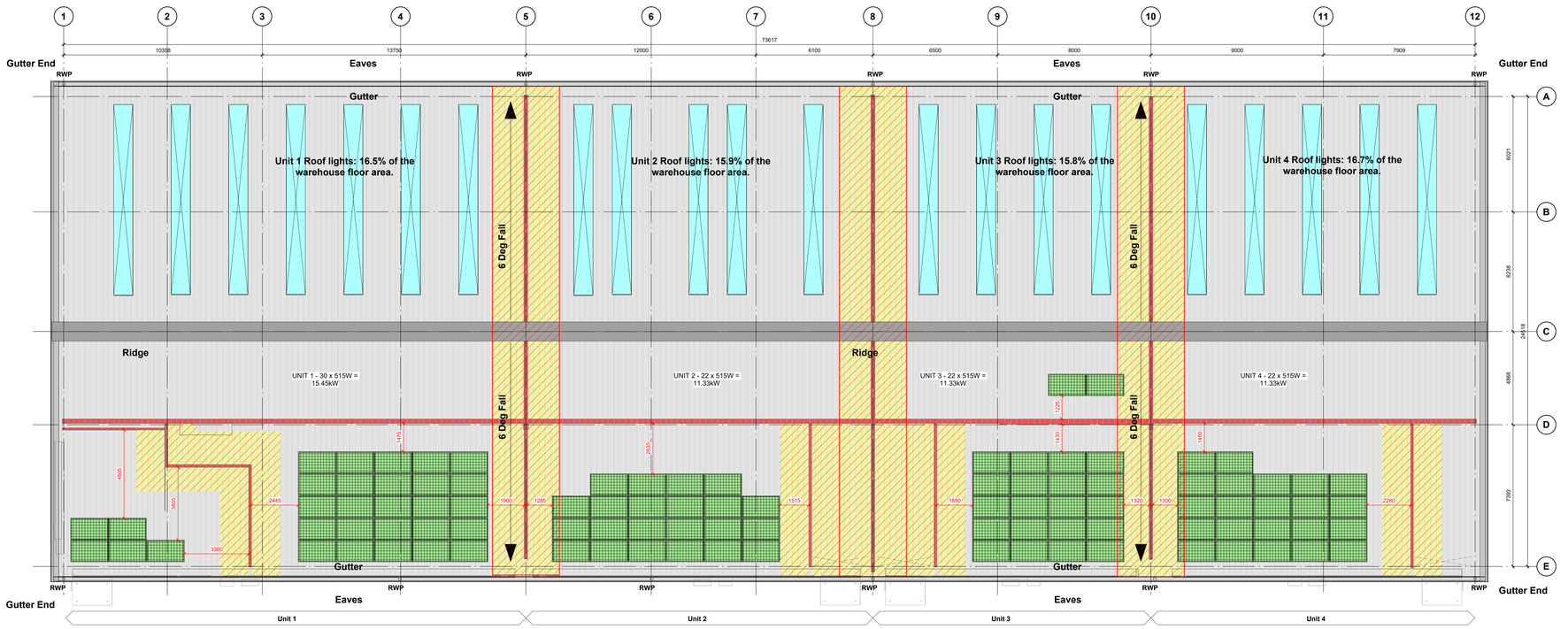


Roof Plan
1 : 100

Key

PV Panels

PV configuration has been developed in coordination with EGG (PV specialist subcontractor) and Total Roofing & Cladding. Installation, access, repair, and maintenance shall be carried out in accordance with the method statements provided by each specialist.
The current PV layout and panel quantities shall be read in conjunction with EGG PV specialist and TRC Total Roofing & Cladding subcontractor drawings and specifications.
For panel sizes and loading, refer to EGG PV installer drawings (14760560619-PV1-3) and specifications.

Fire compartment walls extending to underside of roof construction Installed to the underside of roof purlins to maintain 60-minute fire integrity/insulation at the junction

Fire Compartmentation (UMBRELLA DETAIL):
Where roof purlins penetrate or cross the compartment wall line, provide a minimum 1500mm wide horizontal fire protection zone to maintain the required fire resistance and compartmentation integrity.

PLEASE NOTE:

Warehouse design is to External SHELL only.

Mezzanine design is to External SHELL and CORE.

Internal layout subject to tenant enhancement.

To achieve the design target PV loading, the separation distances between PV panels and fire compartment walls have been assessed specifically in the instances occurring between Units

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General Notes

- This document is to be used for the stated purpose only and should not be used for any other.
- Dimensions are all in millimetres, unless stated otherwise.
- It's the recipients responsibility to print this document to the correct size & scale.
- All relevant drawings and specifications should be read in conjunction with this document.
- Scaling of this document is not recommended.

North

Key Plan

Scale(s)

1m Scale 1:100

Document Notes

1. Drawing to be read in conjunction with the EGG-147605606619 series PV layout drawings and the C454TRC Roof Plans series from Total Roofing & Cladding.
2. Roof mounted PV layout distance to compartmentation walls subject to Building Control approval.

Fire Notes

- All fire boundary cladding and supporting steelwork are to be designed in accordance with SCI guidelines with steelwork support calculations to be provided for engineer review prior to fabrication and to be documented within the H&S File.

Fire Safety Compliance Note (RC62 – Section 5.5.12):

The proposed PV panel layout includes installations at both 1.2 m and ≥2.5 m from fire compartment walls. All panels with a 1.2 m separation must be constructed using non-combustible materials in accordance with RC62 Section 5.5.12. Panels positioned ≥2.5 m from compartment walls are not subject to this material restriction. The design intent assumes compliance with these requirements and must be verified during specification and installation.

Project Name

Crabtree Lane, Manchester

Employer		Project Address		
Chancerygate		**Former Walkers Site, Crabtree Lane, Clayton, Manchester, M11 4GU**		
RBA Workstage		Status		
5 - Construction		**S3 - Suitable for review and comment**		
Drawn	Checked	Created		Size
JFC	**DEB**	**01.12.2023**		**A0**
UMC Reference		Scale	LOD	LOI
23168		**As indicated**	**3**	**3**

Document Title

Units 1-4 - Roof Plan

Document Reference

23168- UMC- 01- RP- DR- A- 1003

Revision Note

Full 1500mm umbrella head detail shown between units and at escape cores.

Issue Date	Package	Current Revision
07.04.26	**CONSTRUCTION**	**P.25**