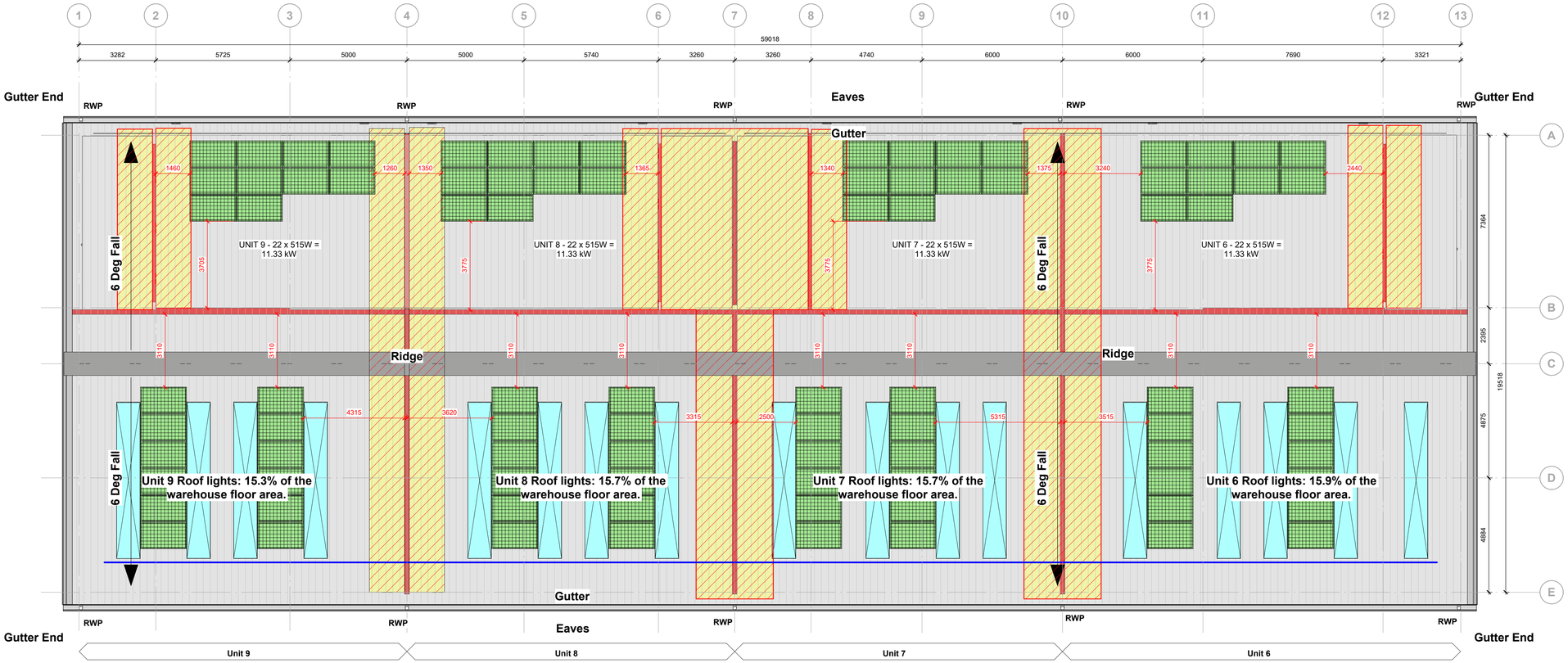


Roof Plan
1 : 100

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 (147605606619-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.

ManSafe Restraint system: Fixed anchor points with tensioned wire ropes, ensuring safe maintenance access.
Layout is shown indicatively and is subject to detailed design by specialist sub-contractor to provide safe roof access & maintenance to all areas.

PLEASE NOTE:

Warehouse design is to External SHELL only.

Mezzanine design is to External SHELL and CORE.

Internal layout subject to tenant enhancement.

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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 is 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

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 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.

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

Fire Note

- 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.

Project Name

Crabtree Lane, Manchester

Employer	Project Address
Chancerygate	**Former Walkers Site, Crabtree Lane, Clayton, Manchester, M11 4GU**
RIBA Workstage	Status
5 - Construction	**S3 - Suitable for review and comment**

Drawn	Checked	Created	Size
JFC	**DEB**	**01.12.2023**	**A1**

UMC Reference	Scale	LOD	LOI
23168	**As indicated**	**3**	**3**

Document Title

Units 6-9 - Roof Plan

Document Reference

23168- UMC- 06- RF- DR- A- 1022

Revision Note

Full 1500mm umbrella head detail shown between units only.

Issue Date	Package	Current Revision
07.04.26	**CONSTRUCTION**	**P.16**