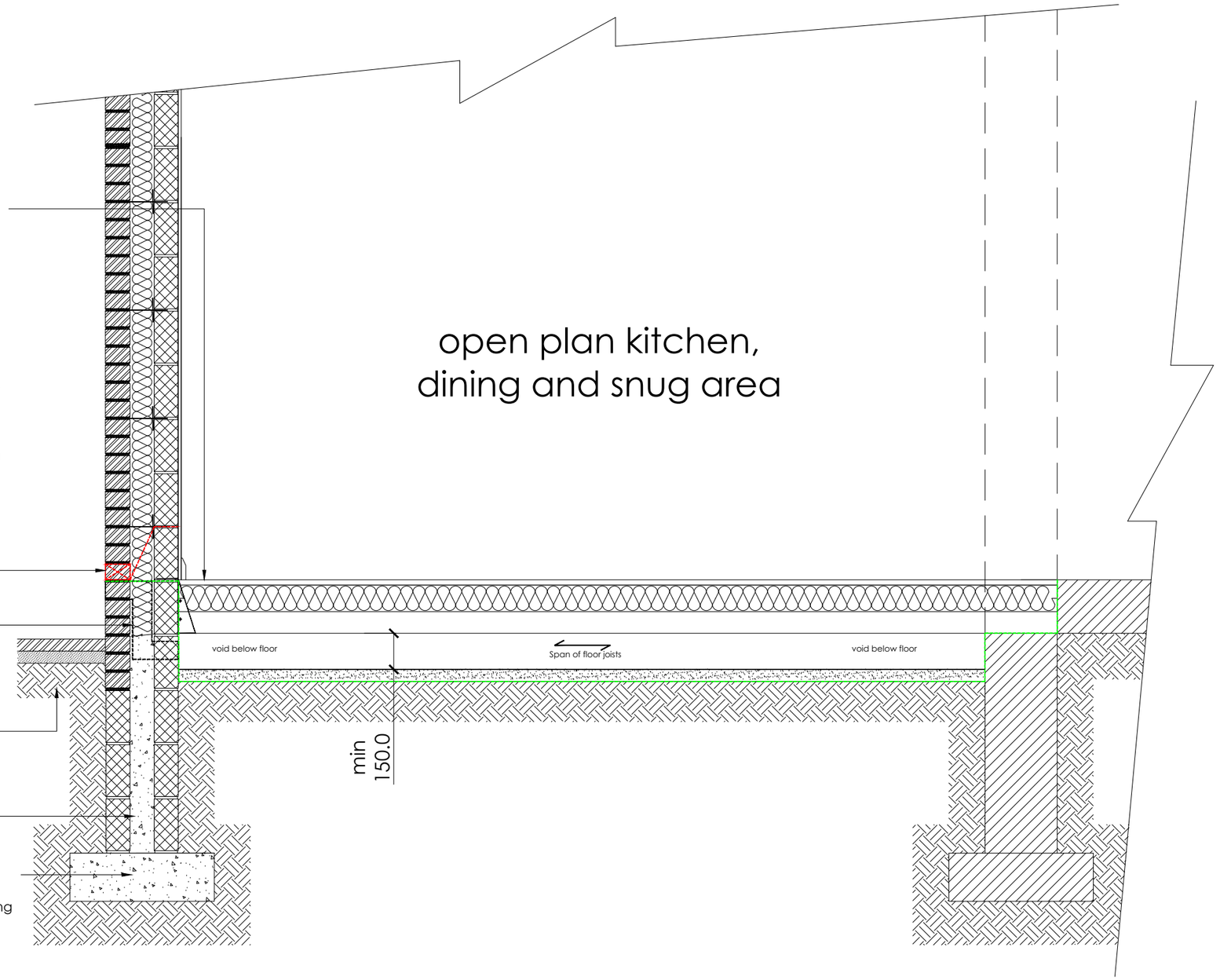
Visqueen Gas Membrane

Property	Result	Units
Mass	400	g/m^2
Methane Permeability	<0.15	$mls/m^2/d/atm$
Puncture CBR	1114	N
Impact Resistance	1000	mm
Tensile Yield Strength MD	12.5	kN/m
Tensile Yield Strength CD	7.3	kN/m
Resistance to Static Loading	20	kg
Yield Elongation CD	19	%

BASIC GAS PROTECTION
Provide a Visqueen Gas Barrier under supsend timber floor lapped 300mm double welted and taped with gas proof tape at joints and service entry points. Carry membrane over cavity and provide suitable cavity tray and weep holes.
Note gas barrier to be applied in lieu of 1200mm gauge polythene DPM under floor slab. Builder to refer to local authority guidelines on requirements of gas barriers.

Timber suspended timber floor: Ground preparation - Remove top soil & vegetation, apply total weed killer & 150mm min thick sand blinded hardcore and prepare the ground to an even surface and lay a ground cover of concrete at least 50mm thick, **on a Visqueen Gas Barrier under suspended timber floor lapped 300mm double welted and taped with gas proof tape at joints and service entry points.** Carry membrane over cavity and provide suitable cavity tray and weep holes.
Note: Gas barrier to be applied in lieu of 1200mm gauge polyethylene DPM under slab. Builder to refer to local authority guidelines on requirements of gas barriers. Floor construction - min 22mm tongue and groove moisture resistant particle/chipboard grade type C4 to BS 5669 as required. Lay staggered joint on 50mm x 200mm C24 grade soft wood joists to be infilled with 110mm Kingspan K103 insulation between joists fixed with Celotex clips. The underside of the floor joists are not to be less than 150mm above the top of the ground cover.



weep holes, at 900mm ctrs, with proprietary fly mesh. DPC, to be min 150mm above external ground level.

provide 150x75mm air bricks for air circulation to below suspended floor slab, position at 900mm Ctrs. horizontally.

client to confirm proposed external works to building perimeter with contractor

back fill cavity with week mix concrete cavity fill

600x225mm conc strip foundation as detailed in specification, to be 750-1000mm deep depending on subsoil conditions. Depth to be agreed on site with building control inspector.

section thru a-a
scale 1:20 at A3

0.5 0 0.5 1 2 5m
1:50@A3

1 0 1 2 5 10m
1:100

10 5 0 10 20 30 40 50 100m
1:1250

The Copyright of a drawing belongs to PJH Architectural Services Ltd and shall not be used or reproduced in any form without its express permission.

All dimensions to be checked on site prior to the commencement of any work.

For the avoidance of doubt all dimensions are measured to wall structure and not the internal/external finishes unless otherwise stated.

Where any discrepancy is found to exist within or between drawings and/or documents and site, it should be reported to the client and PJH Architectural Services Ltd immediately.

PJH Architectural Services Ltd shall not be liable for any use of drawings and documents for any purpose other than for which the same were prepared by or on behalf of PJH Architectural Services Ltd.

Drawing to be read in strict conjunction with structural engineers details. Note, with regards to structural elements and details these take precedence over the information shown on this drawing.

Please send any corrections and discrepancies's to: enquiry@pjhas.co.uk

Proposed planning drawings

Project	Ground floor side & rear and first floor side extension
Site Address	64 Polefield Road, Blackley, Manchester, M9 7FL
Client	Stuart Davidson
Drawing status	Planning
Drawing title	Section a-a
Date	September 2021
Scale	1:20 @ A3
Drawn	OP
CK	JB
Dwg No.	2021-1544-P-107
Rev	

PJH Architectural Services Ltd
Manchester: 0161 450 0382 Login: 01942 582271
Email: enquiry@pjhas.co.uk
www.pjharchitecturalservices.co.uk