



Proposed Roof Plan

Lift requirements are subject to detailed design. It is possible that the lift shaft will require additional headroom beyond the roof structure, possibly only for installation of the lift itself; and/or possibly for one-off future maintenance. To achieve this, a section of the roof rafters, insulation, membrane, battens and slates is to be independent of the rest (as hatched), allowing for installation after the lift and possible removal in the future. In terms of appearance, the roofline will be unimpacted.

Code 5 Lead triangular roof vents set at c.400mm below ridge tiles. Number / centres of vents to be determined. Continuous eaves ventilation to be incorporated.

Highlighted pyramidal vents will provide bat access to roof space. These will differ from other pyramidal vents in construction and material (so as to suit bat use) However will have similar appearance from ground. One or more of these could provide a hopper entrance for lesser horseshoe bats with a 30cm x 30cm air gap, with a 50cm chute (at 45 degrees) leading in, lined with lead or sheet metal.

Within roof plane over bat roost, there will be further access tiles and modified ridge tiles to provide dedicated access into the roof for crevice-dwelling species present onsite. Access will also be created under some of the standard roof slates, by cutting a notch from the new slate to create a gap under the slate, which will lead to the narrow space between membrane, timbers and slates. Notches will also be cut out of the battens in some areas to enable the bats to move more easily up and down the roof under the slates.

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All drawings and specifications should be read in conjunction with the project health and safety plan; any possible conflicts should be presented to the Planning Coordinator.
All work to be carried out in accordance with current Building Regulations.
Contractors must verify all dimensions at the job before commencing any work or making shop drawings.
Written dimensions should be taken. Do not scale off drawing. Do not take digital dimensions from this drawing.
Any discrepancies to be reported to the Architect.



Scale - 1:150 @A3

| P01 | 18.08.25 | First Issue | | EM | BP |
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| Rev | Date | Comment | | Dr | Ch |
| /Volumes/Draw/CAD/(536)2324 Merthyr Tydfil Synagogue/A_Architects_(GWP)/Model/2324-GWP-01-22-MS-A-18-P01_Merthyr Synagogue P04.rvt | | | | | |

GWP Job Reference (536)2324

Job Title Merthyr Tydfil Synagogue Project

Client



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Name (536)2324-GWP-01-XX-D-A-(PA)-0021

Scale 1:150@A3 Revision P01

Drawn/Checked EM / BP First Issue 18.08.25

Drawing Status S2 - Planning



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