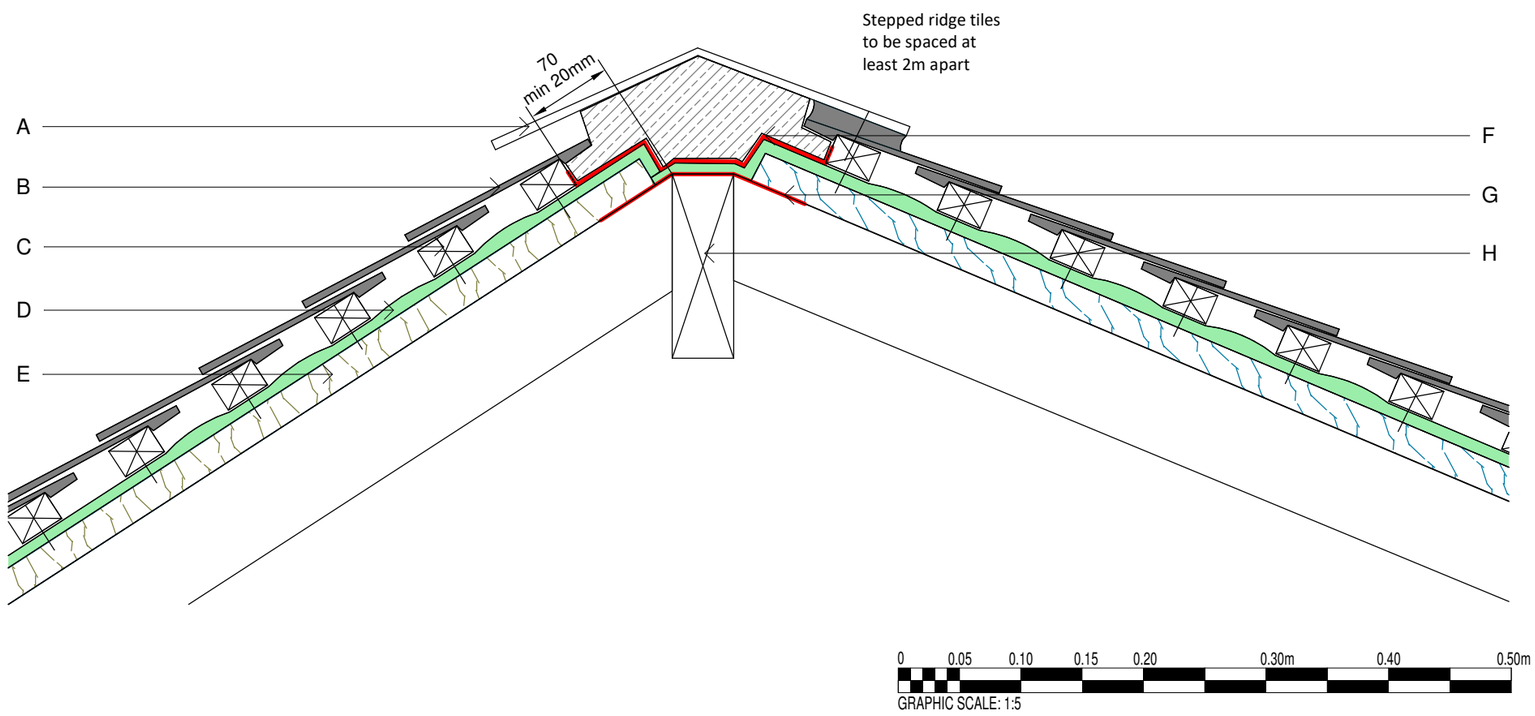
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All Dimensions and Levels are to be checked on site, prior to commencement. All contractors are to be responsible for taking and checking all dimensions relative to their work. Dimensions are in millimetres unless otherwise stated. bpArchitecture are to be advised of any variation between drawings and site conditions. This drawings is to be read in conjunction with all other consultant's drawings, specifications and schedules.....IF IN DOUBT ASK

Rev.	Drawn	Comments	Date
1	SS	Detail revised from fibre cement slate roof to plain tile roof.	16/06/20



A Ridge tiles fixed with 60mm x 14 gauge self-sealing wood screw fixings. Set on top of adjacent tiles to allow entry for the bats to nest. Mortar tiles for cosmetic purposes, main fixing should be mechanical in accordance with current roof tile BS Standards.
Ridge tiles for bats to be set min 2m apart and form a gap between the main line of tiles 20mm high x 50mm in length to allow entry of bats.

B Plain roof tiles fixed with 60mm x 14 gauge tiling nails, each tile to be twice fixed to meet current BS. Headlap to match existing tiles but be no more than 100mm guage.

C New 25x50mm s/w tiling battens over TLX Gold or LR membrane.

D New TLX Gold 33mm thick insulation with integral membrane, or LR membrane, fixed to first layer of counter-battens - fixed taught, ensure that there is a 20mm air gap above and below membrane to allow roof to breathe. [the counterbattens provide this gap]
[The TLX Gold compresses to 3mm, expanding 20mm down and 10mm up into counterbatten areas.The TLX is to be left short at the tilting fillet, with the integral breather membrane.]

E New 25x50mm s/w counter-battens fixed under TLX membrane or LR membrane to rafters (to provide ventilation zones)

F Bituminous roofing felt fixed to roof tile battens to underside of ridge tiles for the full length of the ridge, dressed up the back of the top tiling batten, to create a full void to the underside of the ridge tile, but prevent access to the remainder of the insulated void between rafters or under the TLX membrane. The felt must not allow any gaps to underside of roof.

G Bituminous roofing felt fixed to rafters and ridge board.

H New ridge board.

Typical Bat Mitigation Ridge Detail - Plain Tiles
1 : 5

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CDM: Work must not start on site before a Construction Phase Health and Safety Plan is in place (if applicable). Client is responsible for ensuring that a Principal Designer and/or Principal Contractor has been appointed and the Health and Safety executive have been notified (for projects which will involve more than 500 person days and/or will last more than 30 working days on site).

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Client
Mr & Mrs Jones

Project
Replacement Dwelling at 24 Wedgwood Lane, Biddulph, ST8 6RL

Title
Typical Bat Mitigation Ridge Detail

Status
RIBA Stage 3: Planning Discharge

Date	Dec 2019	Drawn	SS
Scale @A3	1 : 5	Checked	-
Project No	Drawing No.		
18-063	AA(2)201	Rev	1

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