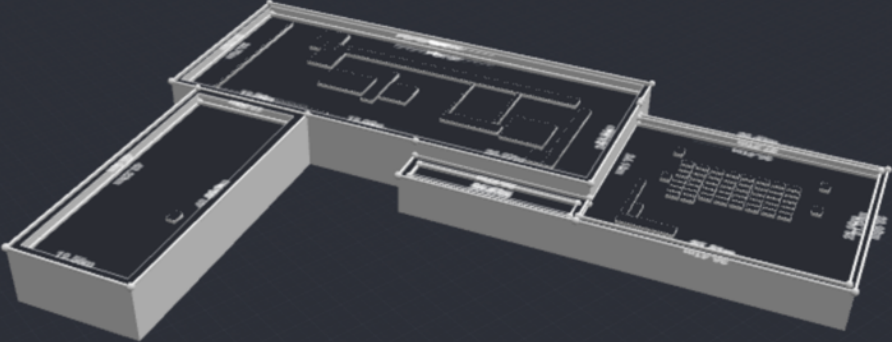
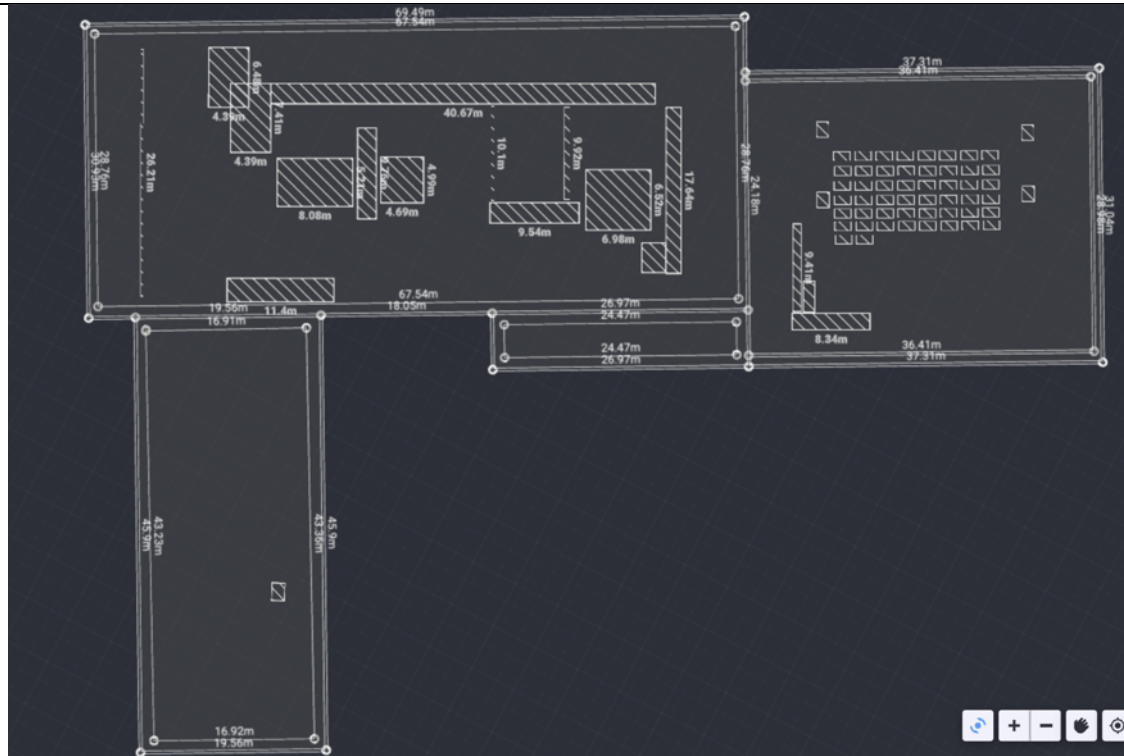
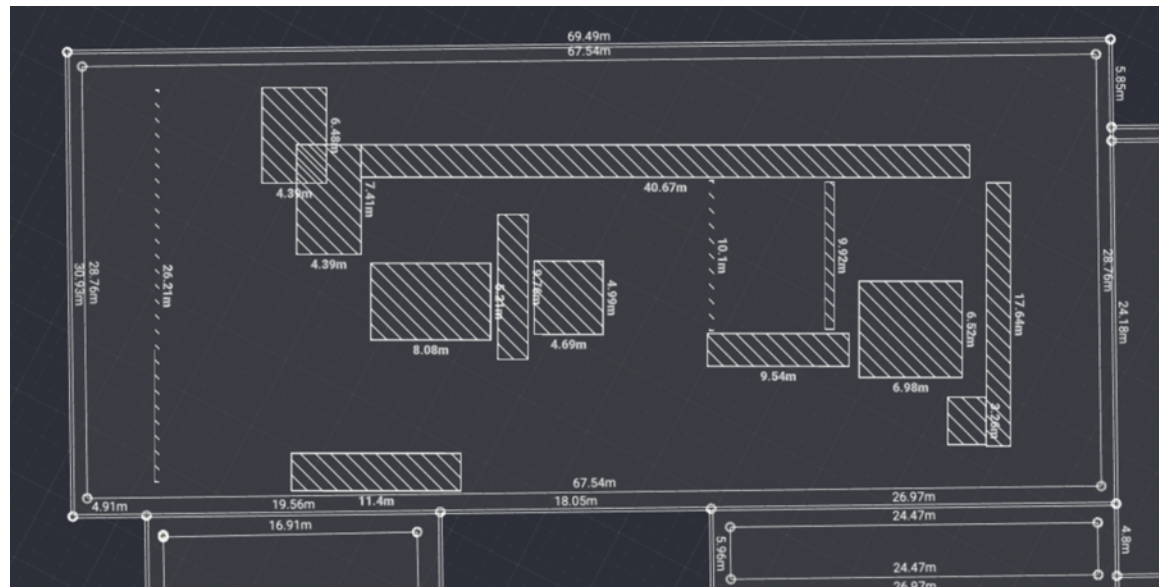
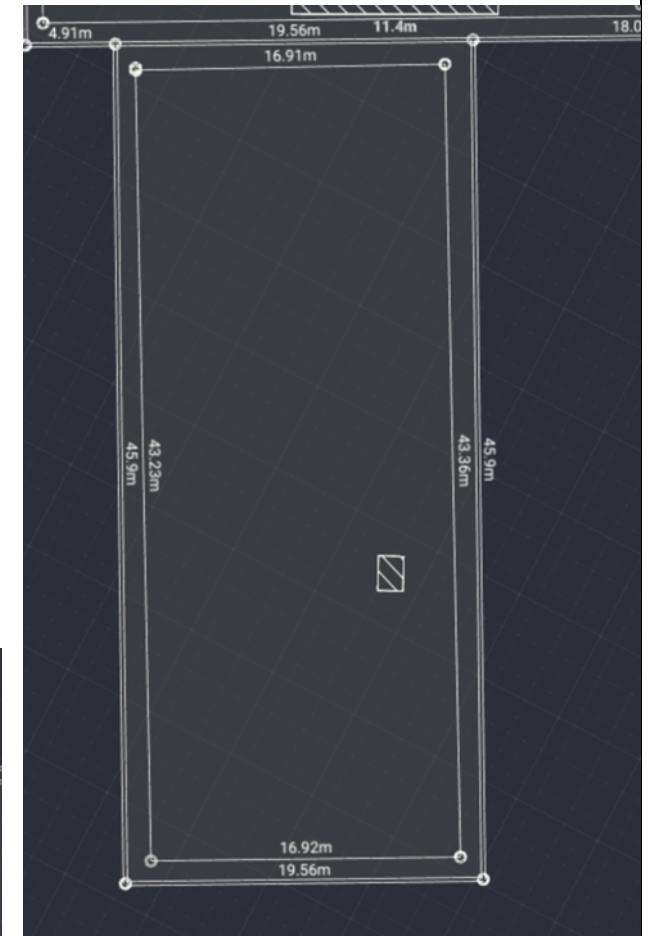


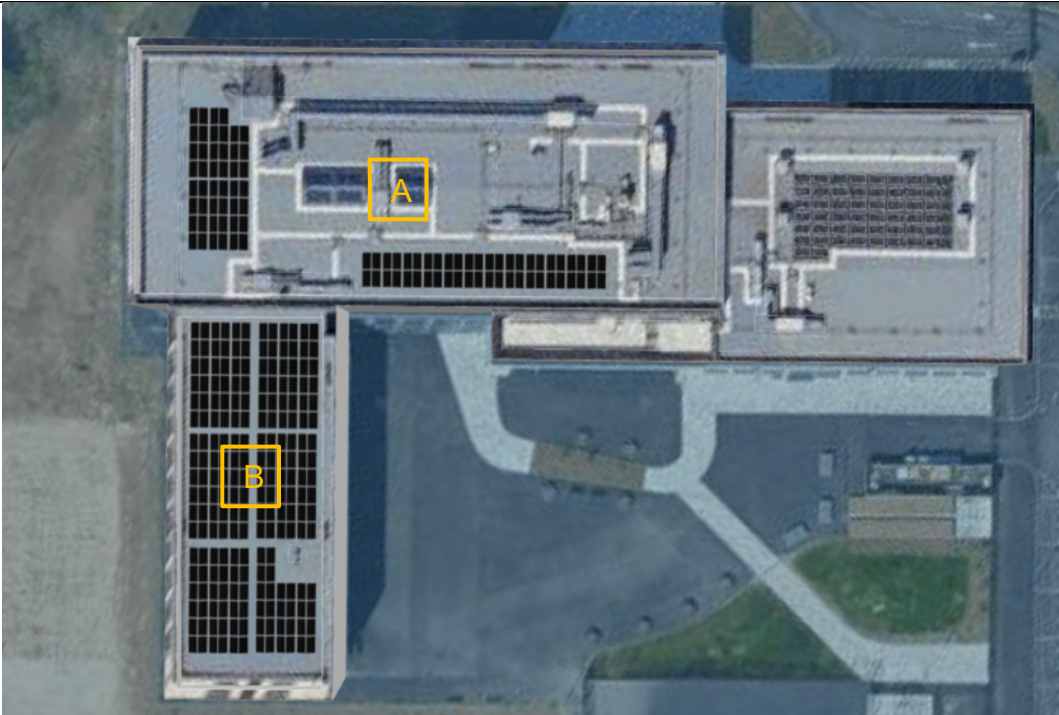
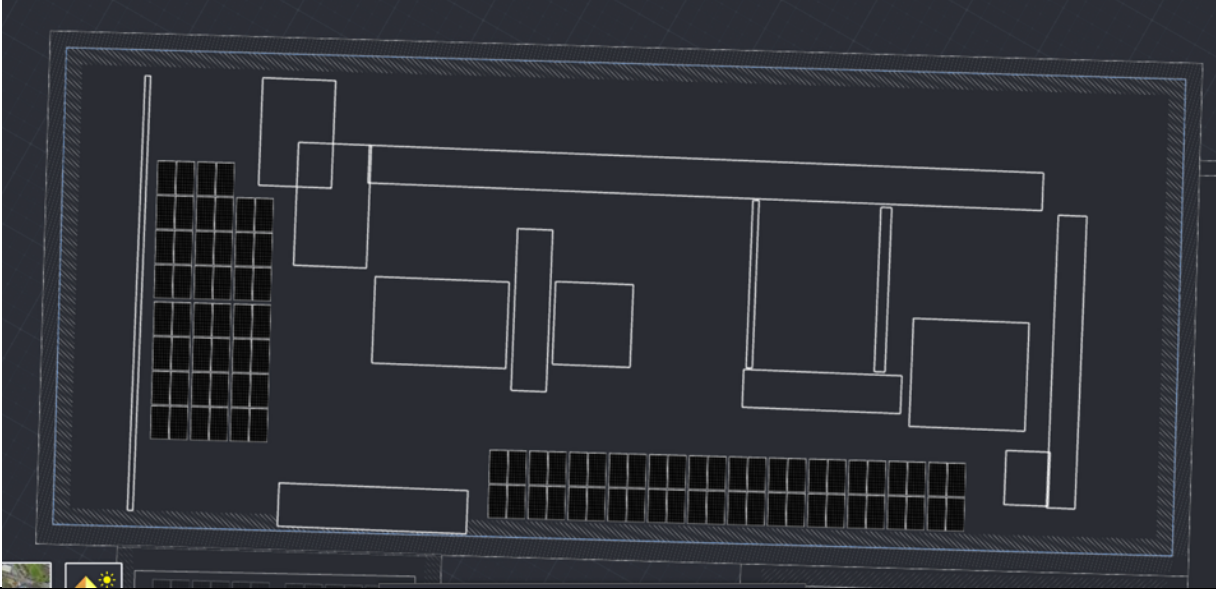
Site Address:	450 Hyde Rd, Manchester M12 4BA
Solar PV Installation Overview	161.57 kWp installation consisting of 302 x 530W PV Modules
Permitted Development Information	<p>Solar PV modules must not protrude more than 0.2m beyond the plane of the roof slope when installed on a pitched roof</p> <p>Solar PV modules must not protrude more than 1 meter above the highest part of the roof when installed on a flat roof</p> <p>The solar PV equipment must not be installed within 1 meter of the external edge of the roof</p> <p>Further information can be found at https://www.legislation.gov.uk/ukxi/2015/596/schedule/2/part/14/crossheading/class-j-installation-or-alteration-etc-of-solar-equipment-on-nondomestic-premises</p>
Roof type	Flat Roof
Mounting System type	PV Flat roof mounting system with east / west panel mounting design (additional information below)
Site / Design Images and Information	

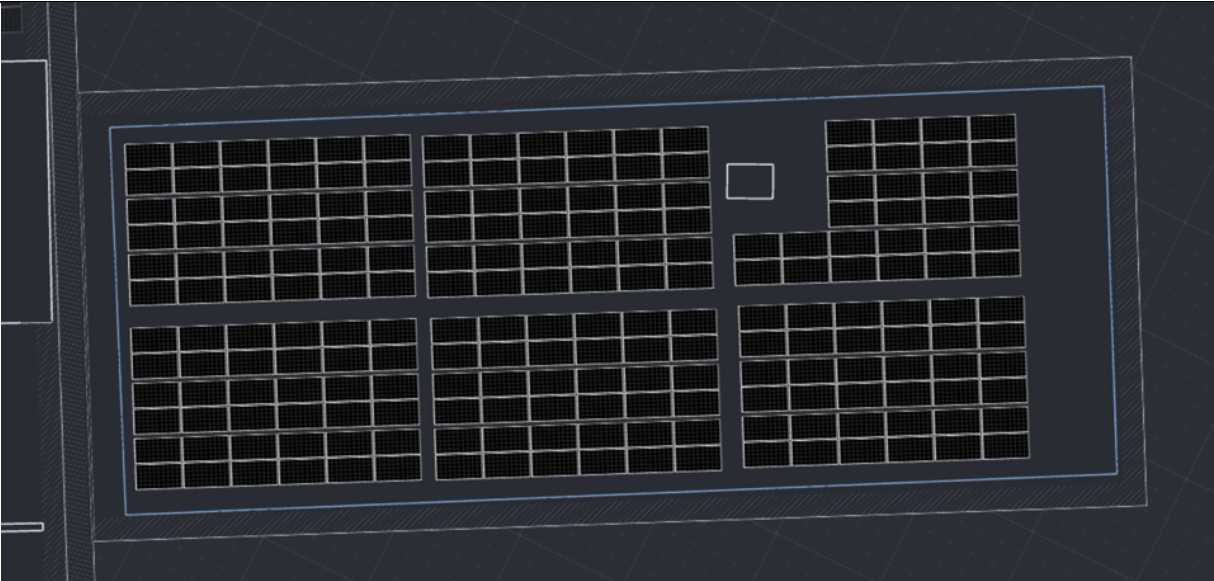
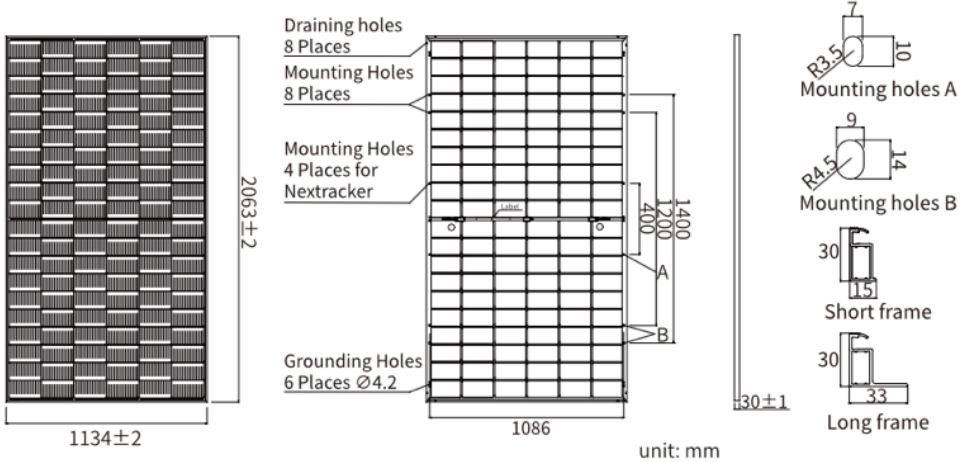
<p>Project Overview</p>		
<p>Site Location</p>		

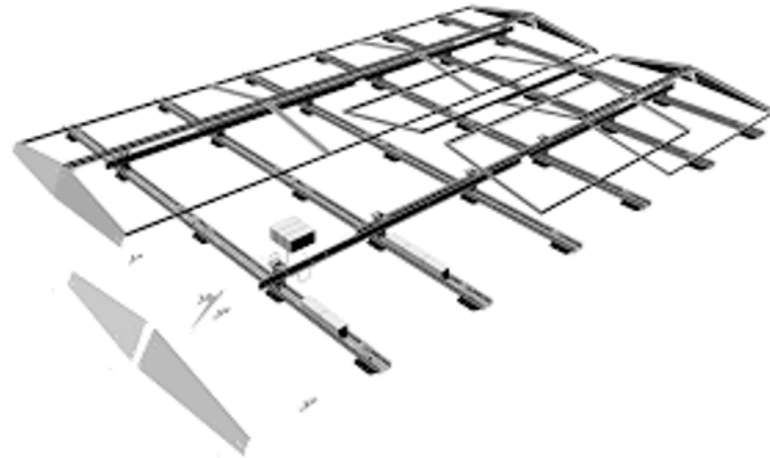
<p>Site Modelling</p>			
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Roof Plan
(Including
dimensions)



<p>Roof Elevation Identification Plan</p>	
<p>Module installation plan (including 1m perimeter) Elevation 1</p> <p>Additional images shown in appendix A</p>	<div data-bbox="315 890 376 954">A</div> 

<p>Module installation plan (including 1m perimeter) Elevation 1</p> <p>Additional images shown in appendix B</p>	<div data-bbox="315 172 376 234"><p>B</p></div> 
<p>Module Dimensions</p>	<p>Length - 2063 mm / Width - 1134 mm / Frame Depth - 30mm</p> <div data-bbox="741 858 1697 1321"><p>unit: mm</p></div>

Mounting
Dimensions

**Esdec FlatFix
East / West
Orientation flat roof
mounting system**

Finished protrusion height of solar panels above existing roof plane - <0.5m

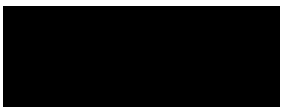


**Protrusion
height from
roof plane:
450mm**

System Declaration

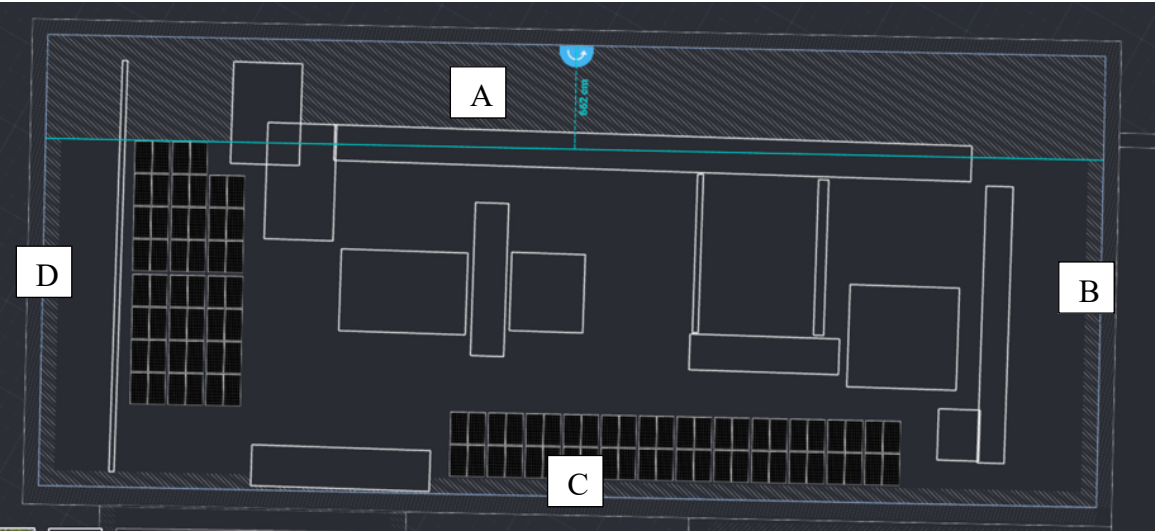
I confirm that the above information is true and accurate and that to the best of my knowledge the project specification outlined above satisfies the requirements of the Town and Country Planning (General Permitted Development) (England) Order 2015 (Update 21/12/2023) Class J – Installation or alteration of solar equipment on non-domestic premises.

Signed

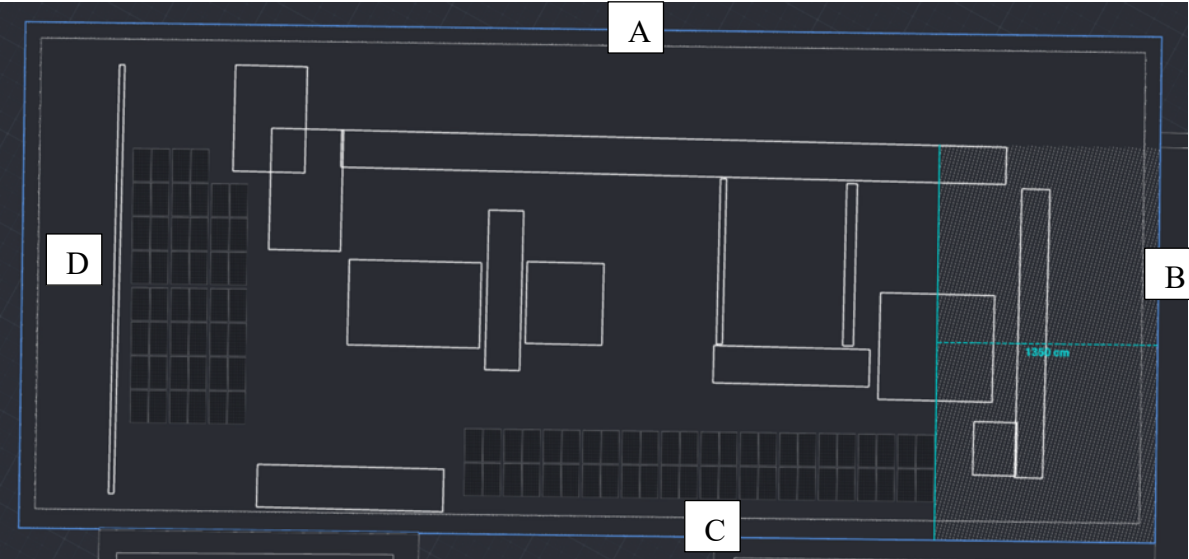


Ben Nuttall
System Designer
NPS Energy Ltd
Completion of report

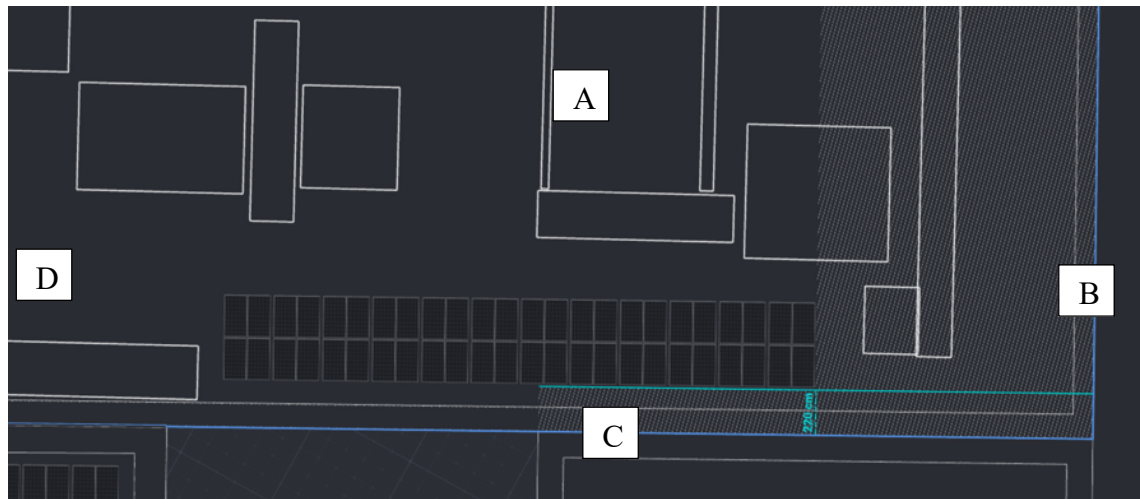
Appendix A



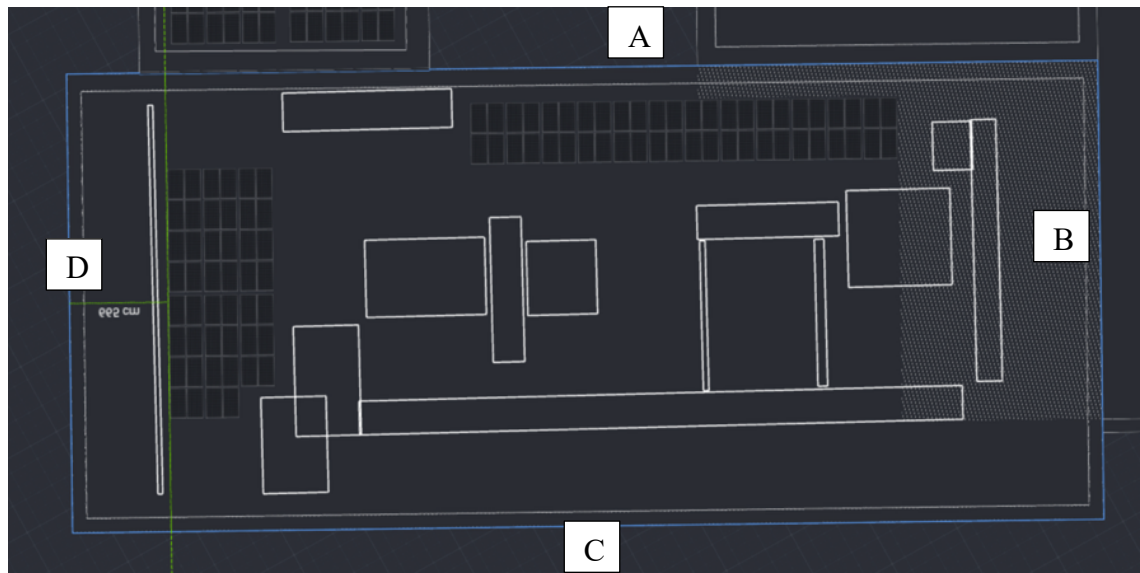
This image shows the panels are 662cm from external edge A.



This image shows the panels are 1350cm from external edge B.

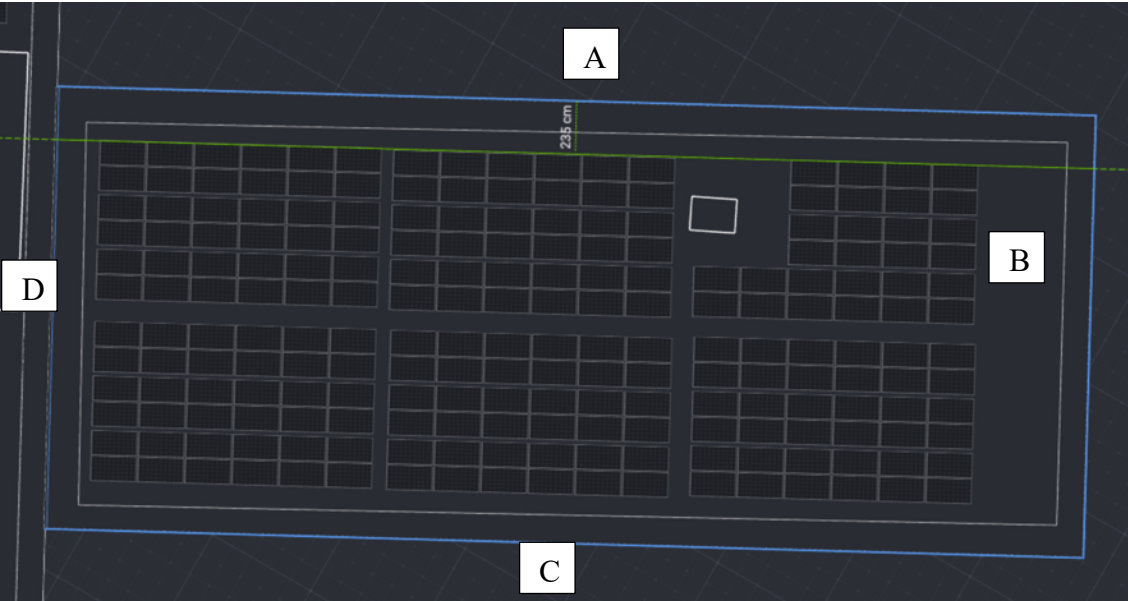


This image shows the panels are 220cm from external edge c.

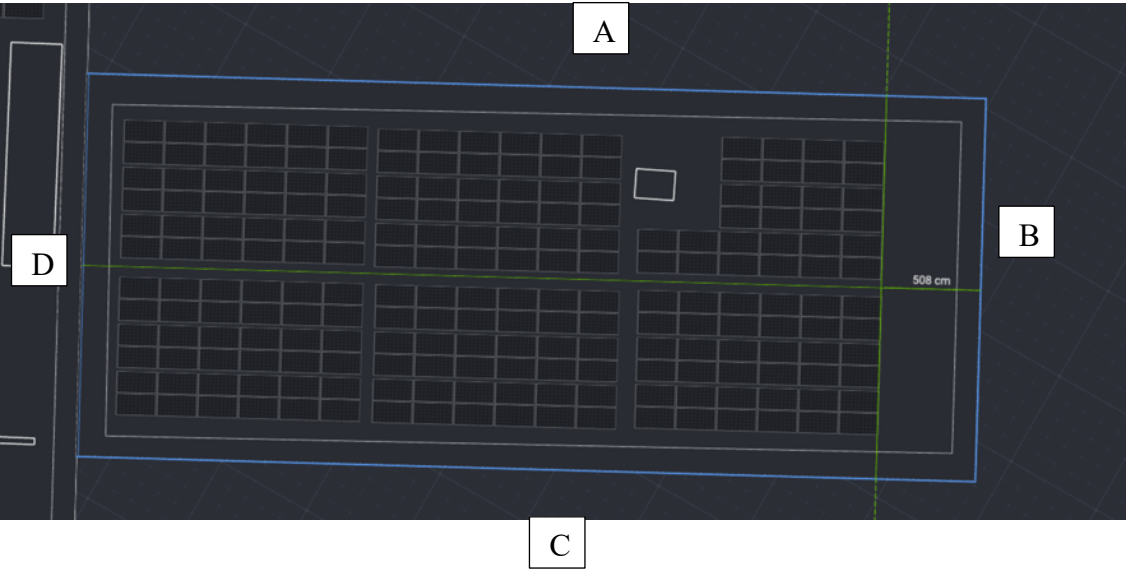


This image shows the panels are 665cm from external edge D.

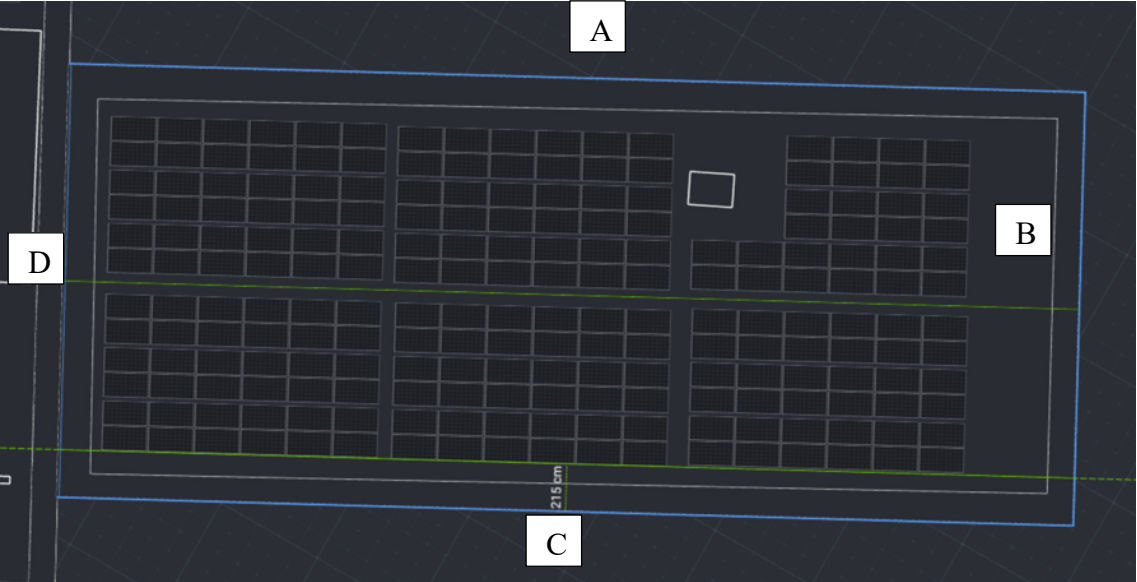
Appendix B



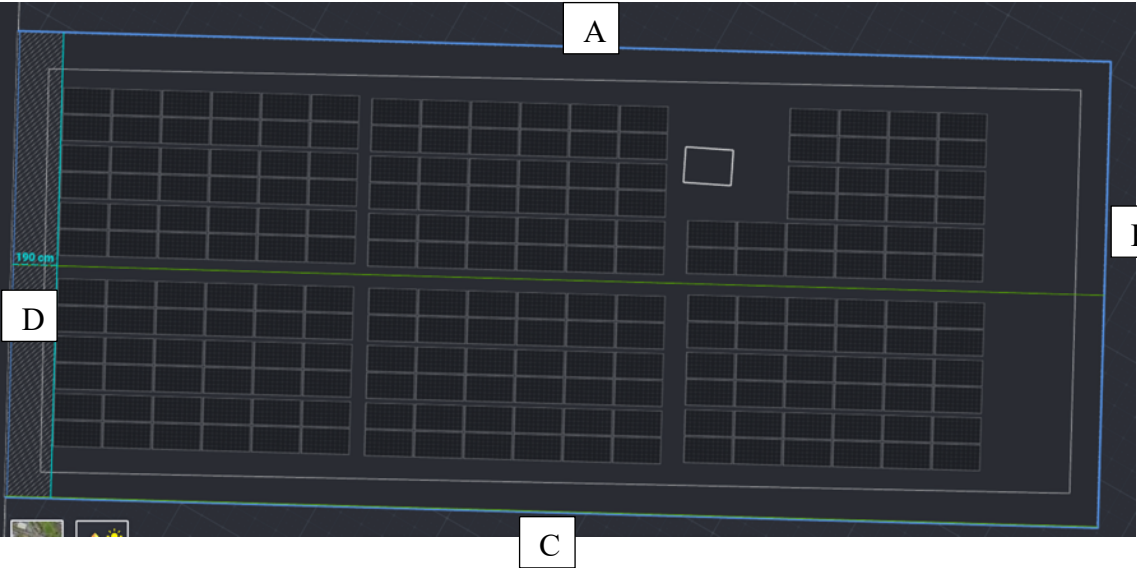
This image shows the panels are 235cm from external edge A.



This image shows the panels are 508cm from external edge B.



This image shows the panels are 215cm from external edge C.



This image shows the panels are 190cm from external edge D.