

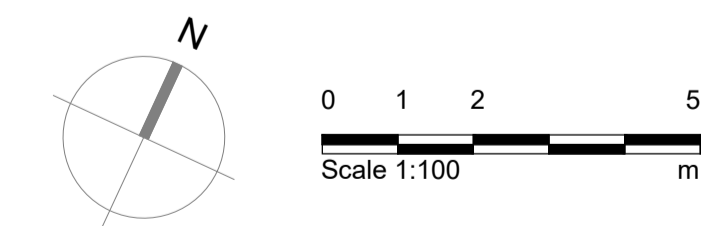
- Renew existing asphalt roof with new mastic asphalt roof including skirtings and vertical work to parapet walls and abutment with reinforced bitumen separating layer.
- Clean existing tank base/ existing roof surface and allow for bitumen paint based patch repair due to existing MEP equipment, including skirtings and vertical. Conservation architect to review details.
- Re-Slate using sound Welsh Blue slate. Assume 45% new slate required. Install new Rockwool batts with new Don&Low Roofshield breather membrane draped over rafters with minimum 25mm gap between top of felt to top of insulation as new insulation strategy. Details TBC following opening up works.
- Renew single ply membrane to flat roof with new mastic asphalt roof including skirtings and vertical work.
- Repair and overhaul atrium. See drawing 3000 for further details.
- Repoint 100% of chimney (CH.01) as NBS XXX. Replace severely damaged brickwork with a like-for-like replacement- assume 5%.
- Typical hidden gutter detail refer to drawing XXX.
- Overhaul cast iron gutters as per rainwater goods schedule.
- Overhaul downpipes and hoppers as per rainwater good schedule.

**NOTES**

- The existing building and site drawings are based on client issued survey drawings which shall be referred to for measurement of the existing property.
- Drawing based on survey information provided by Malcolm Hughes.
- 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.
- Allow for adequate time in the program for inspection and detailing of any repairs.
- The proposed works have been drawn up based on a limited inspection from ground level only using binoculars and an accompanying drone survey. All works to be reassessed and confirmed when scaffold access available.
- Dismantling/rebuilding stone repairs and re-pointing to be carried out as indicated. Exact and final nature of the repair works to be ascertained on site when full scaffold is erected for closer inspection.
- New stone sections to match existing profiles, colour, finish and properties of existing masonry exactly.
- All ferrous fixings found within elevations during course of works to be removed.
- Level of de-scaling to be determined on site when access is available for closer inspection.
- All finials, corbels etc. to be checked for stability when high level access available. Any remedial works required to be determined on site.
- Existing lightning conductor to be carefully removed and reinstated upon completion.
- Provisional sum for timber repairs to roof structure to be included.
- Renew all lead soakers to hips in code 4 lead to Lead Sheet Training Academy guidance.
- Renew all abutments and stepped flashing with new lead to Lead Sheet Training Academy Guidance.
- Replace all pitched valleys with code 6 lead to Lead Sheet Training Academy Guidance.
- Replace tapered valley gutters/ box gutters with new lead to Lead Sheet Training Academy guidance.
- A coat of patination oil is to be applied to the exposed face of all lead after laying.
- Install new code 5 lead flashings and soakers to slate roofs to Lead Sheet Training Academy guidance. If height is under 150mm liaise with the conservation architect.
- Repoint all joints to coping stones with suitable lime mortar mix. Include to stabilise and loose copings by re-bedding on new s/s dowels and replace any cracked copings with new to match existing, bedded on new s/s dowels on lime mortar mix.

**Typical details:**

- **Slate chimney back gutter** refer to drawing XXX.
- **Parapet valley (slate)** refer to drawing XXX.
- **Slate ridge/ lead ridge** refer to drawing XXX.
- **Valley** refer to drawing XXX.
- **Abutment flashing** refer to drawing XXX.
- **Abutment valley** refer to drawing XXX.
- **Rooflights** refer to drawing XXX.
- **Asphalt abutment** refer to drawing XXX.
- **Asphalt** refer to drawing XXX.
- **Parapet asphalt** refer to drawing XXX.
- **Slate eaves** refer to drawing XXX.
- **Hidden gutter** refer to drawing XXX.
- **Lead spitter** refer to drawing XXX.



**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.

© 2025 DONALD INSALL ASSOCIATES LTD

Drawing Status				
F	Feasibility			
S	Sketch Design			
P	Planning			
B	Building Control			
D	Developed Design			
M	Measurement			
T	Tender			
C	Construction			
R	Record			

Rev	Date	Dwn	Auth	Revision
0	XX-XX-25	XXX	XXX	Initial Issue

**DONALD INSALL ASSOCIATES**

People's History Museum, Manchester

2nd Floor Sligo House, 32-34 Laystall Street  
Manchester M1 2JZ  
0161 359 4326  
manchester@dia.co.uk

Project		No	
MAN.PHM.05		2000	
Scale (A1)	Status	Revision	
1:100	4T	0	

Roof Plan  
As Proposed