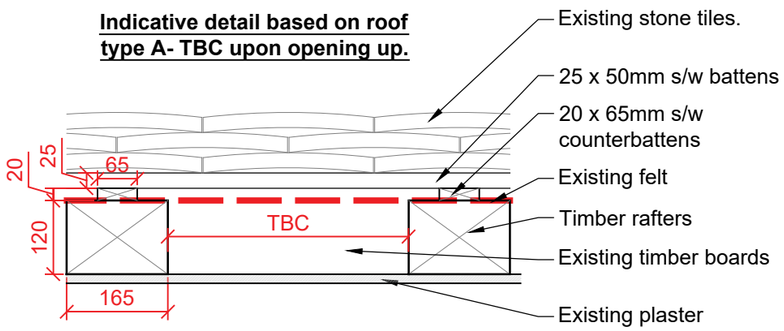
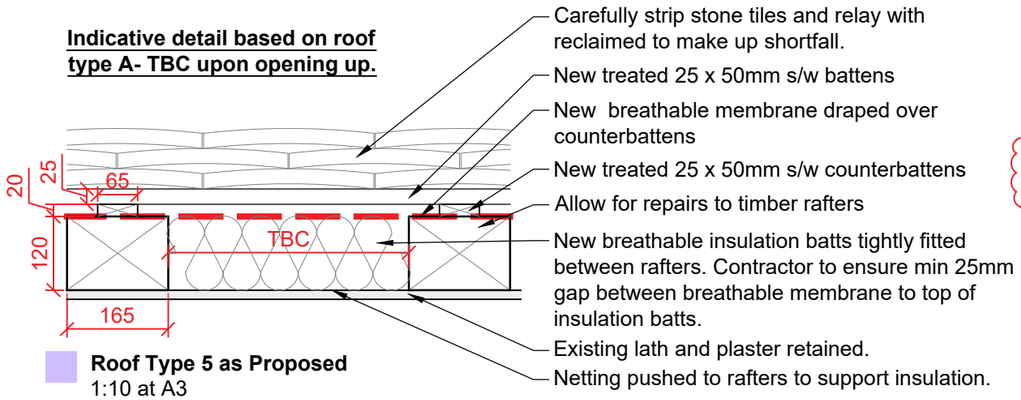
Indicative detail based on roof type A- TBC upon opening up.

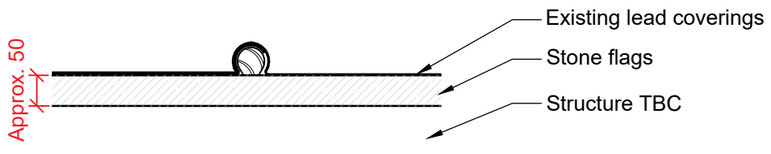


Roof Type 5 as Existing
1:10 at A3

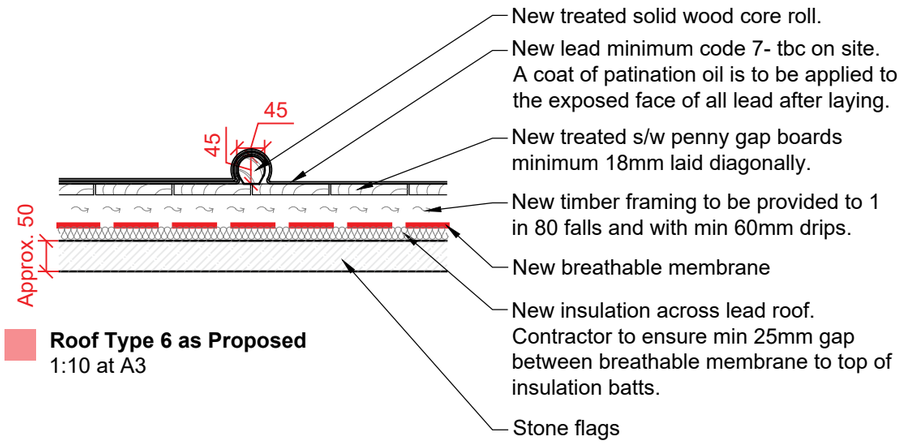
Indicative detail based on roof type A- TBC upon opening up.



Roof Type 5 as Proposed
1:10 at A3



Roof Type 6 as Existing
1:10 at A3



Roof Type 6 as Proposed
1:10 at A3

General notes:

- Existing drawings assumed only, based on limited areas of opening up and are TBC on site.
- The fabric must be worked on with great care, by specialists skilled in heritage work.
- No hot works are to take place on the roof. Any hot works taking place on site require a permit.
- Levels and arrangement to be reassessed following roof stripping. adequate time to be allowed in the program for inspection and detailing of any repairs.
- Refer to opening-up works report and drawings for existing build-ups.
- New lightning protection to be installed - exact design and route to be confirmed by specialist. PVC covered copper tape/ flat strips, colour to match existing fabric to be installed under slates, final route to be agreed. To be fixed with slate holdfasts with strike plate conductors installed under slates/ stone tiles.

Structural Repairs

- Extent of repairs required to the structure is unknown.
- Proposals will need to be reviewed and tested when safe access to all roofs is provided and the varying sizes of members, construction and condition across the full roof area is confirmed.
- As a general approach, it is proposed to use in situ, light-touch interventions with reversible repairs wherever possible.
- Works are anticipated to be required to valleys, wall plates, rafter feet, purlin ends and truss bearings.

Stone Slates

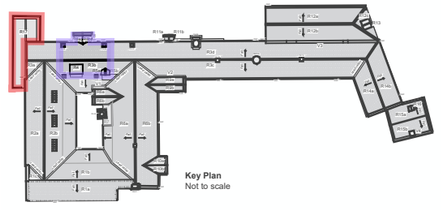
- Roofs will be recorded in accordance with Historic England's Technical advice note on stone slate roofing and Practical Building Conservation guide to roofing, and is to be carried out to Level 3 to 4 in accordance with Historic England's Guide to Understanding Historic Buildings.
- Carefully strip stone slates and set aside sound slates for re-use.
- Any shortfall to be made up with sound, good quality, natural stone slates of the same general size range, thickness, texture, and edge finish as those of the existing roof.
- Re-slate to diminishing courses. New treated softwood battens and counter battens and new insulation and breathable membrane as indicated on the drawings.
- Lift existing stone ridge and set aside sound ridge tiles for re-use. Make up shortfall with new to match existing size and profile. Re-bed on approved lime mortar.
- Assume 60% of slates to be replaced, redress larger stone slates and replace large stone slates with reclaimed to match existing.

Welsh Blue Slates

- Roofs will be recorded in accordance with Historic England's Technical advice note on stone slate roofing and Practical Building Conservation guide to roofing, and is to be carried out to Level 3 to 4 in accordance with Historic England's Guide to Understanding Historic Buildings.
- Re-slate to diminishing courses with sound, good quality, Welsh blue slates of the same general size range, thickness, texture, and edge finish as those of the existing roof.
- New treated softwood battens and counter battens.
- Lift existing ridge tiles and set aside sound ridge tiles for re-use. Make up shortfall with new to match existing size and profile. Re-bed on approved lime mortar.
- Assume 60% of slates to be replaced to match existing.

Lath and Plaster Ceilings

- Following stripping of the roof coverings the existing lath and plaster ceilings are to be inspected by specialist conservator.
- The voids are to be carefully cleaned out and if required, ceilings should be consolidated using the 'pad system' and/or SS screws & washers throughout and repaired with lime and sand plaster. Exact methodology and specification to be agreed following inspection.



0 100 200 500
Scale 1:10 mm

Notes

1. Any dwg format drawing is to be read in conjunction with and at the scale of the accompanying pdf.
2. Where colours other than black or grey are used, the drawing must be plotted in colour.
3. For status 'C' (Construction) drawings all dimensions are to be checked on site by the contractor, scaling is for Local Authority purposes only.
4. Unless otherwise indicated, all dimensions are in millimeters.
5. All information on this drawing is to be read in conjunction with the relevant Donald Insall Associates specification and trade contractors' drawings and information by specialists.
6. In the event of any discrepancy, please contact us immediately.
7. This drawing may contain survey information by others and is to be used solely for the purposes for which it was issued.
8. These are uncontrolled documents issued for information purposes only. If you have any queries regarding the drawings, please contact DIA immediately.
9. Please note DIA cannot be held responsible for any errors arising from changes made to an uncontrolled dwg file.

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Drawing Status

- **F** Feasibility
- **S** Sketch Design
- **P** Planning
- **B** Building Control
- **D** Design Development
- **M** Measurement
- **T** Tender
- **C** Construction
- **R** Record

Rev	Date	Dwn	Auth	Revision
2	13-10-26	EXW	RZM	Notes updated- revisions shown in red
1	28-08-26	EXW	RZM	Issued for LBC
0	25-08-26	EXW	RZM	Initial Issue

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Chetham's Library, Manchester

Roof Build Ups As Existing and Proposed- Types 5 and 6

Project	No
CHETM.04	3303

Scale (A3)	Status	Revision
1: 10	3P	2