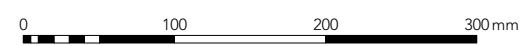


- refix existing natural roofing slates set aside previously on 45 x 45 mm treated timber counter battens @ max 600 mm centres
- Powerlon UltraPerm breathable roofing underlay (WINDTIGHTNESS)
- 100 mm layer semi-rigid woodfibre insulation batts (lambda value 0.036 W/mK) carefully fitted between 95 x 45 mm C24 timber rafters @ 400 mm centres
- 120 mm semi-rigid woodfibre insulation batts (lambda value 0.036 W/mK) carefully fitted between purlins
- 120 x 70 mm C24 timber purlin bolted to existing purlin to structural engineer's detail
- 70 x 45 mm treated timber noggin between rafters
- proprietary plastics fascia ventilator and tray to provide a free air flow area equivalent to continuous 25 mm opening
- Lindab 'Rainline' RTRA colour coated galvanised steel gutter
- carefully remove existing natural slate roof covering and set aside for re-use
- code 5 lead fascia cladding with welted joints at maximum 1500 mm centres on 25 mm exterior quality plywood
- semi-rigid woodfibre insulation batts (lambda value 0.036 W/mK) carefully fitted within cavity
- remove existing gutter and timber fascia
- lead welted drip formed around continuous copper edge strip
- existing brickwork

- existing timber boarding
- pro clima Intello Plus high performance vapour check (AIRTIGHTNESS)
- 60 mm rigid wood fibre insulation; lambda value 0.038 W/mK
- proprietary mesh reinforced lime based plaster system
- existing 150 x 100 mm timber purlin
- existing timber corbel
- remove existing fretted timber panelling; 18 mm plywood infill support for wood fibre insulation
- self-adhesive airtightness tape to connect airtightness membrane to existing lime plaster (AIRTIGHTNESS)
- proprietary mesh reinforced lime based plaster system
- 80 mm rigid wood fibre insulation bonded and mechanically fixed to plaster; ensure no cavity between rear of wood fibre and plaster; lambda value 0.038 W/mK
- existing lime plaster (AIRTIGHTNESS)

Rev	Date	Amendment	By	Chkd
C3	17.02.24	Solitex membrane replaced by Powerlon UltraPerm breathable roofing underlay	AG	
C2	08.09.23	DA membrane and DHF board omitted; Intello and Solitex membranes added	AG	
C1	08.09.23	Initial construction issue	AG	



## Main roof eaves detail

Proposed conversion to dwelling  
 Former Methodist Chapel, The Street, Braughing, Herts SG11 6RD

Scale 1:5 @ A3 Date Sep 2023 Drawing no. 22\_404 | A | 507\_C3