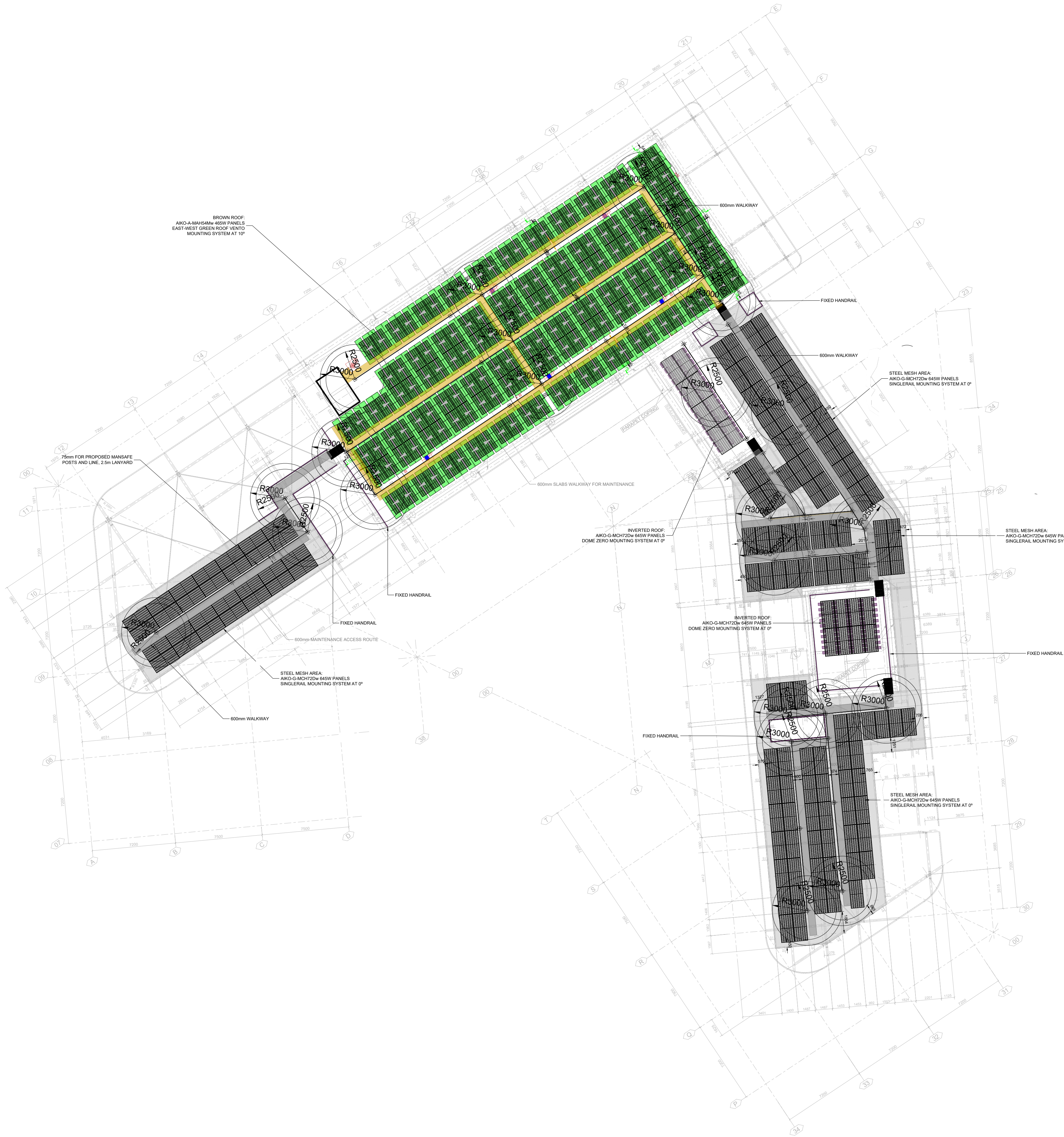
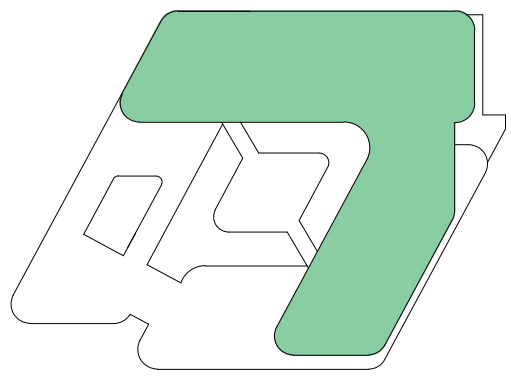






- If in doubt ask.
- Do not scale.
- All dimensions are in millimeters.

SYSTEM DETAILS
BROWN ROOF:
AIKO-A-MAH54Mw 465W
Quantity: 152No. panels
Power output: 70.68 kWp

STEEL AREA & INVERTED ROOF:
AIKO-G-MCH72Dw 645W
Quantity: 146No. panels
Power output: 94.17 kWp

TOTAL POWER OUTPUT: 164.85 kWp
Predicted yearly production: 151,129 kWh*

**The performance of solar PV systems is impossible to predict with certainty due to the variability in the amount of solar irradiance (sunlight) from location to location and from year to year. This system performance estimate has been calculated using PVSOL for the array orientation, inclination and approximate expected shading and is given as guidance only. It should not be considered as a guarantee of performance.*

- Inverters located in plantroom at ninth floor. Please refer to drawing 'ORL-ADX-XX-11-GSC-E-100001'
- Maintenance and access via the roof mounted man safe system by others.
- Access to all areas required. Where necessary, removal of adjacent panels may be required.

Mounting systems

Steelwork area: SingleRail fixed to the steel mesh with hook bolts. Refer to drawing 'ORL-ADX-XX-11-DPL-E-000004'.

Brown roof: Green Roof Vento K2 Systems. Refer to drawing 'ORL-ADX-XX-11-DPL-E-000002'.

Inverted roof: Dome Zero fixed to concrete blocks. Refer to drawing 'ORL-ADX-XX-11-DPL-E-000003'.

Revision change as show panel change.
Previous comments regarding RC62 from the client team have been discussed and acknowledged.

S4	C02	27/03/2025	FOR REVIEW & AUTHORISATION / STEEL MESH AND INVERTER ROOF PANELS UPDATED FROM 625W TO 645W	LD - AD		
S4	C01	07/01/2025	FOR REVIEW & AUTHORISATION	LD - CS		
S3	P12	28/11/2024	FOR REVIEW & COMMENTS / STEELMESH AND INVERTER ROOF LAYOUT UPDATED	LD - CS		
S3	P11	11/09/2024	FOR REVIEW & COMMENTS / BROWN ROOF AND STEELMESH ROOF LAYOUT UPDATED	LD - CS		
S3	P10	09/09/2024	FOR REVIEW & COMMENTS/BROWN ROOF LAYOUT UPDATED	LD - CS		
S3	P09	29/08/2024	FOR REVIEW & COMMENTS / BROWN ROOF AND STEELMESH ROOF LAYOUT UPDATED	LD - CS		
S3	P08	07/08/2024	FOR APPROVAL / GRV MOUNTING SYSTEM PE PLATES ADDED	LD - CS		
S3	P07	26/07/2024	FOR REVIEW & COMMENTS / PV SYSTEM, MANSAFE LINE AND ROOF DETAILS UPDATED	LD - CS		
S3	P06	12/07/2024	FOR REVIEW & COMMENTS / PV SYSTEM, MANSAFE LINE AND ROOF DETAILS UPDATED	LD - CS		
S3	P05	09/07/2024	FOR REVIEW & COMMENTS / PANELS RELOCATED BASED ON UPDATED ARCHITECT LAYOUT	LD - CS		
S3	P04	21/05/2024	FOR REVIEW & COMMENTS / PANELS RELOCATED TO AVOID CHIMNEYS	LD - CS		
S3	P03	06/05/2024	FOR REVIEW & COMMENTS/PANELS UPDATED TO AIKO 615W	LD - CS		
S3	P02	10/04/2024	FOR REVIEW & COMMENTS	LD - CS		
S3	P01	21/03/2024	FOR REVIEW & COMMENTS	LD - CS		
STATUS		REVISION	DATE	DESCRIPTION		
MAIN CONTRACTOR			Bouygues UK Becket House 1 Lambeth Palace Rd Lambeth, London SE1 7EU Tel: 020 7401 0020			
CLIENT		 Oriel Creating the centre for advancing eye health				
ORIGINATOR						
ORIGINATOR REFERENCE		ADEXSI UK - ADX - 0826				
PROJECT NAME		ORIEL				
DRAWING TITLE		SOLAR PHOTOVOLTAIC SYSTEM ROOF LAYOUT				
DESIGN PACKAGE		PV PANELS				
MODEL FILE NAME - REVISION		ORL-ADX-XX-XX-MM3-E-000001 - P01				
SCALE @A1 1:200@A1	PROJECT STAGE RIBA 4	STATUS S4 - FOR REVIEW & AUTHORISATION		REVISION C02		
DRAWING NUMBER ORL-ADX-XX-11-DPL-E-000001						