

Main Roof: U-Value 0.16 W/m2K.
Concrete tiles to match existing fixed to manufacturers recommendations on 38 x 25mm s.w.treated battens, sarking felt and trussed rafters at 600mm centres strap every other rafter to wall below plate with 450x50x5mm galvanised m.s straps to inner skin of external wall and internal load-bearing wall.

Wall plates fixed to blockwork using 30x5mmx1200mm galvanised anchor straps at max 2m centres.

Finish with 12.5mm plasterboard lining with skimmed finish.

Covering concrete interlocking tiles Marley Modern fixed in accordance with manufacturers recommendations onto treated timber battens on reinforced roofing felt to 85747 type 1F.

Fascias to be upvc (to match existing) fixed to ends of trusses with upvc soffit incorporating continuous ventilation to promote cross ventilation to roof space.

Roof insulation laid horizontally between and over ceiling joists. (Vented cold roof achieving a U-value of 0.16 W/m2.k)(Rockwool Roll K value 0.044 or similar) 100mm between joists and 170mm laid over joists

Valleys and lead work
Lead work, flashing, soakers, valleys and gutters, etc. to be formed from Code 5 lead sheet and fully supported on treated valley boards, etc, and to have a minimum 150mm lap joints, dressed 200mm under tiles, etc, and not to be fixed in lengths exceeding 1.5m and to be fixed in accordance with the roof cladding manufacturer's and the Lead Sheet Association recommendations.

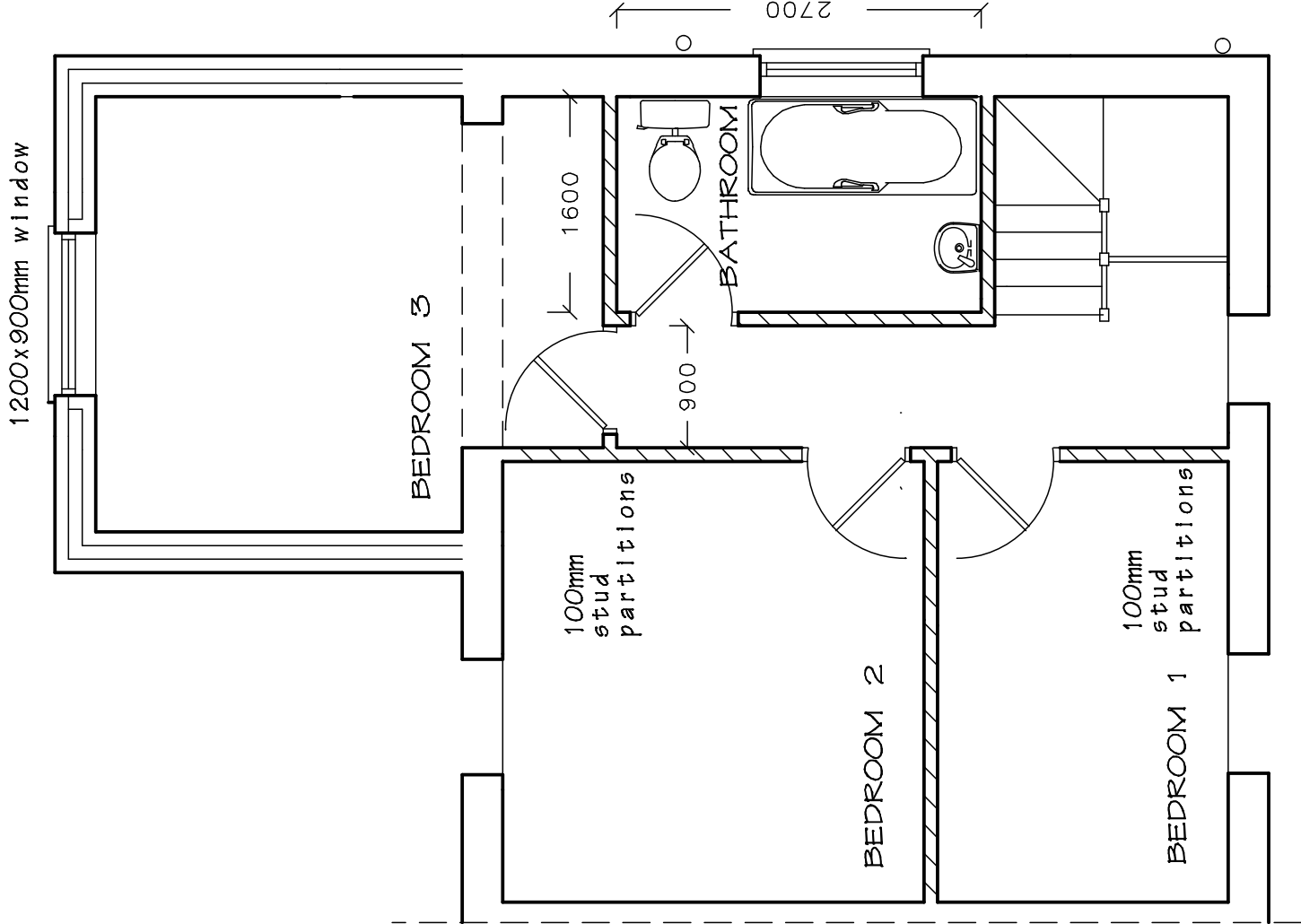
Electrical installations
All fixed electrical wiring installed in dwellings must comply with Part P of the Building Regulations.

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, waterproof render to match 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.

All returns and reveals to be insulated "Therabate" surrounds.
Stainless steel wall ties to be 200 x 25mm twisted type at 900mm horizontal c/c and 450mm staggered vertical



PROPOSED EXTENSION AT 9 JUBILEE CRESCENT, SKEWEN, NEATH.SA10 6TP.
Mr.S.Cousins 07498 282370.

DRAWING TITLE		
PROPOSED FIRST FLOOR		
SCALE 1 to 50 @ A3	DATE July 2019.	DRAWING No. 2019/01
DO NOT SCALE DRAWING. FIGURED DIMENSIONS ONLY TO BE USED. DISCREPANCIES TO BE REPORTED IMMEDIATELY.		