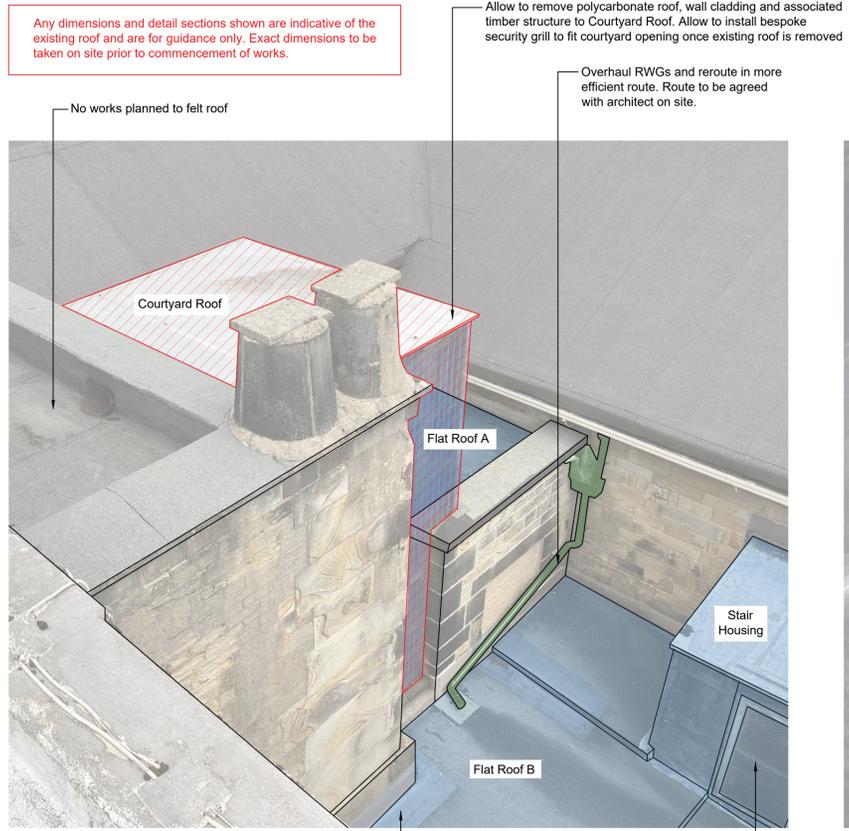


Any dimensions and detail sections shown are indicative of the existing roof and are for guidance only. Exact dimensions to be taken on site prior to commencement of works.



Courtyard Roof: Proposed
Not to scale

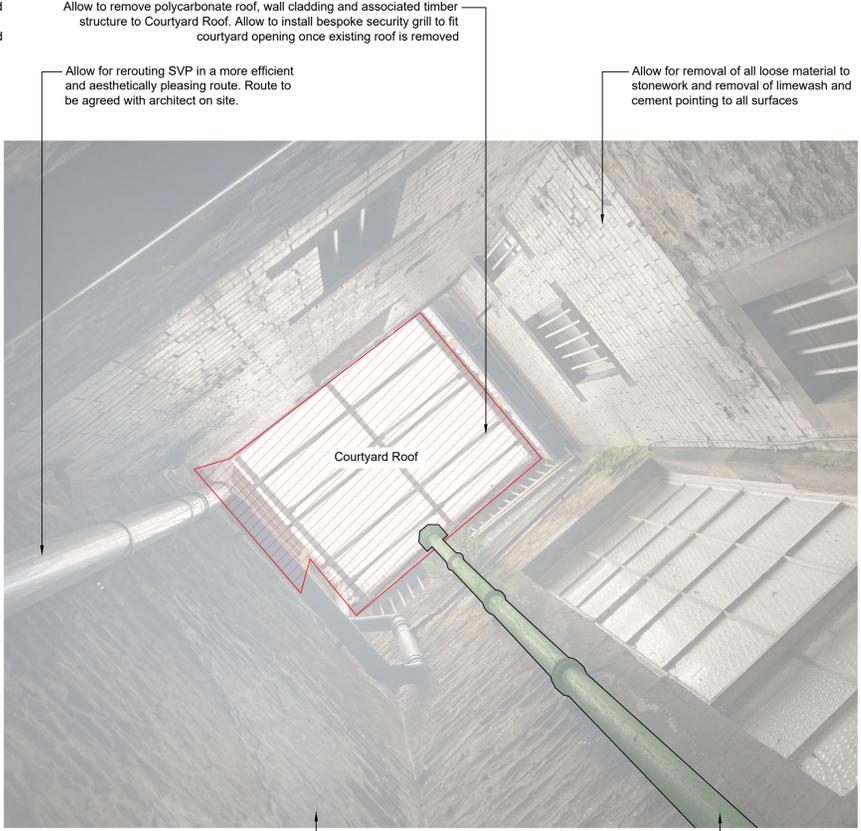
Erection of scaffolding and works to interior of Courtyard should be carried out in full consultation with BMBC regarding suitable times for access.

Allow to remove polycarbonate roof, wall cladding and associated timber structure to Courtyard Roof. Allow to install bespoke security grill to fit courtyard opening once existing roof is removed

Overhaul RWGs and reroute in more efficient route. Route to be agreed with architect on site.

Proposed code 8 lead roof, see Flat Roof works for indicative bay layouts

Code 6 lead clad roof extended to allow for rigid woodfibre insulation over entire stair housing with 50mm ventilation gap maintained



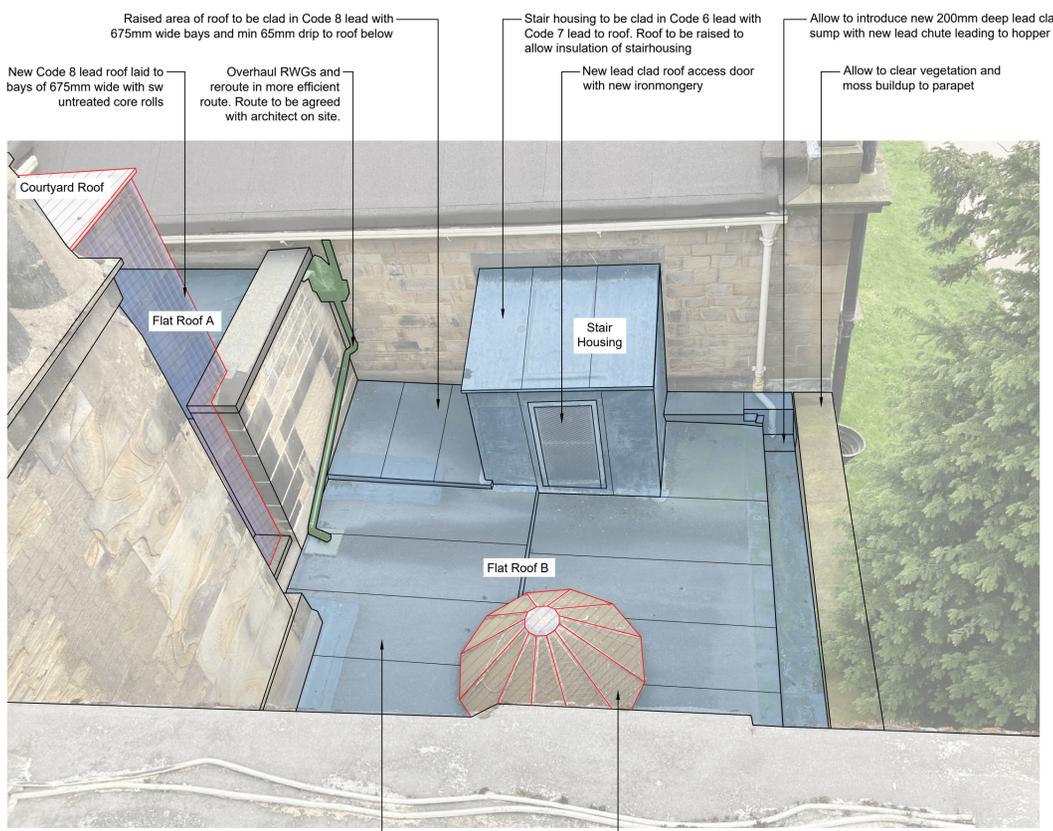
Courtyard Walls: Proposed
Not to scale

Allow for rerouting SVP in a more efficient and aesthetically pleasing route. Route to be agreed with architect on site.

Allow for removal of all loose material to stonework and removal of limewash and cement pointing to all surfaces

Overhaul RWGs, take apart downpipe, remove vegetation, treat rust, and reassemble with new seals to all joints and allowance for new hardwood bobbins.

- Rake out existing cement mortar and allow to repoint entire atrium with lime mortar. Allowance for minimum 5m² brick and stone indent repairs.
- Allow for light DOFF cleaning to remove algae growth only (subject a satisfactory sample panel being approved by the Architect and Conservation Officer).



Flat Roof: Proposed Pitched Lead
Not to scale
Lead bays are indicative only

Raised area of roof to be clad in Code 8 lead with 675mm wide bays and min 65mm drip to roof below

Stair housing to be clad in Code 6 lead with Code 7 lead to roof. Roof to be raised to allow insulation of stairhousing

New Code 8 lead roof laid to bays of 675mm wide with sw untreated core rolls

Overhaul RWGs and reroute in more efficient route. Route to be agreed with architect on site.

New lead clad roof access door with new ironmongery

Allow to introduce new 200mm deep lead clad sump with new lead chute leading to hopper

Allow to clear vegetation and moss buildup to parapet

Carefully remove existing rooflight and form new oak upstand and substrate which should be clad in Code 5 lead, achieving at least 150mm above the proposed roof level. Install new rooflight on new upstand. Details to be as main hall rooflights, see dwg 2202 for further information.

- Remove existing roof coverings and sarking boards back to structural timberwork, disposing of all roofing material away from site.
- Install new douglas fir sarking boards and gutter boards penny gap detailing.
- Install 300mm breathable sheepswool insulation at ceiling level, suspended in between and over the existing roof timbers with nylon netting to provide a 50mm ventilation gap above the ceiling. Thickness of insulation to be determined by existing roof timber and void depth. Allow for timber battens to support nylon netting.
- Allow for altering timber substrate to suit new falls and levels when changing from a flat mastic asphalt roof to a min 1:80 pitched Code 8 lead roof.
- New code 8 lead roof covering over treated sw round core batten rolls with ventilated ridge, eaves and gutter.
- New code 8 lead gutter linings with new enlarged sumps to be formed with new linings to existing chutes.
- See dwgs 2001, 2100 and 2101 for lead details.



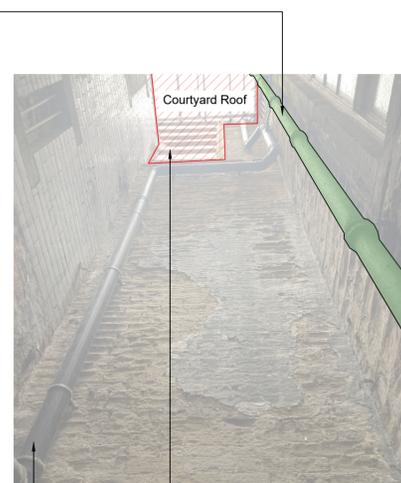
Courtyard Walls: Proposed
Not to scale

Allow for removing all vegetation and debris from courtyard floor and gullies. Also allow for DOFF cleaning to courtyard floor



Allow to repoint entire atrium with lime mortar and allow for 5m² stone indent and brick repairs

Allow for removal of all loose material to stonework and removal of limewash and cement pointing to all surfaces



Allow to remove polycarbonate roof, wall cladding and associated timber structure to courtyard roof

Allow for rerouting SVP in a more efficient and aesthetically pleasing route

GENERAL CONSTRUCTION NOTES
(for consent purposes only)

Any dimensions shown are for the existing roof and are for guidance only. Exact dimensions to be taken on site prior to laying / constructing new leadwork details - bay sizes, flashing depths, etc.

Demolitions:

- Carefully remove all mastic down to timber boarding/substrates unless otherwise stated to local areas.
- Carefully inspect all underlying timber for defects or rot and report to ca for remedial works. Carry out as directed by CARE accredited structural engineer.
- All existing stonework bed joints and rebates are to be cleaned out completely with clean water ready for new lead flashings.
- Replace bottom board(s) to all eaves and drip/step locations should there be no rebate apparent for the head fixing of new lead sheets.
- Any services - cabling, etc. to be temporarily removed / relocated during works and replaced, tidied up and clipped on completion. Method to be agreed depending on location.
- Allow for clearing debris from roof void.

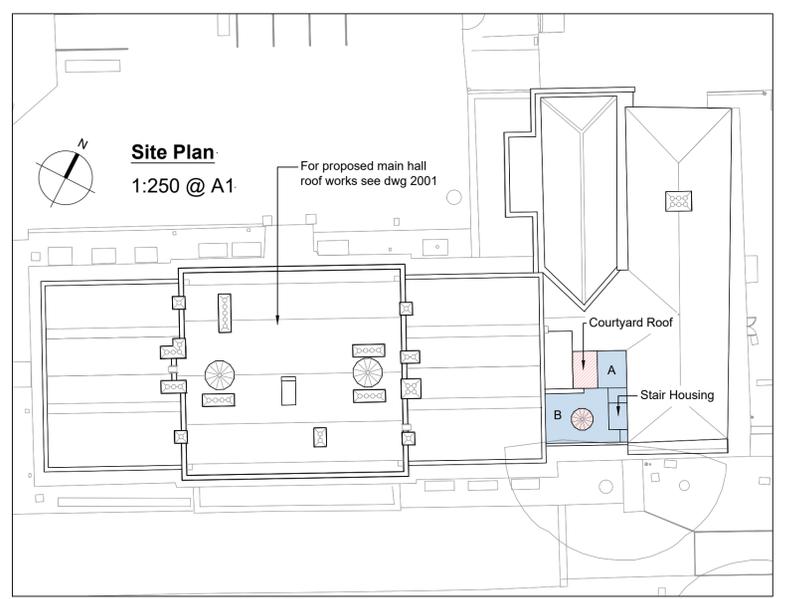
Proposed works:

- General leadwork notes to be read in conjunction with project specification H71:
- Lead laid on new untreated douglas fir penny gap 125 x 25mm boarding or as otherwise stated. Re-cover roofs with new Code 8 lead complete with all associated Code 5 lead flashings and fixings. Gutters to be formed with new Code 8 lead. New sarking boards to be covered with Grade A1F building paper.

- Underside of lead to be painted with chalk slurry as specified. Where lead is in contact with new mortar or masonry the underside of the lead is to be bitumen painted.
- A coat of patination oil is to be applied to the exposed face of all lead after laying H71 970A.
- Where additional / replaced rolls are required, these are to be untreated sw rolls H71 840.
- Lead to be secured at bottom edge with lead clips at max. 400mm ctrs. subject to location and detail or as otherwise stated.
- Top edge to be turned into nearest bed joint or chase min. 25mm and secured with lead wedges at max. 450mm ctrs. or min. 1no. per bed joint and back pointed using lead sealant by British Lead Mills. Laps to be min.150mm. All other fixings to be as LSA recommendations.
- In all cases, all details to be in strict accordance with Lead Sheet Associations recommendations. All leadwork to be carried out by a member of the Lead Contractors Association.
- All works to be completed with all necessary flashings, etc. to give a fully watertight structure and all required timbers to give full complete installations.
- Hot works not to take place on the roof.

Key

- Proposed Lead Roof
- Remove Existing
- Overhauled RWGs



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 Developed Design
- M Measurement
- T Tender
- C Construction
- R Record

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BARNSELEY MUSEUMS

Rev	Date	Dwn	Auth	Revision
0	27-10-23	JZG	DXE	Initial Issue

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Scale (A1)	1:NTS	Status	P
		Revision	0

Flat Roof
As Existing Consent