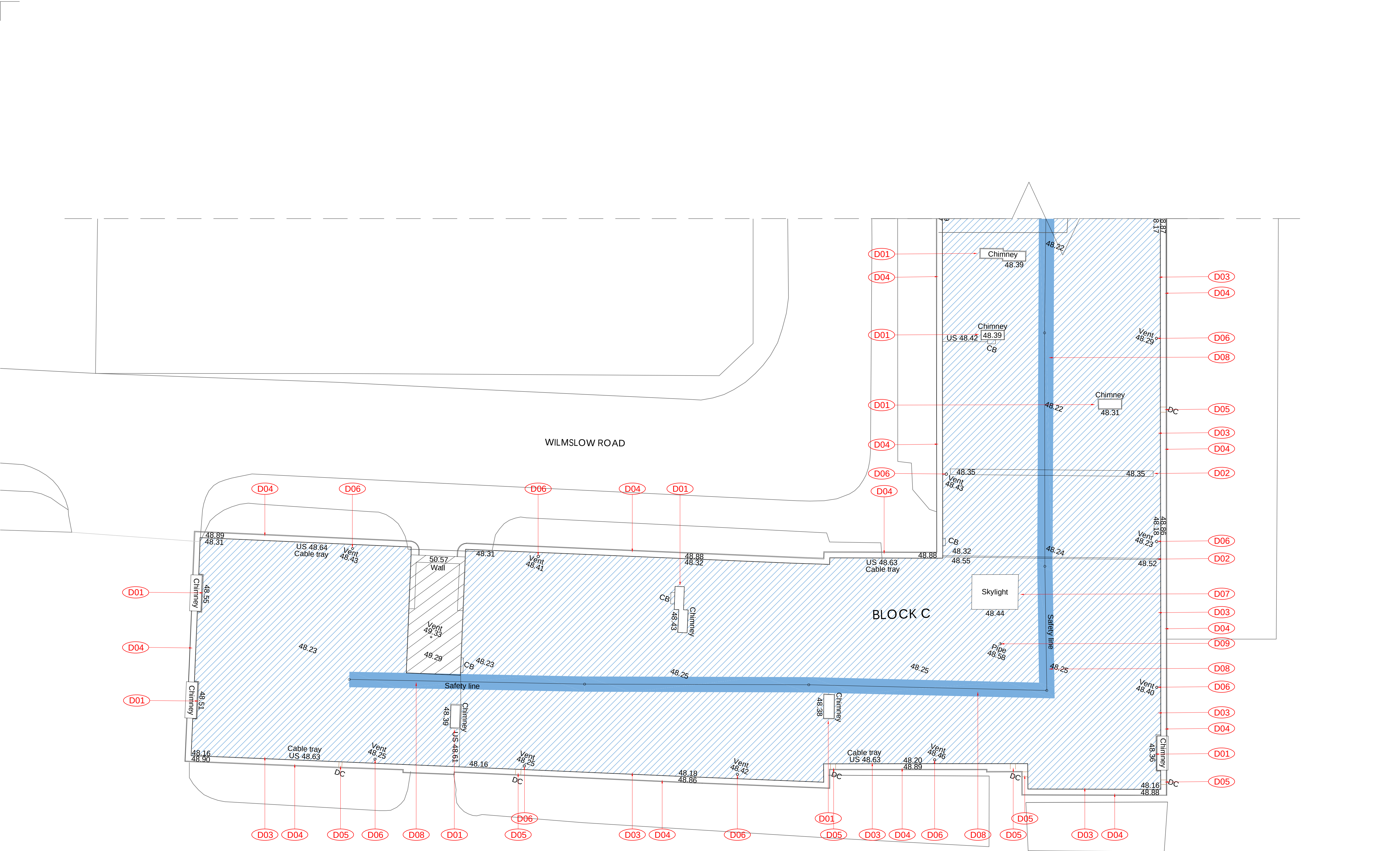




To be read with THP drawing - 0225 Roof details sheet 1 latest revision.

Notes :-
All existing M & E to be removed and refixed upon completion of works.

The works are to overlay the existing roof with new IKO Polymeric Armourplan in accordance with their specification and details.
Any remedial works to existing roof structure are to be carried out as necessary to allow installation of IKO roofing system.
THP have not design any of the works with the details been a replication of the standard IKO details.
All works to be carried out in strict accordance of IKO polymeric details and specification.
Any deviation from these details must be reviewed and approved by IKO technical services.

The Harris Partnership Ltd does not accept liability for any deviation from our drawings or specification. This drawing is copyright and may not be reproduced or shared in whole or part without written authority. Do not scale off the drawing.

Rev	Date	Description	Drawn	CHK'd
001	06.12.25	For issue	MB	PRW



GENERAL NOTES
All works to the Grade I Listed Appleby Lodge shall be carried out with full consideration of the Building's historic fabric.
No works shall commence until Listed Building Consent has been granted by Manchester City Council.
Existing roof structure, parapets, rainwater goods and features shall be retained in situ unless scheduled for repair.
Any discovery of concealed historic fabric or unexpected deterioration shall be reported to the Project Manager and Conservation Officer before proceeding.

SCOPE OF WORKS
All works to be in accordance with IKO Polymeric Armourplan Specification proposal - Ref: SPEC-2025-0706-5003 and standard detail code - Ref: 5046 Mid Grey.
Existing roof finish to be retained, overlay with new roof to specific detail, taking care not to disturb original structural elements. Defective areas where necessary made good, including timber substrate and ensure suitability to receive new roof coverings.
Installation of new Armourplan P (PVC single ply membrane) waterproofing system in accordance with BBA Certificate 060207.
Introduction of new vapour control layers, flashings and edge restraints as required.
Protection of all retained historic fabric throughout the works.

HERITAGE / CONSERVATION SPECIFIC NOTES
The existing roof profile, height, and eave/edge conditions shall be maintained exactly as existing.
The proposed roofing works will be visually non-invasive, with all new membrane finished hidden behind parapets and not visible from ground level.
Original rainwater outlets, and upstand conditions shall be replicated or retained wherever possible.
New flashings shall use Armourplan Coated Metal, colour-matched, and installed in a manner that does not visually alter the building's historic character.
No original fabric is to be removed without approval; repairs shall be "like-for-like" and reversible where possible.

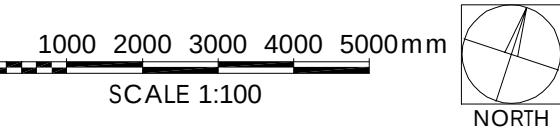
ONGOING MAINTENANCE
Roof must be inspected at least every 6 months and after severe weather events.
Repairs to be completed strictly in accordance with manufacturer requirements and guidance.
Any breaches of membrane observed during inspection to be patched immediately by approved contractor.

MATERIALS & SYSTEM PERFORMANCE NOTES
Waterproofing System
Armourplan P polyester-reinforced PVC single ply roofing membrane, minimum 1.2 mm thickness as recommended by supplier.
Membrane installation to comply with:
• BBA Certificate 060207
• SRA Design Guide
• BS 6229:2018
• BS 6841:1999
Expected service life: 25+ years, extendable to 40+ years with periodic maintenance.

Auxiliary Components
• IKO fixings system and pressure plates
• Armourplan Coated Metal Flashings
• Approved AVCL (Self-adhesive or torch-on as appropriate)
• Spectraline separation layer where required
Compatibility
• Membrane must not be laid directly onto bitumen, coal tar, polyurethane or oil-based products without a separation layer.

INSTALLATION NOTES
All in accordance with manufacturer recommendations.
Roofing contractor must be trained/approved by IKO Polymeric.
No installation during rain, fog, snow, or temperatures below 5°C.
All substrates must be dry, clean, and free from sharp projections prior to installation.
Minimum lap widths:
• Side laps: 150 mm
• End laps: 80 mm
• Weld width: 50 mm (auto) or 40 mm (manual)
All joints to be hot-air welded and tested with a probe upon completion.
Mechanically fixed systems to follow calculated fixing density based on EN 1993-1-4 wind load analysis.
Saturated areas (if any) require minimum 50 mm rounded gravel or paving slabs on supports.
Protection layers to be installed over membrane where access or plant maintenance traffic is expected.

Legend:
Hatch denotes extent of existing roof covering to be carefully removed and replaced with new 1.2 mm Armourplan P PVC single ply membrane, fully welded, installed as per BBA Certificate 060207.
Hatch denotes extent of existing roof covering to be carefully removed and replaced with designated maintenance walkway system: the roof using Armourplan Walkway membrane or equivalent PVC-compatible, slip-resistant walkway system approved by IKO Polymeric.



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Walsfield Manchester Milton Keynes Reading London Harrogate Edinburgh

Client
Realty Management

Project Title
Appleby Lodge Re-roof

Appleby Lodge
Wilmslow Road
Manchester

Drawing Title
Proposed Roof GA Plan Block C SH2

Drawn	Checked	Scale	BIM Status	Date
MB	PRW	1:100	NA	12.25

Drawing Status	Rev.	THP Project No
Planning	P01	22380

Project No.	Originator	Volume	Level	Type	Role	Number
22380	THP	XX	XX	DR	A	0224