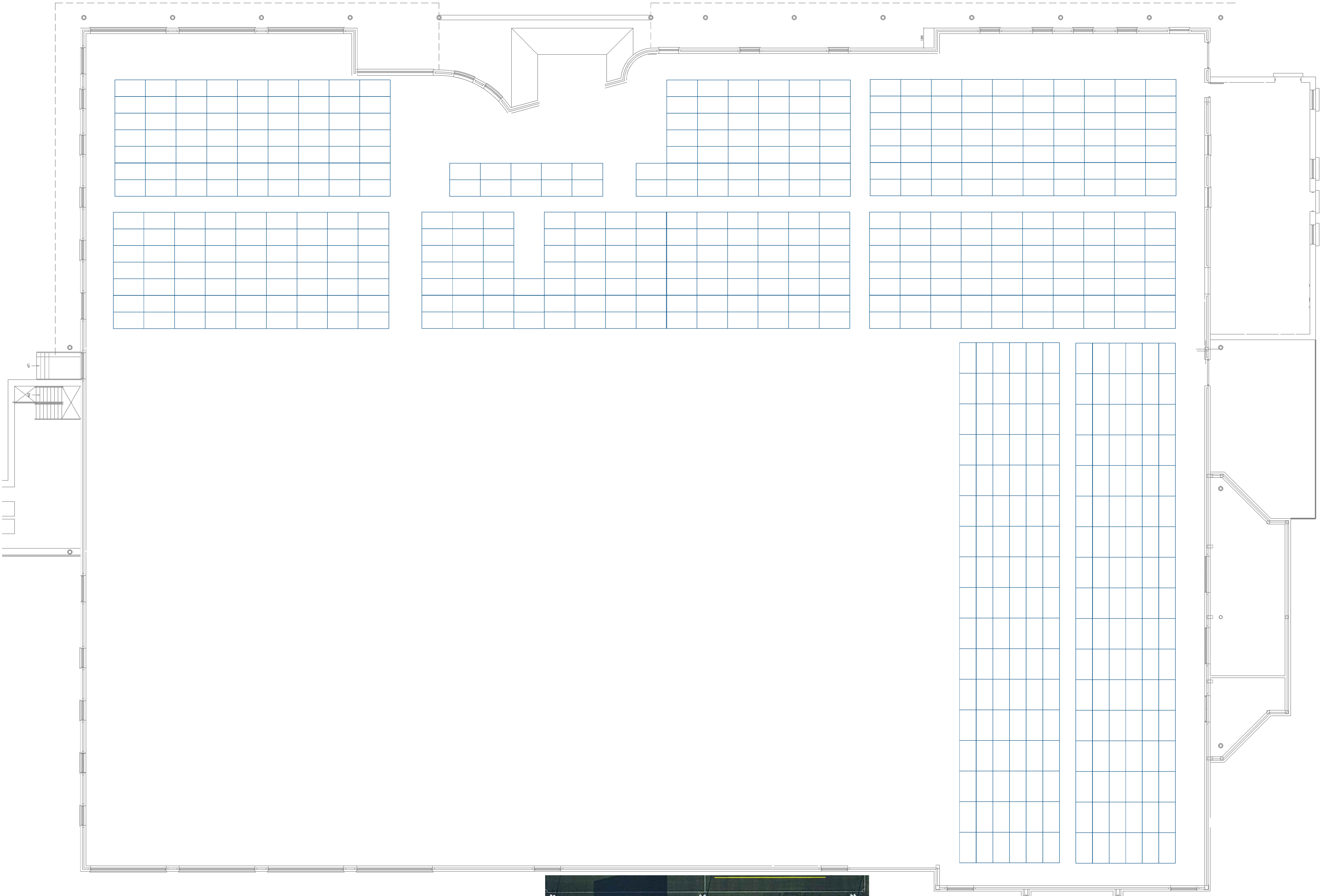
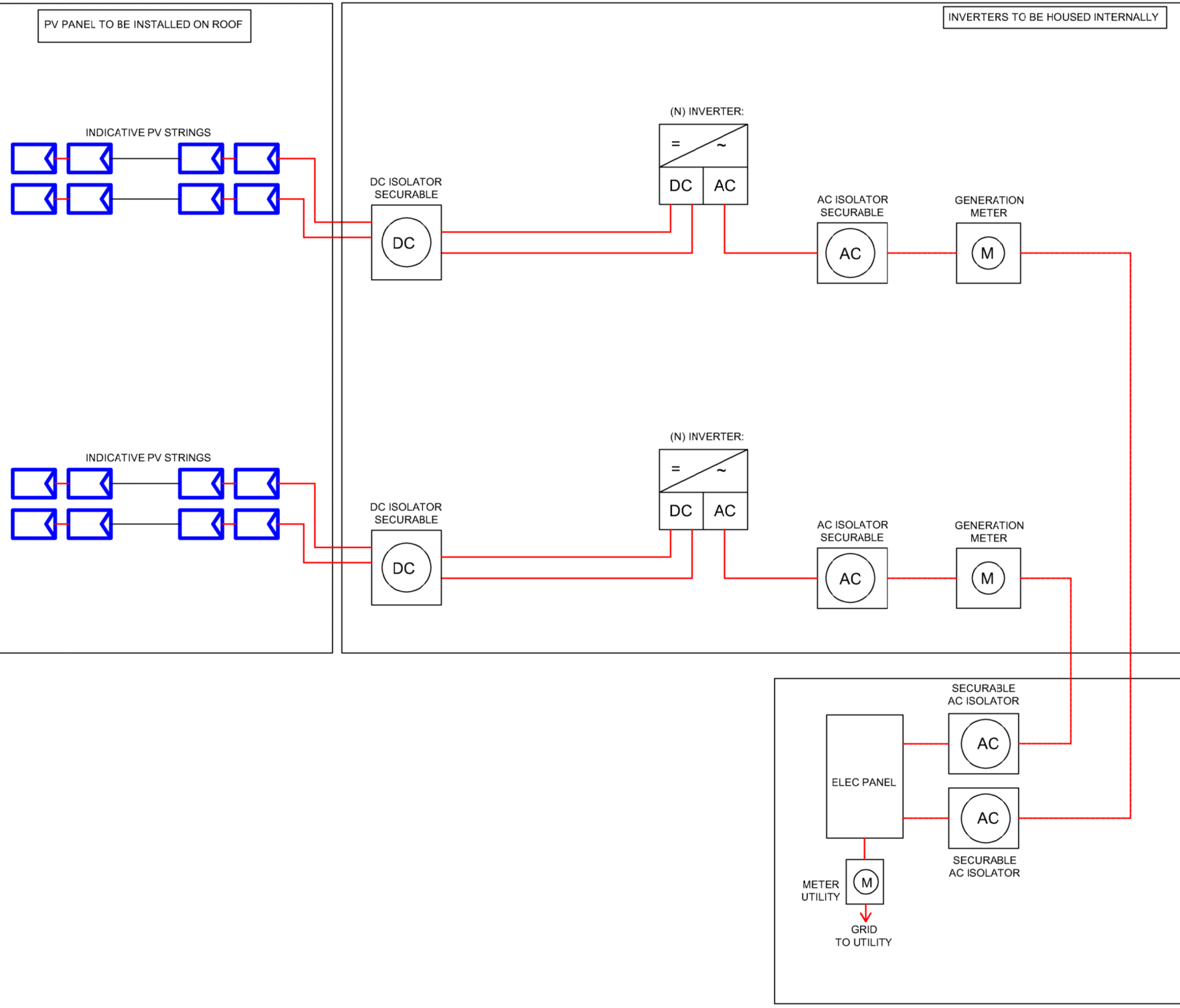




- LEGEND:
- LONGI LR5-66HTH-530W SOLAR PANEL
- GENERAL NOTES:
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS ELECTRICAL SPECIFICATION AND OTHER TENDER / CONTRACT DOCUMENTS.
 - DURING THE TENDER COSTING PERIOD THE CONTRACTOR SHALL VISIT SITE TO FAMILIARISE WITH THE SITE INSTALLATIONS.
 - ALL ELECTRICAL INSTALLATION WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH BS7671 INCORPORATING ALL CURRENT AMENDMENTS.
 - ALL SUB-MAIN CABLES SHALL BE XLPE/WALSOLH (LSF) INSULATED UNLESS STATED OTHERWISE.
 - ALL CABLES TO BE EURO CLASS CCA S1B, D2, A2 MINIMUM.
 - THE DETAILED DESIGN PROPOSALS FOR THE ROOF AREA AND CIRCA SHALL PROVIDE FOR A MINIMUM 327.54KWp OUTPUT FROM THE ARRAY OVER THE ROOF AREA.
 - IT IS PROPOSED THAT THE PV INVERTERS WILL BE LOCATED WITHIN THE EXISTING SWITCHROOM.
 - THE SOLAR PV INSTALLATION SHALL INCLUDE FOR THE FOLLOWING:
 - 618 NO LONGI LR5-66HTH-530W SOLAR PANELS
 - 310 NO S1200 SOLAREEDGE OPTIMISERS
 - 2 NO SE100K SOLAREEDGE INVERTERS
 - S FLEX STANDING SEAM ROOF MOUNTINGS
 - BIRD PROTECTION BIRD BLOCKER
 - ELECTRICAL SWITCHGEAR AND CONTAINMENT
 - AC AND DC SURGE PROTECTION
 - TEST AND COMMISSIONING
 - 4G ROUTER AND 24GB SIM VALID FOR 2 YEARS (TOP UPS BY CLIENT)
 - THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A LIGHTNING PROTECTION/ EARTHING SPECIALIST CONTRACTOR TO MODIFY WHERE REQUIRED AND EXTEND THE INSTALLATION TO PROTECT THE NEW ROOF MOUNTED PV INSTALLATIONS.

Building	kWp	PV Area (m²)	Length (mm)	Width (mm)	PANEL AREA (m²)	No.	Panel Output (W)
Halewood Leisure Centre	327.54	1467.5	2094	1134	2.37	618	375



INDICATIVE PROPOSAL FOR PV ARRAY



Rev	Date	Description	By	Check	App
T1	02/12/24	TENDER ISSUE	RC	BW	BW

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Client: Knowsley Council

Project: Halewood Leisure Centre
Baileys Lane, Halewood
L26 0TY - Decarbonisation

Office: Liverpool

Discipline: Electrical

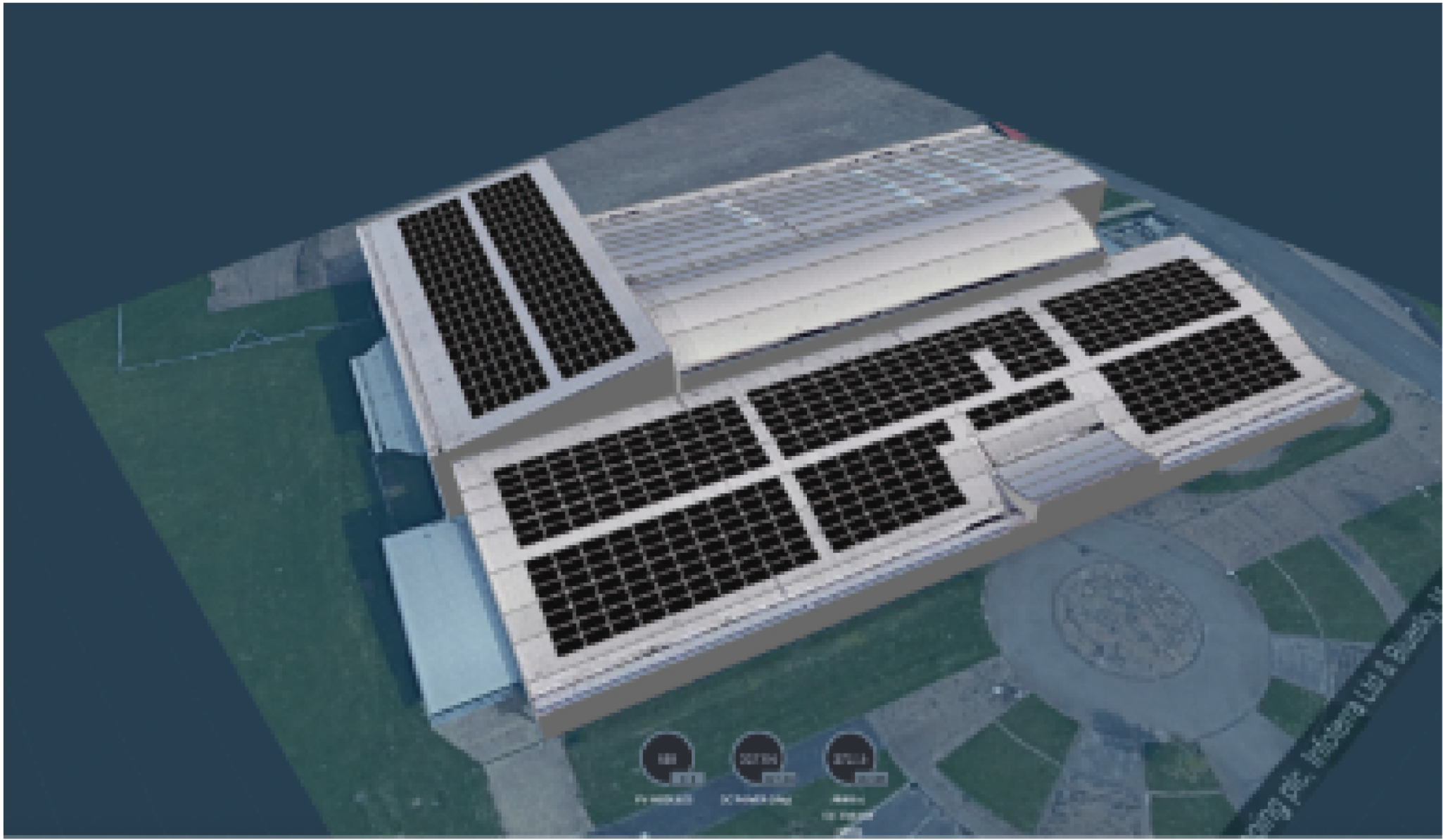
Title: ROOF PLAN
INDICATIVE PV LAYOUT

Scale @ A0: 1:100

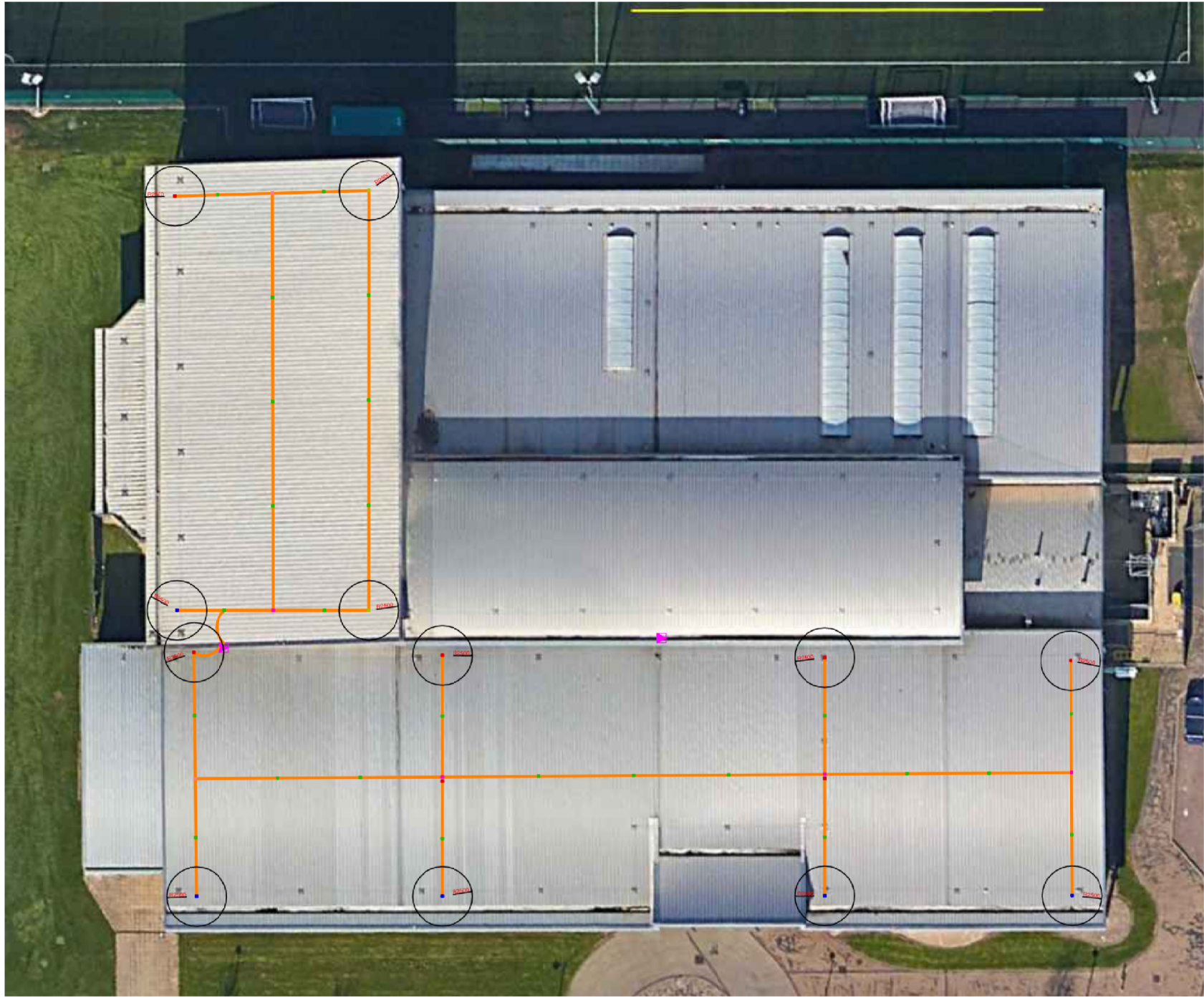
Status: TENDER



Project No.	Originator	Building/Zone	Level
7-10603	CCL	XX	RF
Type	Discipline	Drawing No.	Revision
DR	E	9001	T1



INDICATIVE VIEW OF PROPOSED PV INSTALLATION SCALE: NTS



PROPOSED FALL ARREST SYSTEM SCALE: NTS