

MAIN ROOF CONSTRUCTION

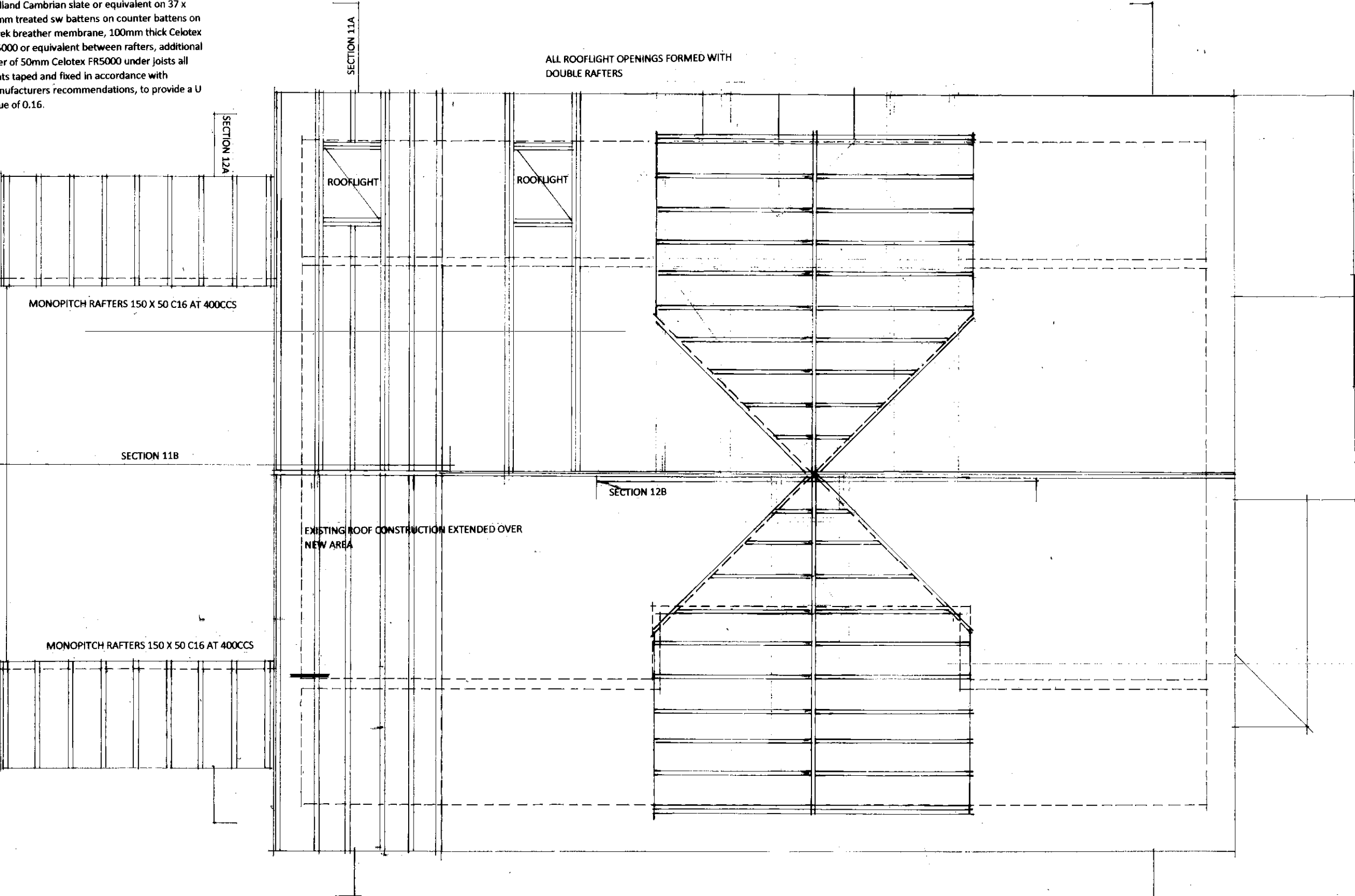
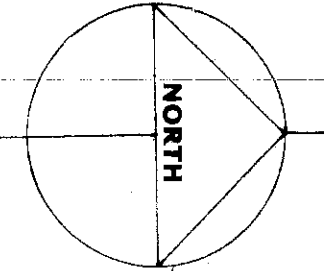
New roof joists to gable end of roof to be 50 x 170 C16 at 400ccs. Rooflight openings to be formed with double rafters and trimmers.

FLAT ROOF FINISH

Single ply membrane on separating layer. Roof to be insulated with 135mm thick CELOTEX TA4000 or equivalent above deck, all joints taped and fixed in accordance with manufacturers recommendations, all to provide U value of 0.16.

PITCHED ROOF FINISH

Redland Cambrian slate or equivalent on 37 x 25mm treated sw battens on counter battens on Tyvek breather membrane, 100mm thick Celotex FR5000 or equivalent between rafters, additional layer of 50mm Celotex FR5000 under joists all joints taped and fixed in accordance with manufacturers recommendations, to provide a U value of 0.16.



Pitched roof rafters to be 150 x 47 C16 at 400mm centres, ceiling joists to be 147 x 47 C16 at 400mm centres.
Ceiling void to be insulated with 250mm Frametherm insulation laid in two layers. Redland Cambrian slates to porch roof on treated sw 25 x 19 battens at suitable gauge on Tyvek underlay secured with counterbattens, valleys to be formed in Code 4 leadwork.

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DRAWING TITLE
PROPOSED ROOF STRUCTURE
SCALE
1/50 at A3
REFERENCE
11621.14A