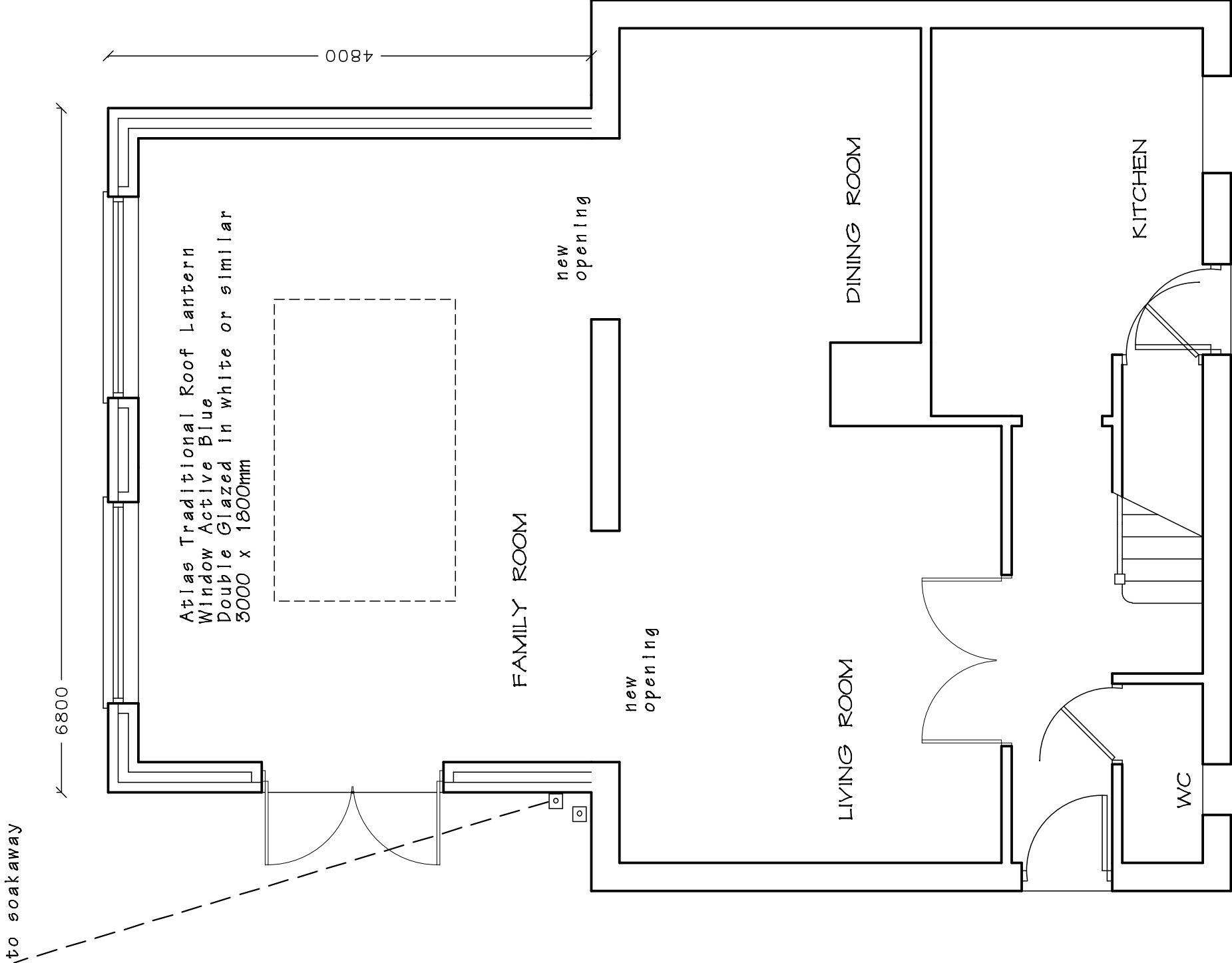




Electrical Installations
All fixed electrical wiring installed in dwellings must comply with Part P of the Building Regulations.
All work performed on new or existing electrical circuits or systems must be designed, installed, inspected, tested and certified by a competent person in accordance with the current version of the IEE Regulations as documented in BS 7671.

The competent electrician must provide signed copies of an electrical installation certificate conforming to BS 7671 for the owner of the property and for notifiable works a copy of the completion certificate must be forwarded to the Building Control surveyor for approval at completion, so the Building Control completion certificate can be issued.

Cavity wall construction (U-value not worse than 0.21 W/m2.k)
100mm dense block outer leaf,cavity,partial fill insulation, facing brick finish.

Clear Cavity width 50mm Overall cavity width 125mm (75mm Celotex Cg5000 K value 0.022 or similar)

Internal Block Type and Thickness - 100 mm dense concrete block (K value 1.13) with 13mm lightweight plaster.

Foundations
To be specially designed and approved.

Ground bearing solid concrete floors (U-value 0.22 W/m2.k)
Topsoil and vegetable matter to be cleared from site and floor area to be in filled between walls with minimum 150mm/maximum 600mm clean, sand blinded, mechanically compacted, hardcore.
1200g (300 micrometer) continuous polythene damp proof membrane (DPM) lapped and sealed at all joints and linked to DPC's in walls.

Lay floor grade insulation (CelotexGA4000 or similar) over DPM, minimum thickness and type in accordance with the guidance table including 25mm thick insulated up-stands between slab and external walls.

Lay 100mm minimum thick ST2, or Gen1 concrete floor slab with a trowel smooth surface ready for finishes over insulation, (note: 500g polythene separating layer is to be installed between the concreteslab and insulation if using a foil faced polyurethane/PIR type insulation board.)

Foundations
Will be specialist either Raft and Piled type which will be to the discretion of the Local Authority building control officer.

Raft will require structural engineer design.

Piled be special contractor such as Roger Bullivant
Unit 20 Mardon Park
Central Avenue
Baglan Energy Park
Port Talbot
SA12 7AX
Tel: 01639 895641
info@roger-bullivant.co.uk

PROPOSED EXTENSION AT 3 VILLAGE GARDENS,BAGLAN MOORS, PORT TALBOT. SA12 7LW for Mr.Lee Prosser.

DRAWING TITLE		
EXISTING LAYOUT		
SCALE 1 to 50 @ A3	DATE July 2021.	DRAWING No. 2021/07
DO NOT SCALE DRAWING. FIGURED DIMENSIONS ONLY TO BE USED. DISCREPANCIES TO BE REPORTED IMMEDIATELY.		