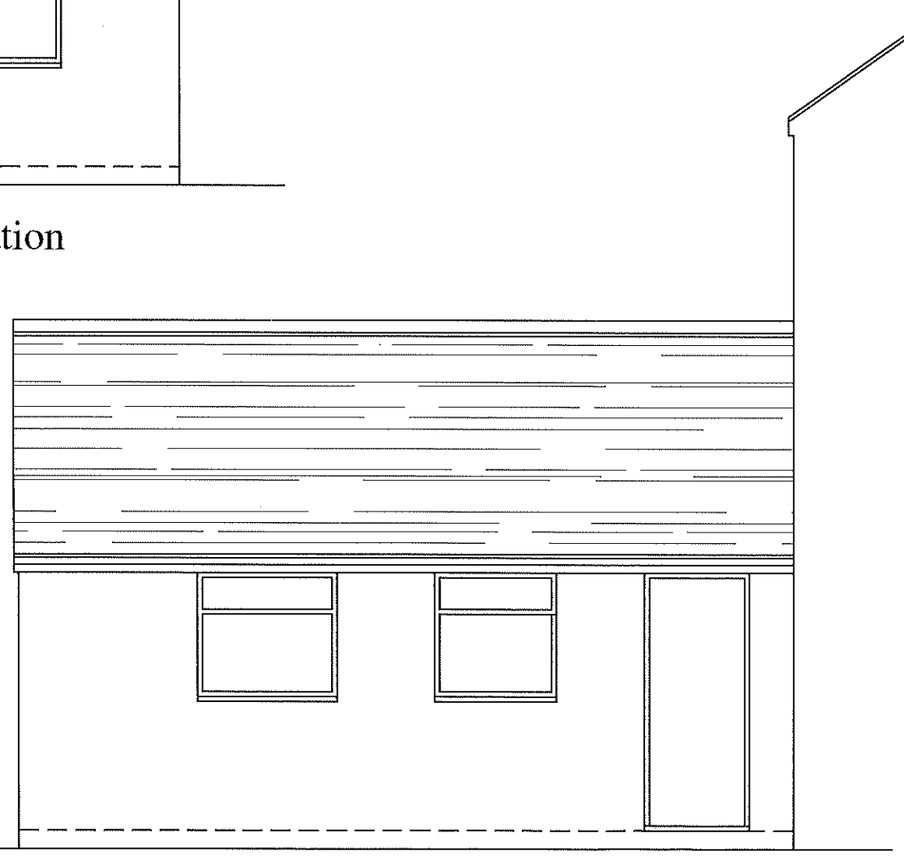


EXISTING GROUND FLOOR PLAN



Existing Rear Elevation



Existing Side Elevation

NTR Design
& Build Limited

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Waterside, 212a Derby Road
Swanwick
Derbys DE55 1AD
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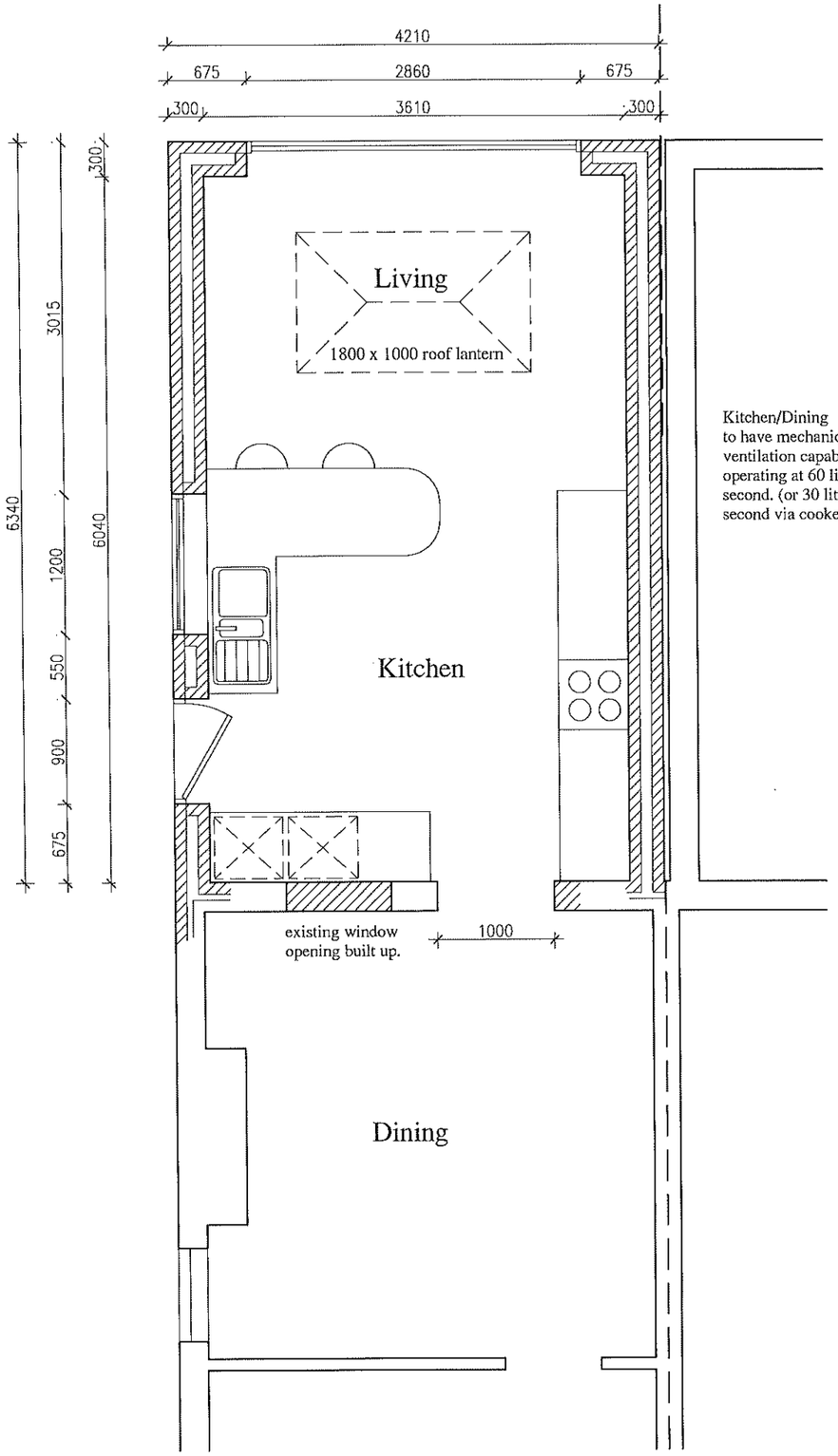
Email - ntrdesign@btinternet.com

Project Title
25 RIPLEY ROAD, HEAGE,
DERBYSHIRE. DE56 2HU

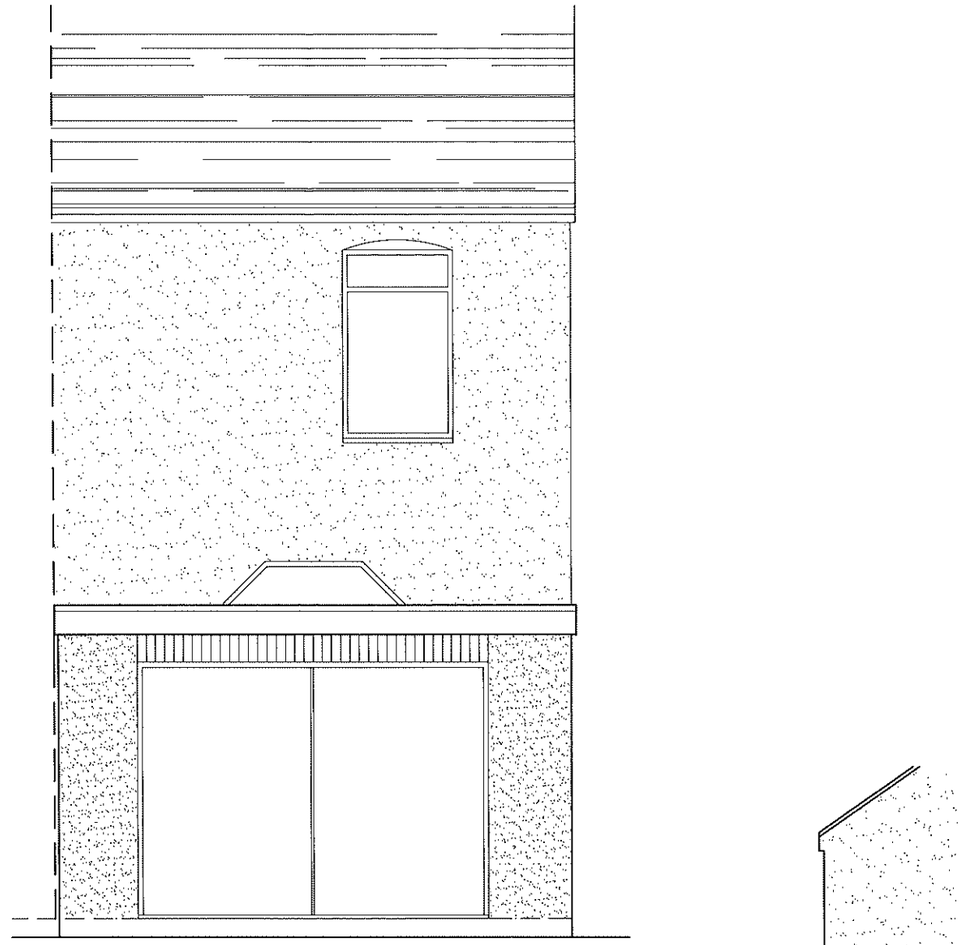
Drawing
PROPOSED SINGLE STOREY EXTENSION
PLANS AS EXISTING

Scale	Drawn By	Revision
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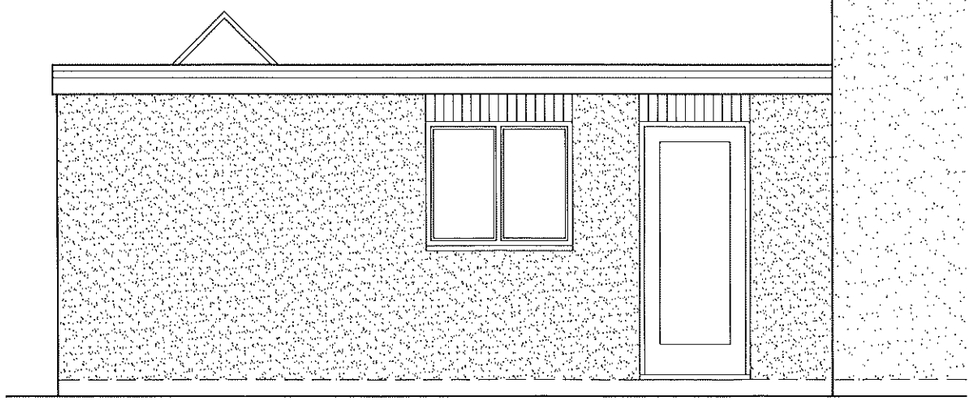
Date	Drawing No
October 2021	NM1/10/21



PROPOSED GROUND FLOOR PLAN



Proposed Rear Elevation



Proposed Side Elevation

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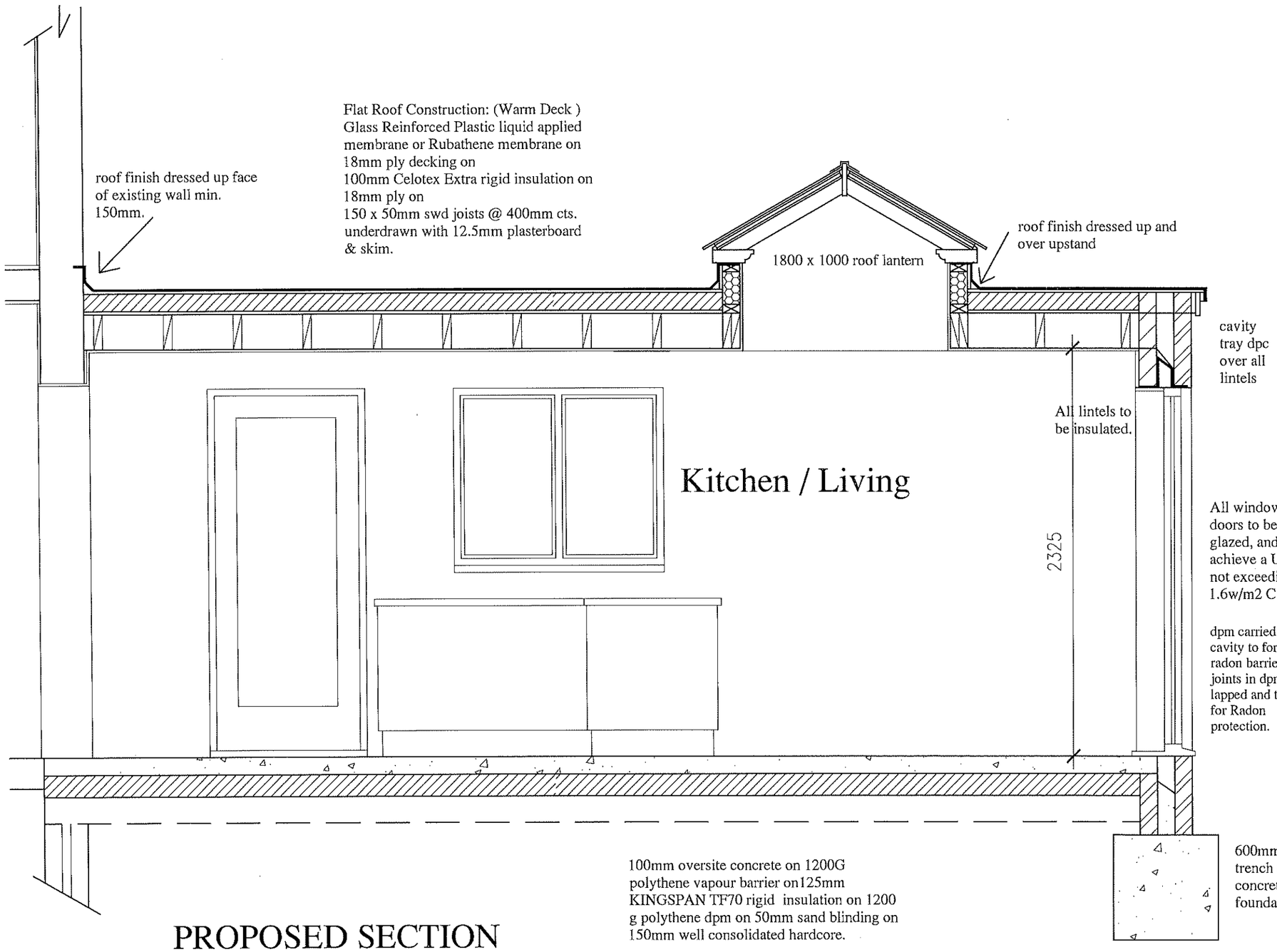
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Project Title
25 RIPLEY ROAD, HEAGE,
DERBYSHIRE, DE56 2HU

Drawing
PLAN AS PROPOSED

Scale	Drawn By	Revision
1:50	NTR	

Date	Drawing No
October 2021	NM2/01/21



PROPOSED SECTION

BRIEF SPECIFICATION

Cavity Wall Construction:
300mm cavity wall construction ,comprising of monocouche finish on100mm outer skin of 100mm concrete blockwork, 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:
sink to have 38mm dia. waste with 75mm deep seal anti vac trap, taken to existing drain via back inlet gulley.
112mm half round guttering with 65mm dia fall pipes, connected to existing drain.
New drainage to be 100mm dia. polypipe underground drainage on pea gravel bed and surround laid top a minimum fall of 1 in 40.
Drains passing under extension to be encased with 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.
Mastic sealant to be provided to all windows externally including under sill and under lintel. Also to be provided around windows internally including under the window board.
All electrical work to meet the requirements 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.

Project Title: 25 RIPLEY ROAD, HEAGE, DERBYSHIRE, DE56 2HU		
Drawing: PROPOSED SECTION & SPECIFICATION		
Scale: 1:25	Drawn By: NTR	Revision:
Date: October 2021	Drawing No: NM3/01/21	