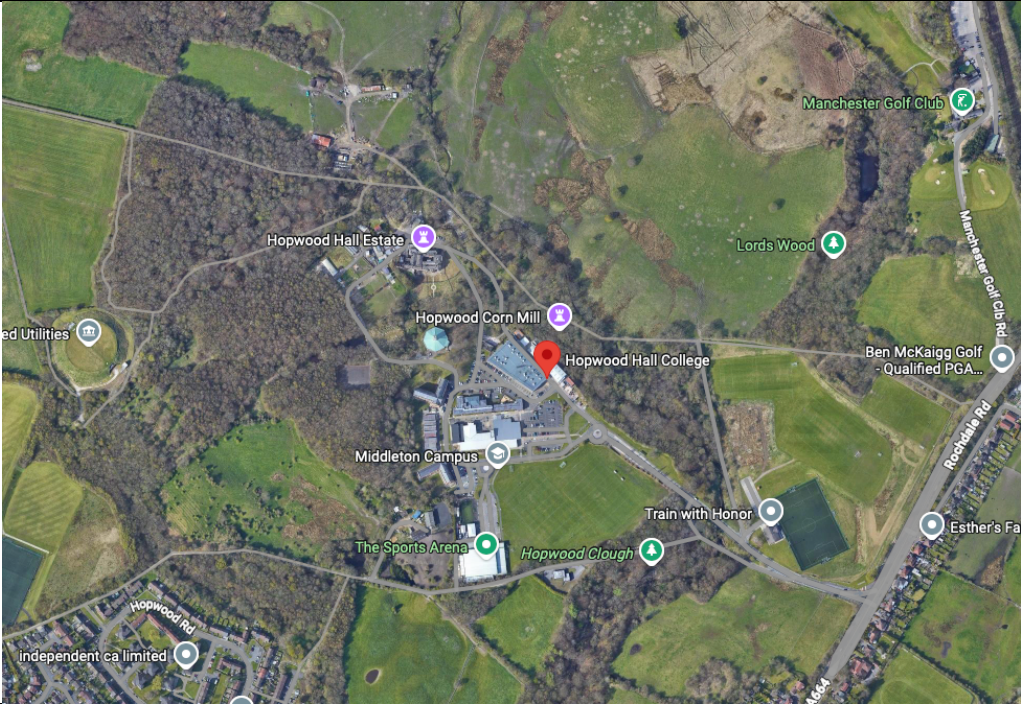
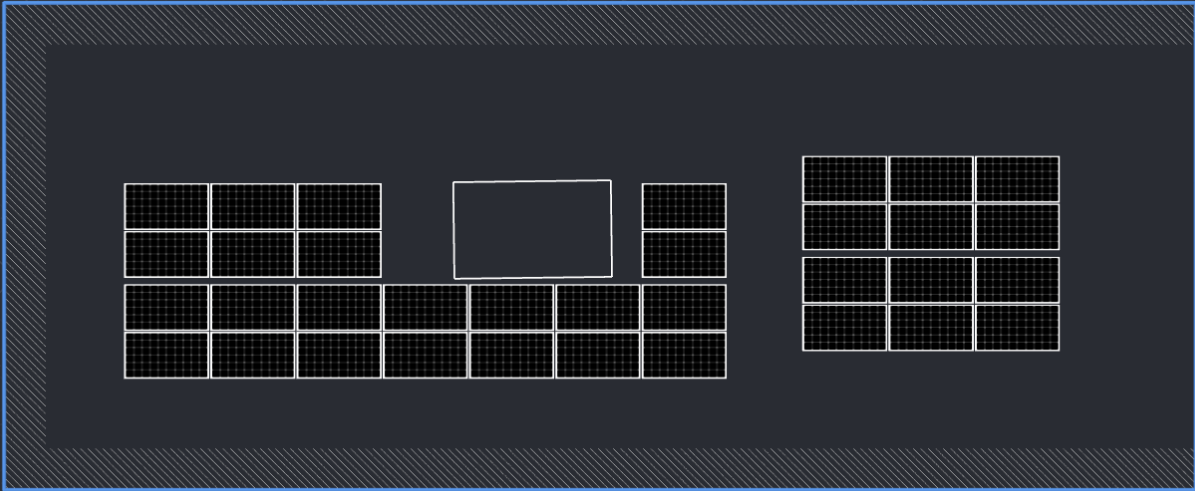
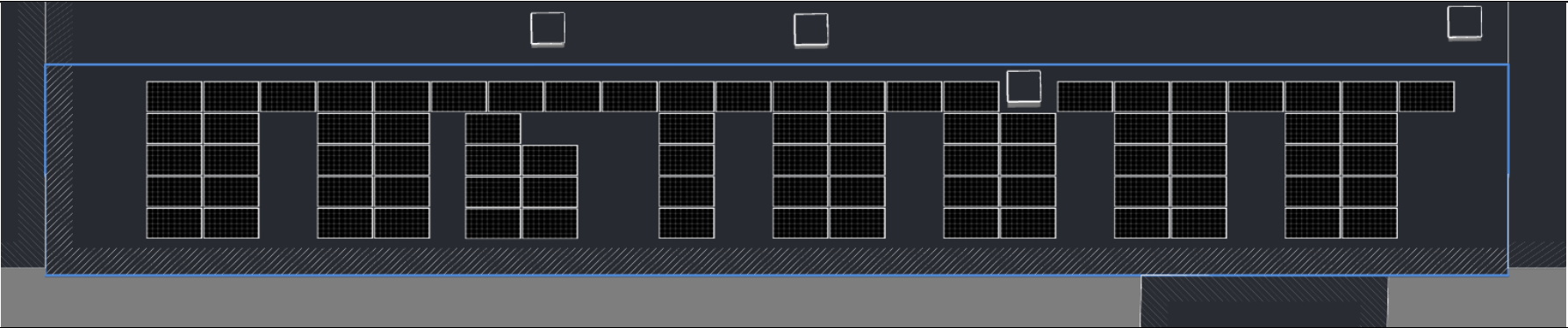
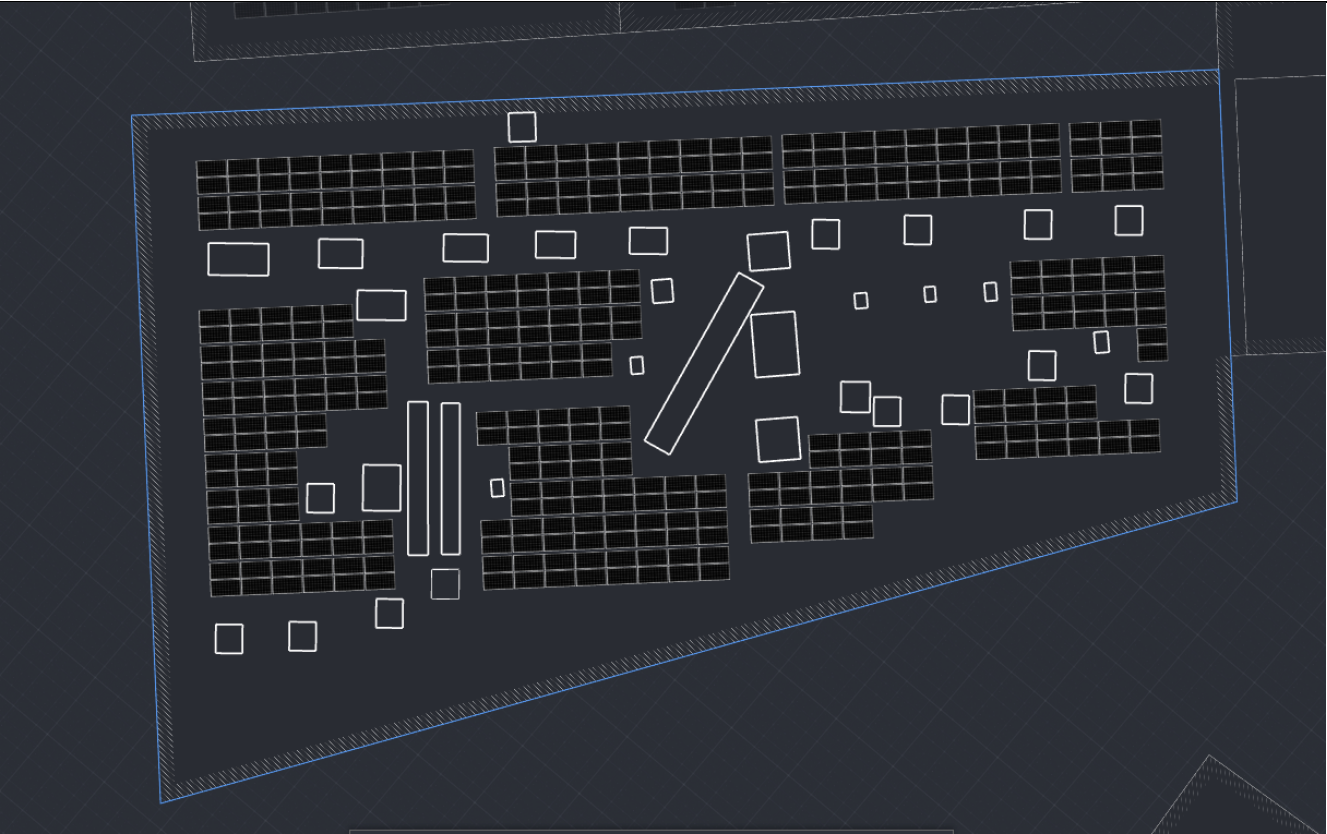


Site Address:	Rochdale Rd, Middleton, Manchester M24 6XH
Solar PV Installation Overview	279.81 kWp installation consisting of 523 x 540W PV Modules
Permitted Development Information	Solar PV modules must not protrude more than 0.2m beyond the plane of the roof slope when installed on a pitched roof Solar PV modules must not protrude more than 1 meter above the highest part of the roof when installed on a flat roof The solar PV equipment must not be installed within 1 meter of the external edge of the roof 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
Roof type	Pitched and Flat Roof Design
Mounting System type	Clenergy Standing Seam + Flatfix fusion East/West (additional information below)
Site / Design Images and Information	

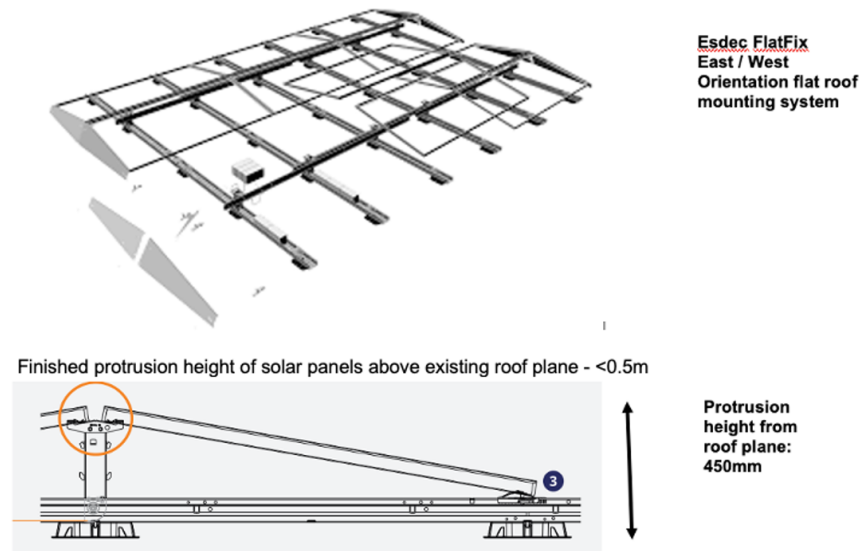
Project Overview		
Site Location		

Roof Elevation Identification Plan	 An aerial photograph of a large, multi-section building with a flat roof. Four specific areas of the roof are highlighted with yellow boxes and numbered 1 through 4. Area 1 is on the top-left section, Area 2 is on the top-middle section, Area 3 is on the top-right section, and Area 4 is on the large central section. The roof is covered with numerous solar panels. Surrounding the building are green trees and a parking lot with several cars.
Module installation plan (including 1m perimeter) Elevation 1 Additional images shown in appendix A	 A detailed module installation plan for the roof. It shows the layout of solar panels as a grid of small squares. The panels are arranged in several rows and columns, with some areas left empty. A blue line outlines the perimeter of the installation area. The background is dark grey with a subtle grid pattern.

Module installation plan (including 1m perimeter) Elevation 2 Additional images shown in appendix B	
Module installation plan (including 1m perimeter) Elevation 3 Additional images shown in appendix C	

Module installation plan (including 1m perimeter) Elevation 4 Additional images shown in appendix D	
Module Dimensions	Length - 2063 mm / Width - 1134 mm / Frame Depth - 30mm

	Technical drawing of solar panel dimensions and mounting details. The drawing includes a top view of the panel with dimensions 1134±2 mm width and 2063±2 mm height. It shows a grid of mounting holes and draining holes. Labels indicate: Draining holes 8 Places, Mounting Holes 8 Places, Mounting Holes 4 Places for Nextracker, and Grounding Holes 6 Places Ø4.2. A side view shows the panel thickness of 1086 mm and mounting hole spacing of 1400 mm. A detail view shows the mounting holes A and B with dimensions 7, 10, 9, 14, 30, 15, 30, 33. A note indicates unit: mm.
Mounting Dimensions	3D perspective view of the solar panel mounting system. The drawing shows the panel mounted on a roof plane. Labels indicate: Mounting bracket overall height – 135mm, Finished protrusion height of solar panels above existing roof plane - <0.2m, Protrusion height from roof plane: 100mm, Clearance: > 3mm, and Clenergy standing seam.



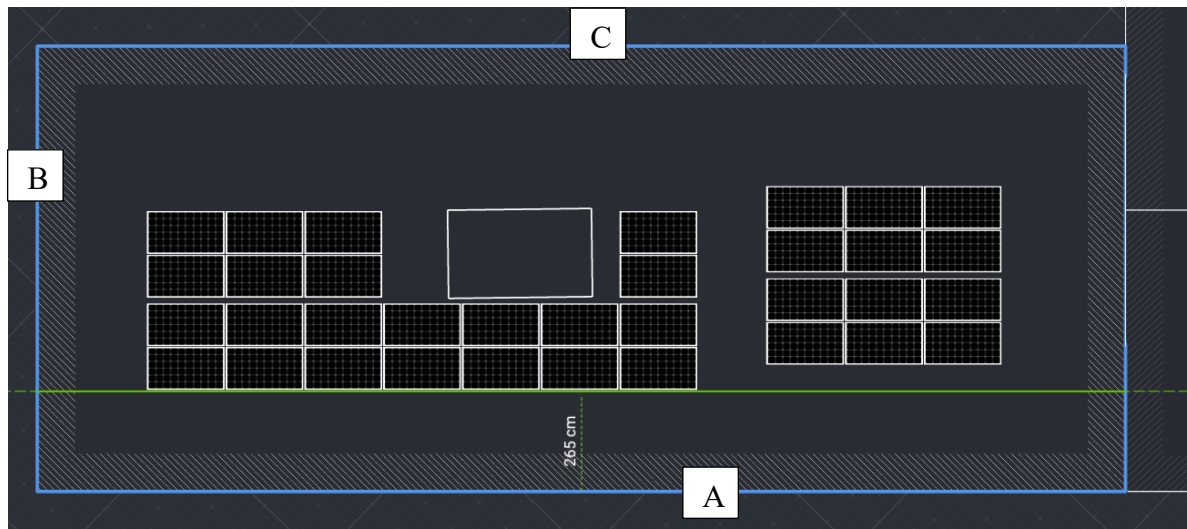
System Declaration

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.

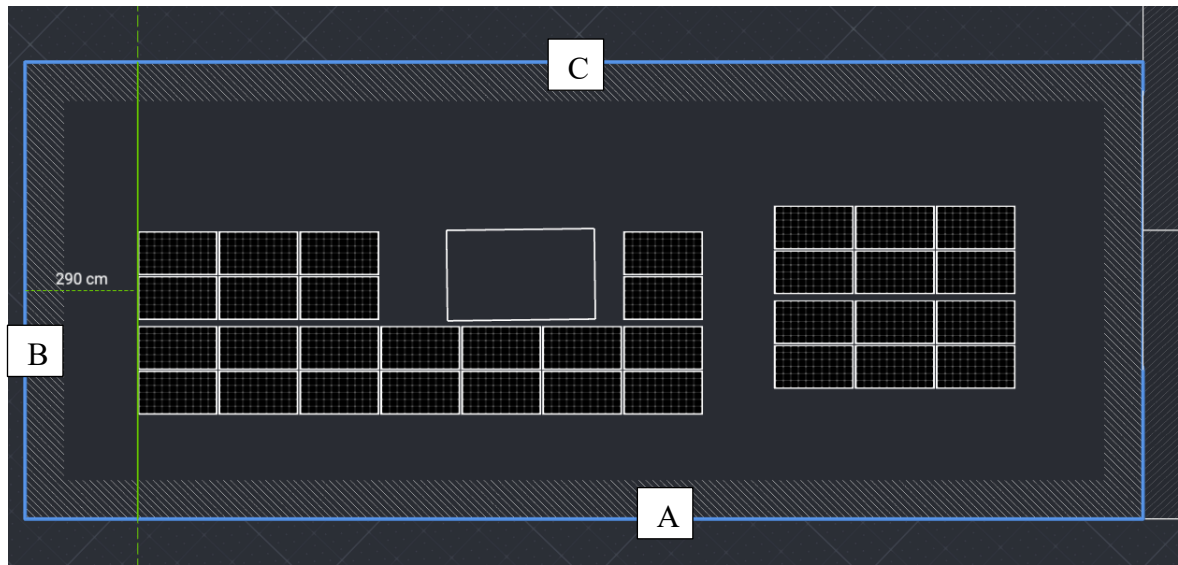
Signed

Ben Nuttall
System Designer
NPS Energy Ltd
Completion of report

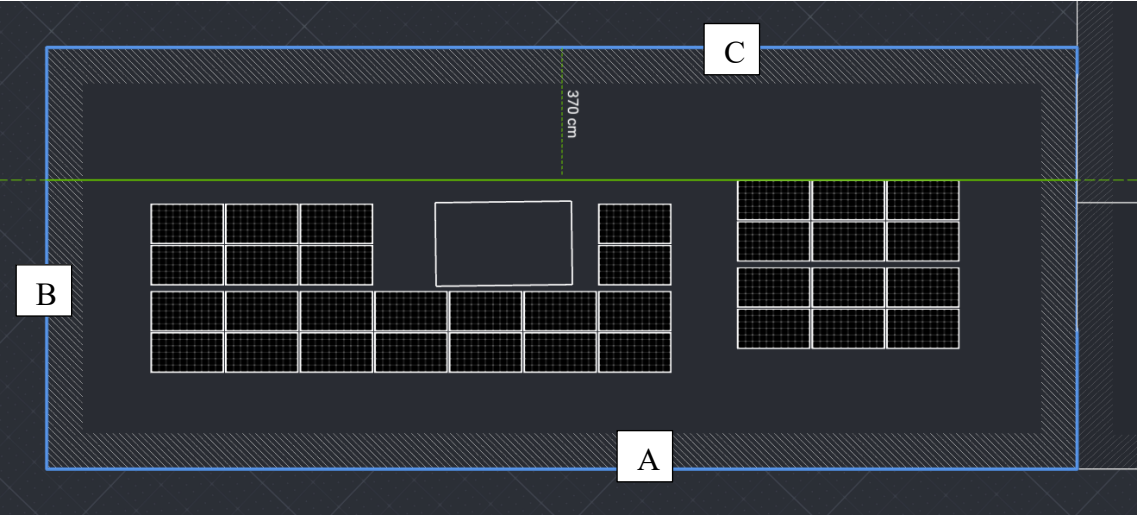
Appendix A



This image shows the panels are 265cm from external edge A.

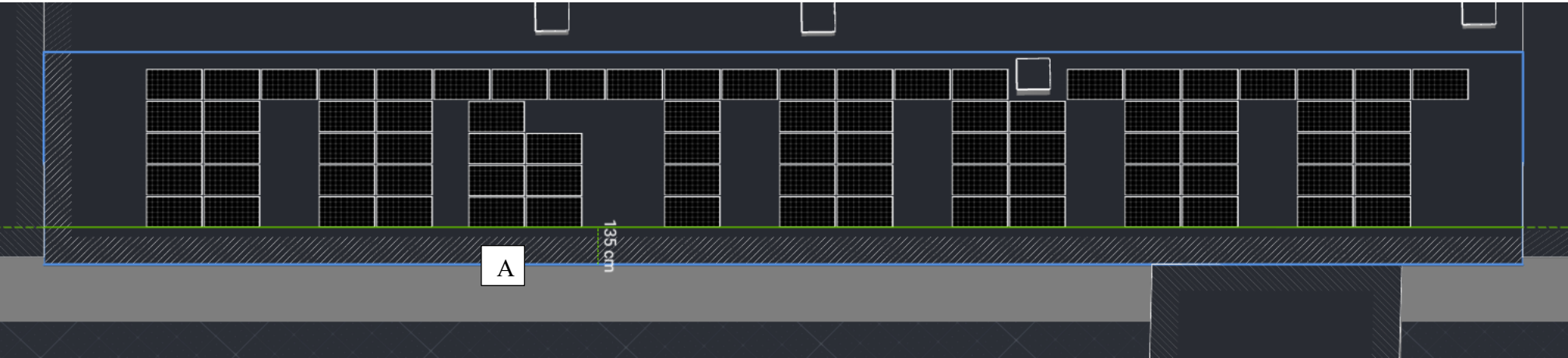


This image shows the panels are 290cm from external edge B.



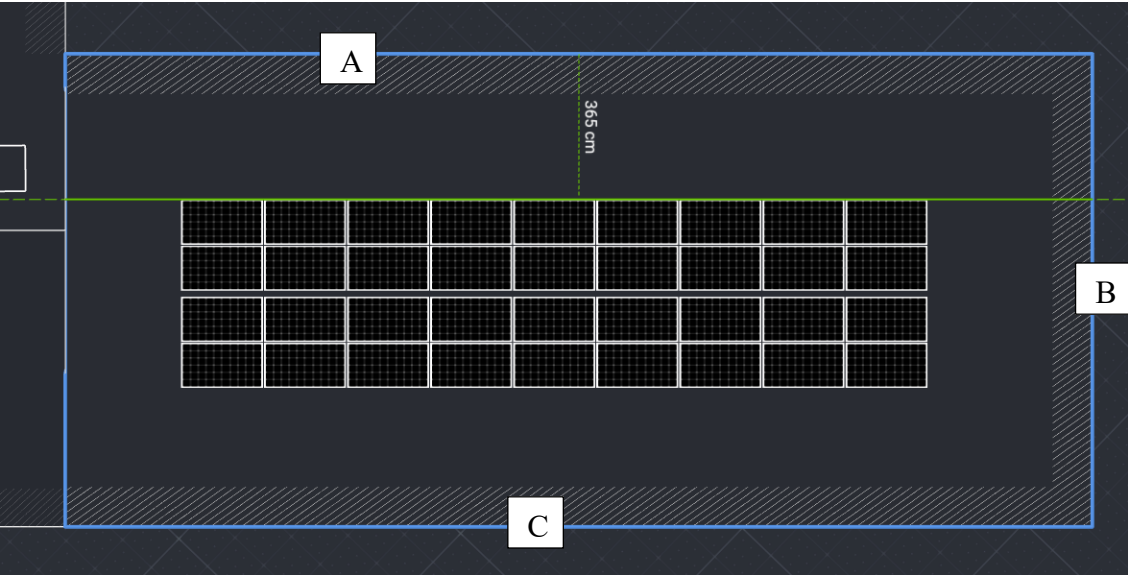
This image shows the panels are 370cm from external edge B.

Appendix B

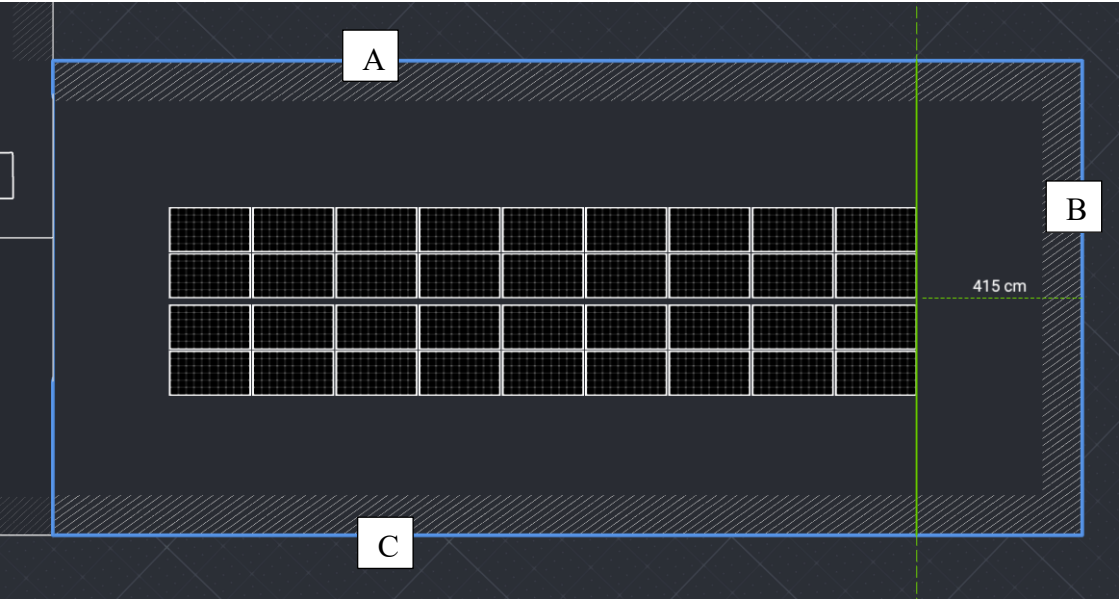


This image shows the panels are 135cm from external edge A.

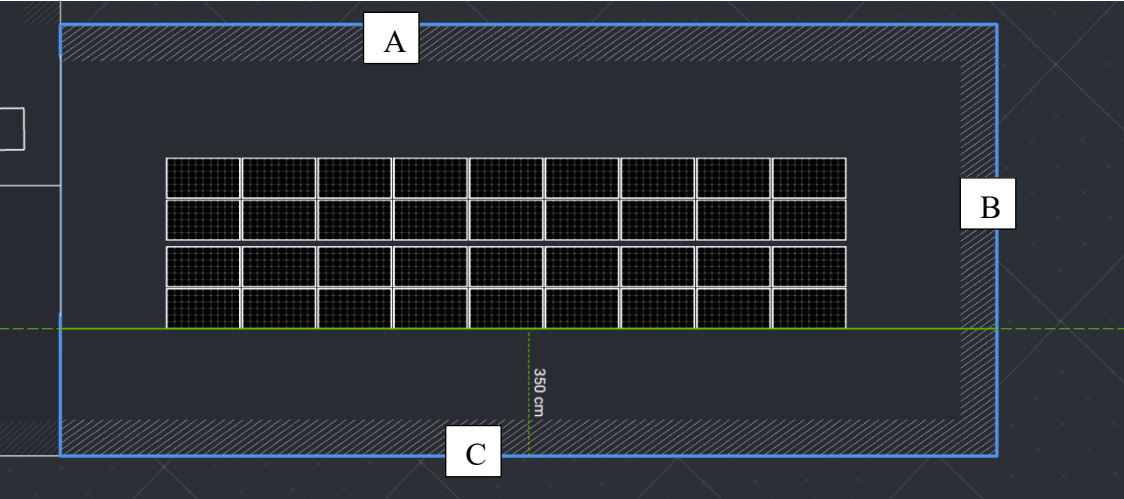
Appendix C



This image shows the panels are 365cm from external edge A.

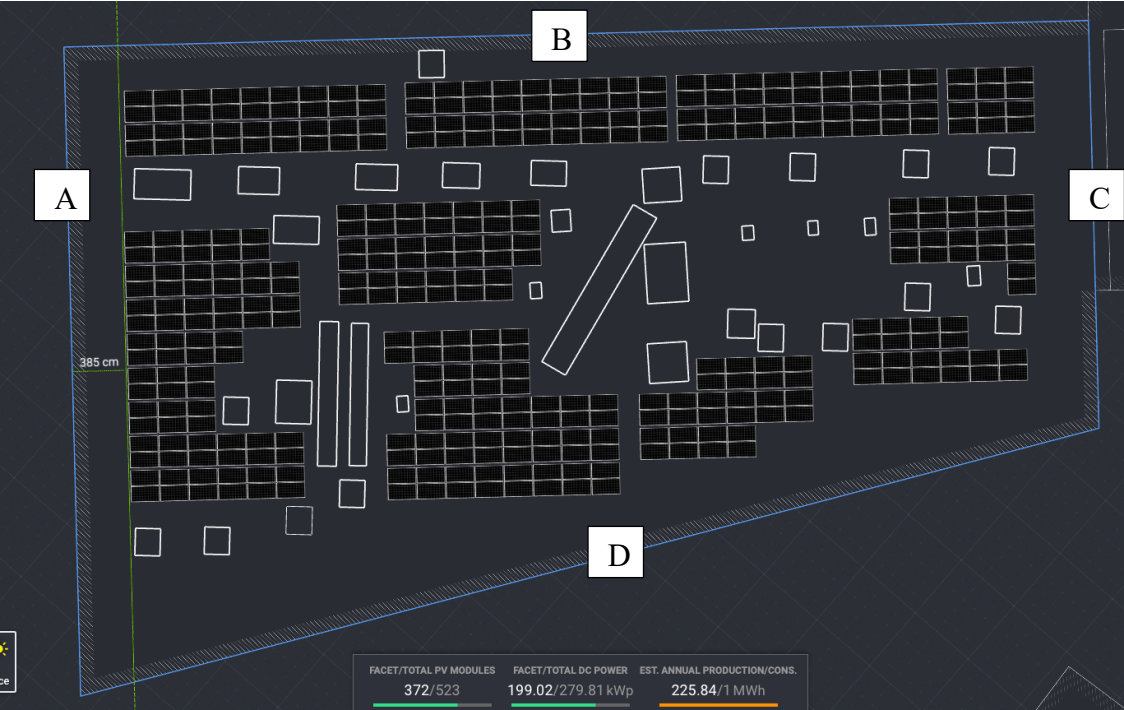


This image shows the panels are 415cm from external edge B.

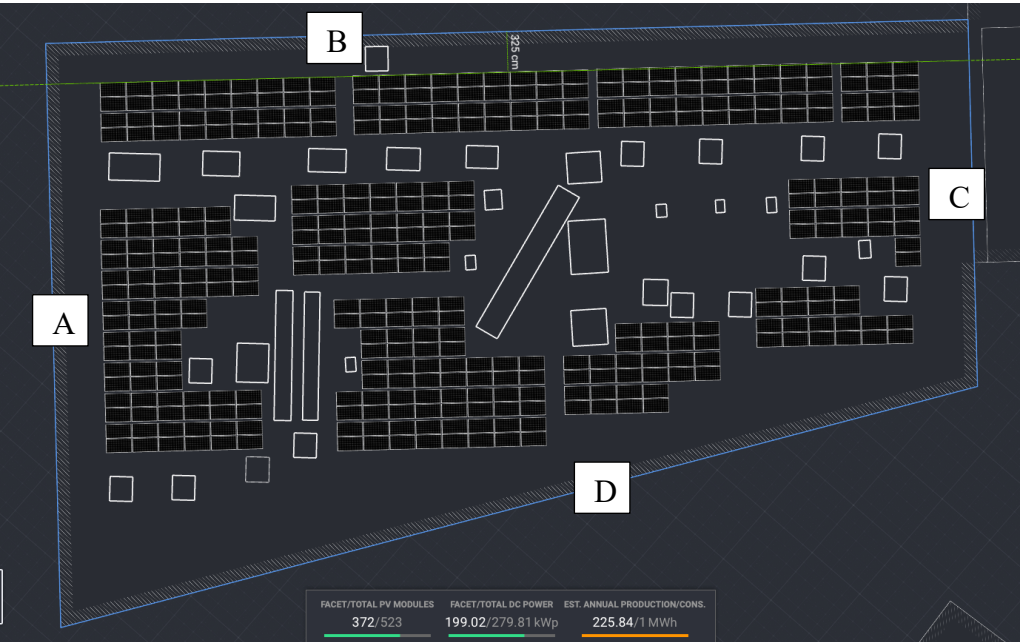


This image shows the panels are 350cm from external edge C.

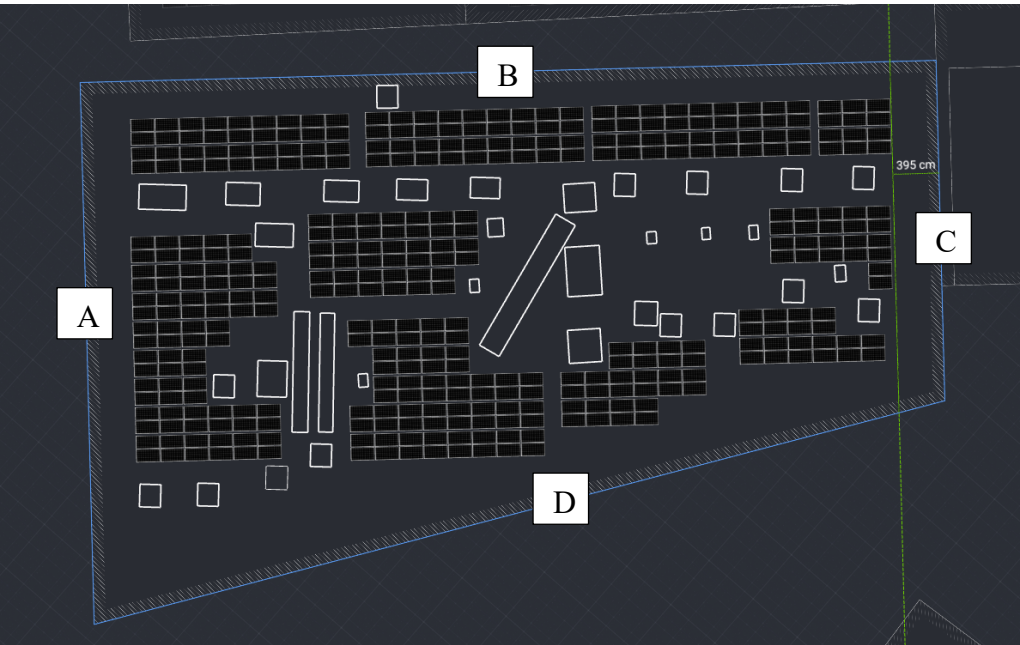
Appendix D



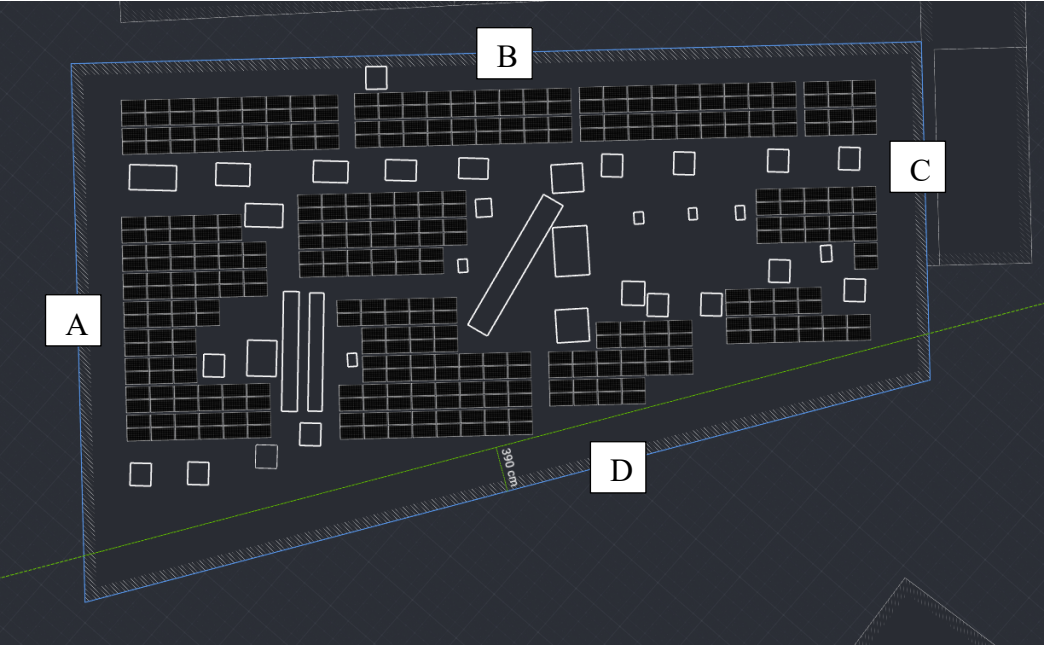
This image shows the panels are 385cm from external edge C.



This image shows the panels are 325cm from external edge B.



This image shows the panels are 395cm from external edge C.



This image shows the panels are 390cm from external edge D.