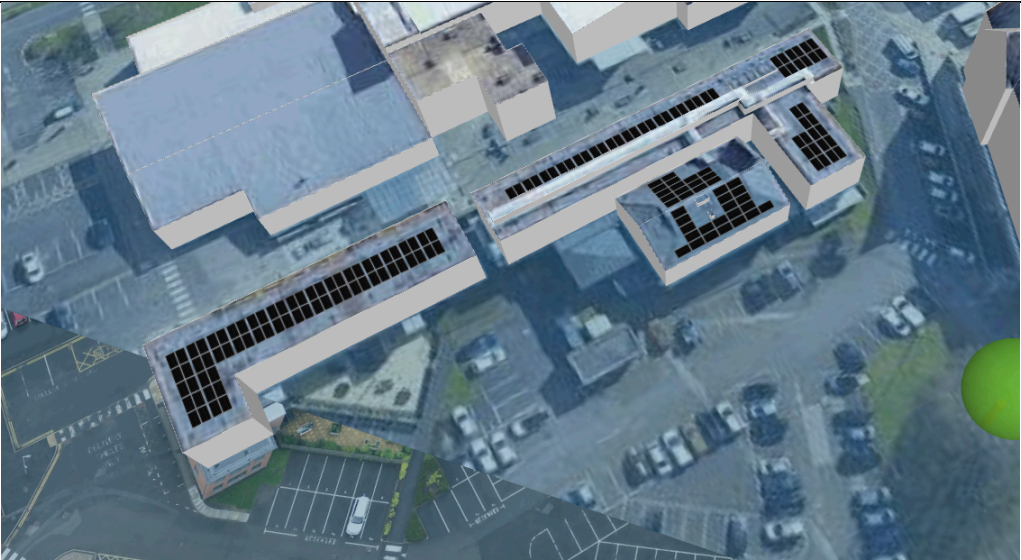
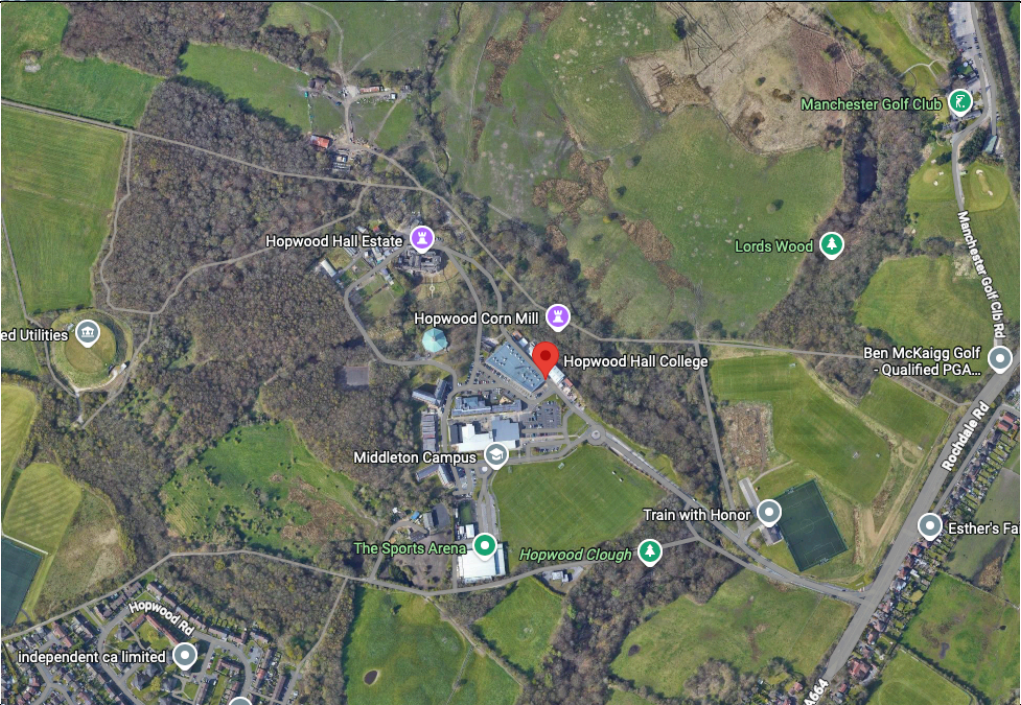
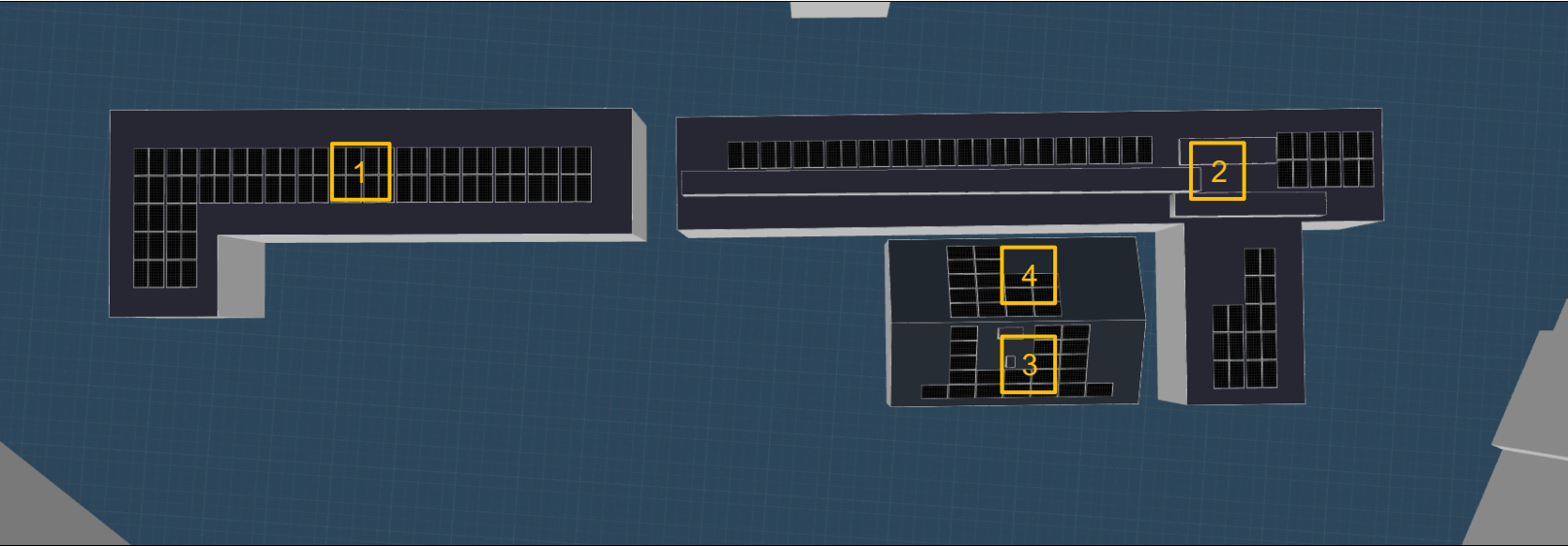
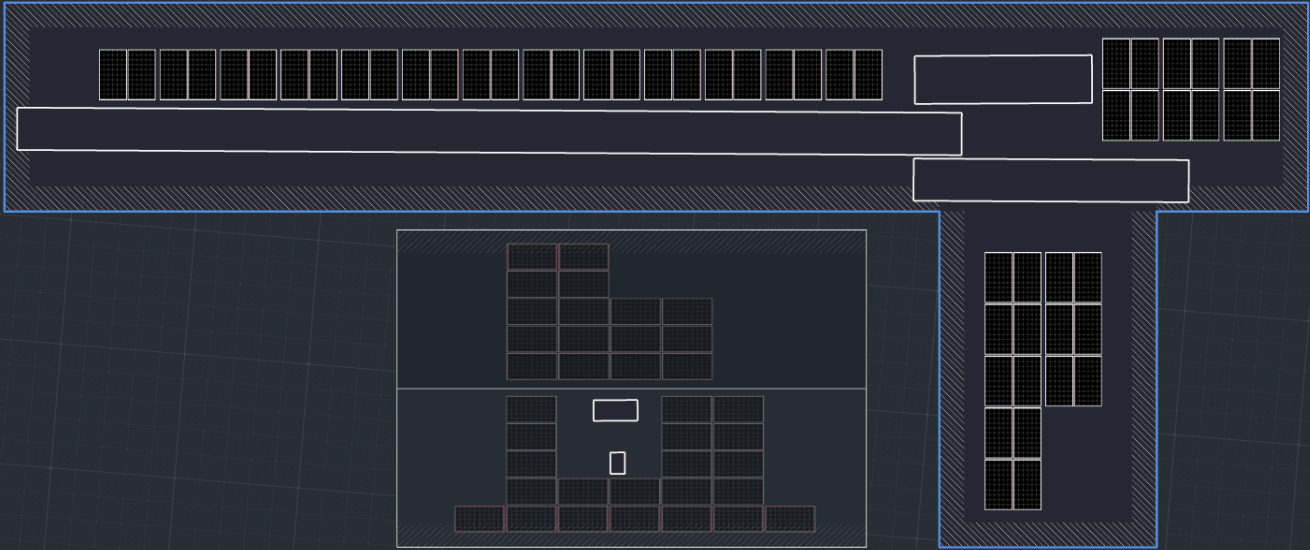
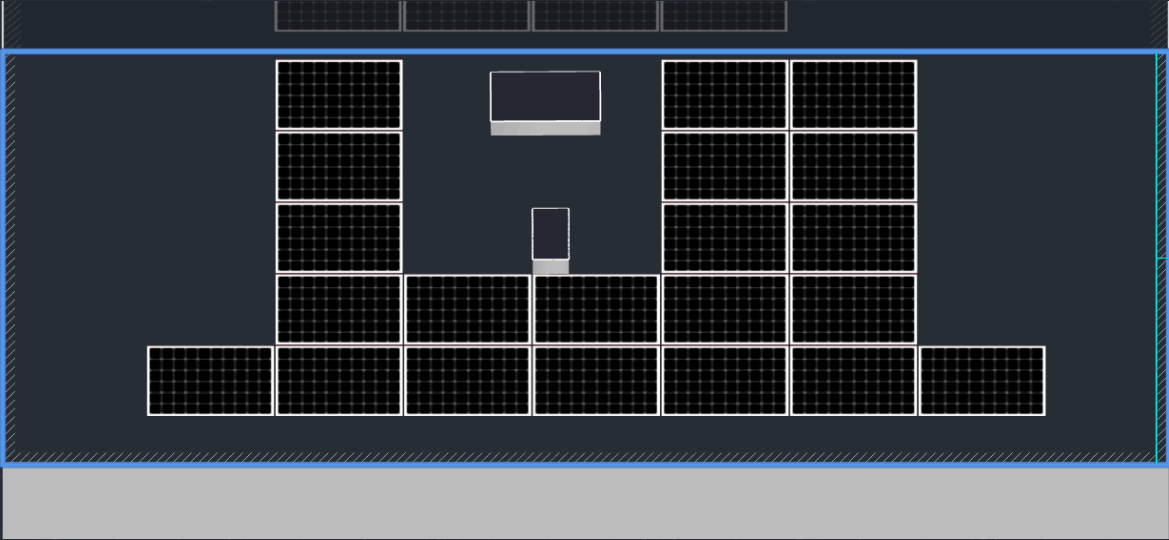
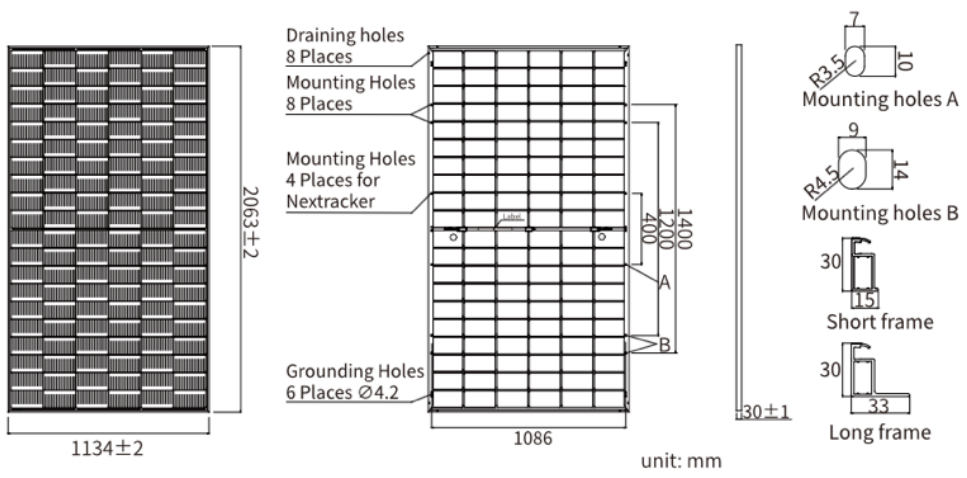


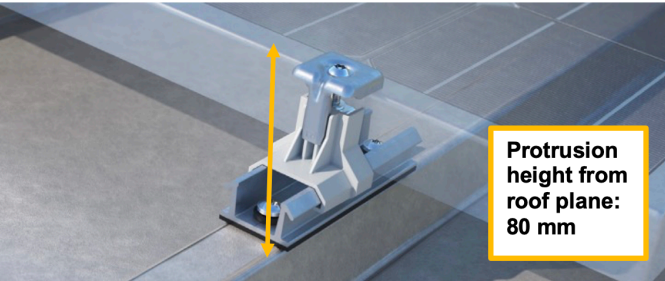
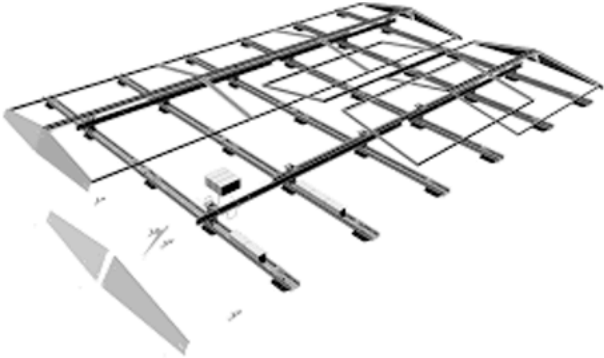
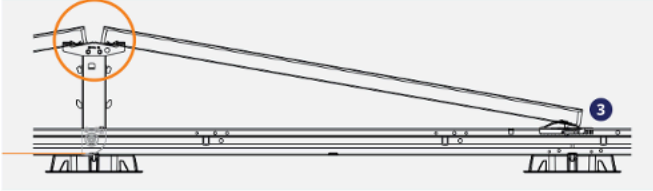
Site Address:	Rochdale Rd, Middleton, Manchester M24 6XH
Solar PV Installation Overview	85.07 kWp installation consisting of 159 x 540W PV Modules
Permitted Development Information	Solar PV modules must not protrude more than 0.2m beyond the plane of the roof slope when installed on a pitched roof Solar 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	Flat and Pitched Roof Design
Mounting System type	Esdec flatfix east/west and Clickfit evo (additional information below)
Site / Design Images and Information	

Project Overview		
Site Location		

Roof Elevation Identification Plan	 A 3D architectural rendering of a building's roof layout. The roof is dark blue with a grid pattern. Four yellow squares are placed on the roof to indicate specific areas: '1' is on a long horizontal section on the left; '2' is on a long horizontal section on the right; '3' is on a smaller section below the right section; and '4' is on a section above the '3' section. The building has a complex, multi-level structure with various roof sections.
Module installation plan (including 1m perimeter) Elevation 1 Additional images shown in appendix A	 A 2D top-down view of the roof layout. The roof is dark blue with a grid pattern. A blue line outlines the perimeter of the roof, including a 1m buffer zone. The layout shows a long horizontal section on the left, a long horizontal section on the right, and a smaller section below the right section. The blue line follows the outer edge of the roof structure.

Module installation plan (including 1m perimeter) Elevation 2 Additional images shown in appendix B	
Module installation plan (including 0.2m perimeter) Elevation 3 Additional images shown in appendix C	

Module installation plan (including 0.2m perimeter) Elevation 3 Additional images shown in appendix C	
Module Dimensions	Length - 2063 mm / Width - 1134 mm / Frame Depth - 30mm  Draining holes 8 Places Mounting Holes 8 Places Mounting Holes 4 Places for Nextracker Grounding Holes 6 Places Ø4.2 1134±2 2063±2 1086 1400 1200 400 A B unit: mm 7 10 R3.5 Mounting holes A 9 14 R4.5 Mounting holes B 30 15 Short frame 30 33 Long frame

Mounting Dimensions	Mounting bracket overall height = 40 mm  Finished protrusion height of solar panels above existing roof plane = 80mm (<u><0.2m</u>)   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
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System Declaration

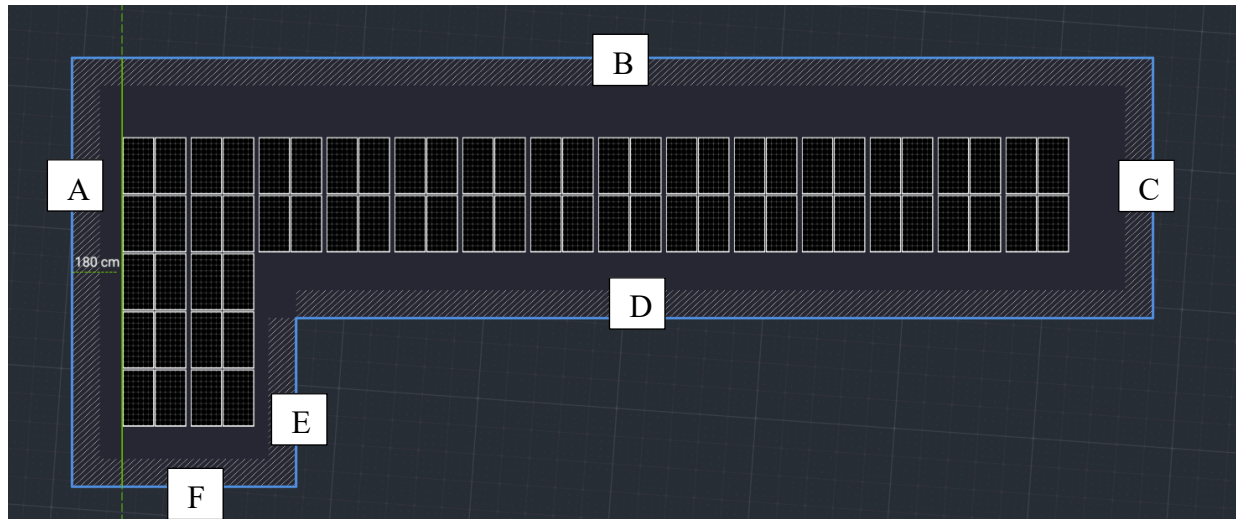
I confirm that the above information is true and accurate and that to the best of my knowledge the project specification outlined above satisfies the requirements of the Town and Country Planning (General Permitted Development) (England) Order 2015 (Update 21/12/2023) Class J – Installation or alteration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

Signed

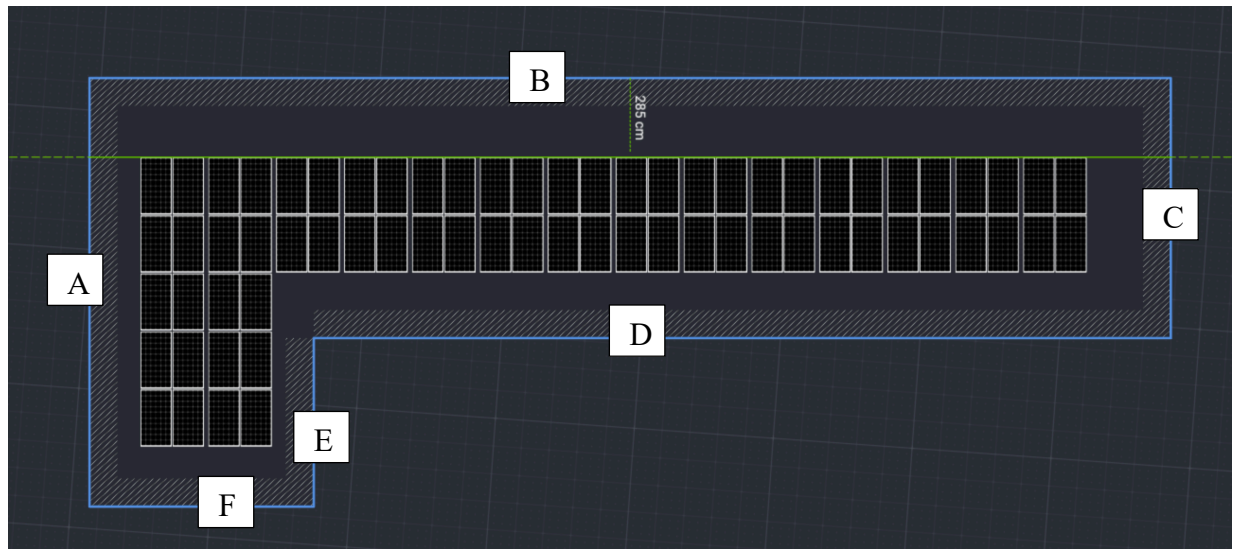
A handwritten signature in black ink, appearing to read 'BNuttall'.

Ben Nuttall
System Designer
NPS Energy Ltd
Completion of report

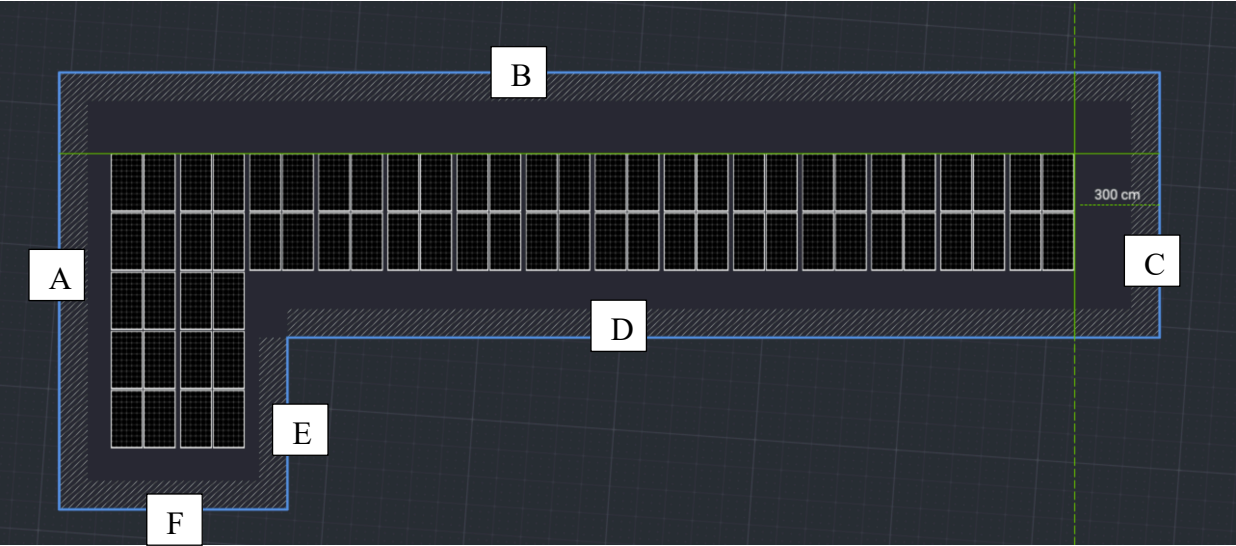
Appendix A



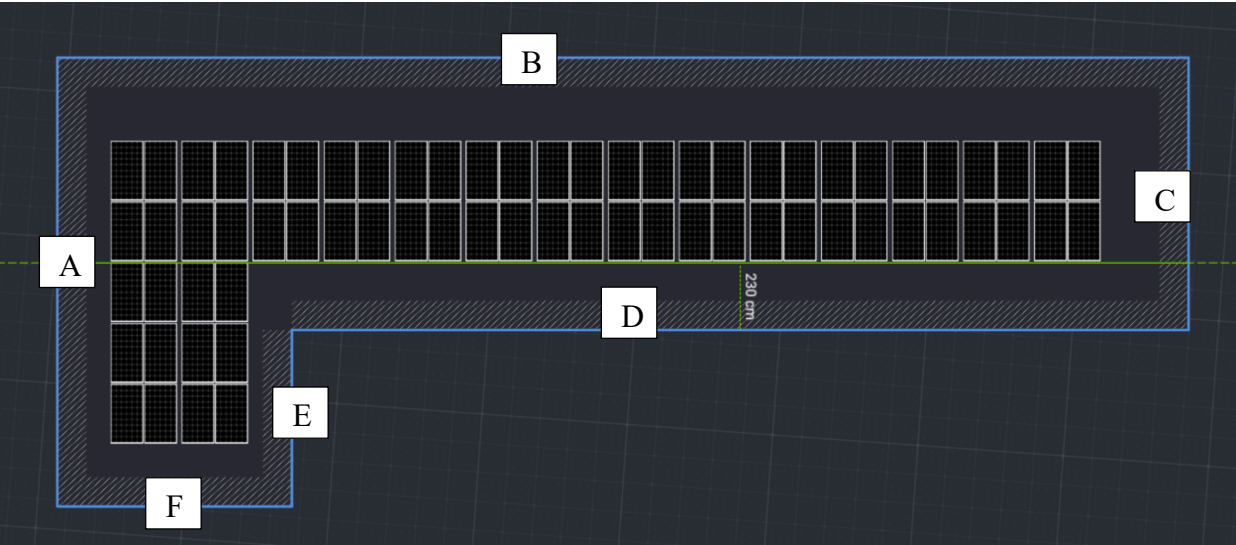
This image shows the panels are 180cm from external edge A.



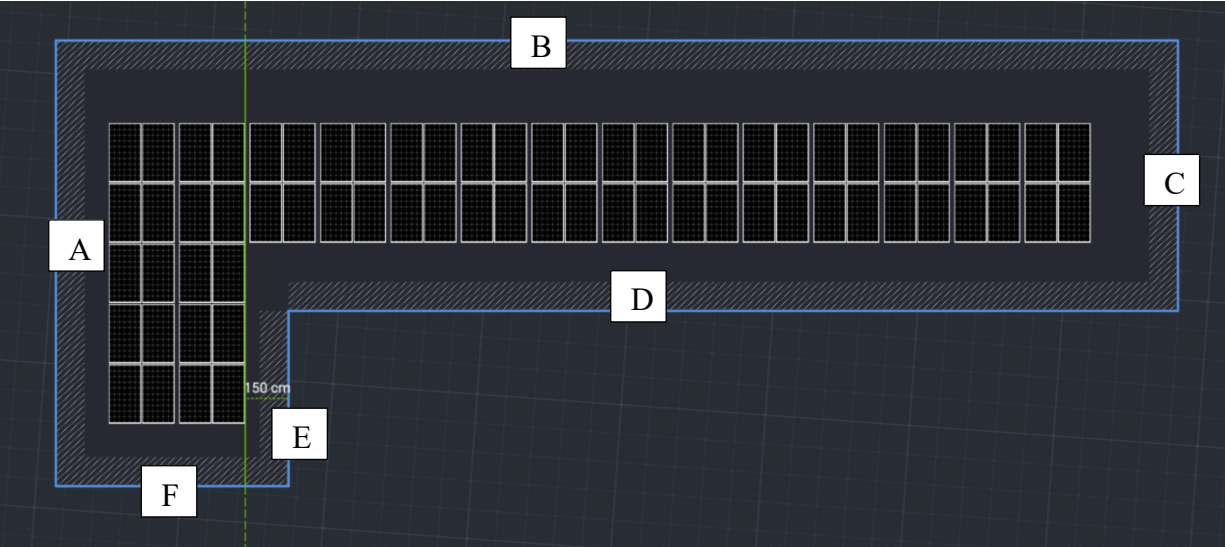
This image shows the panels are 285cm from external edge B.



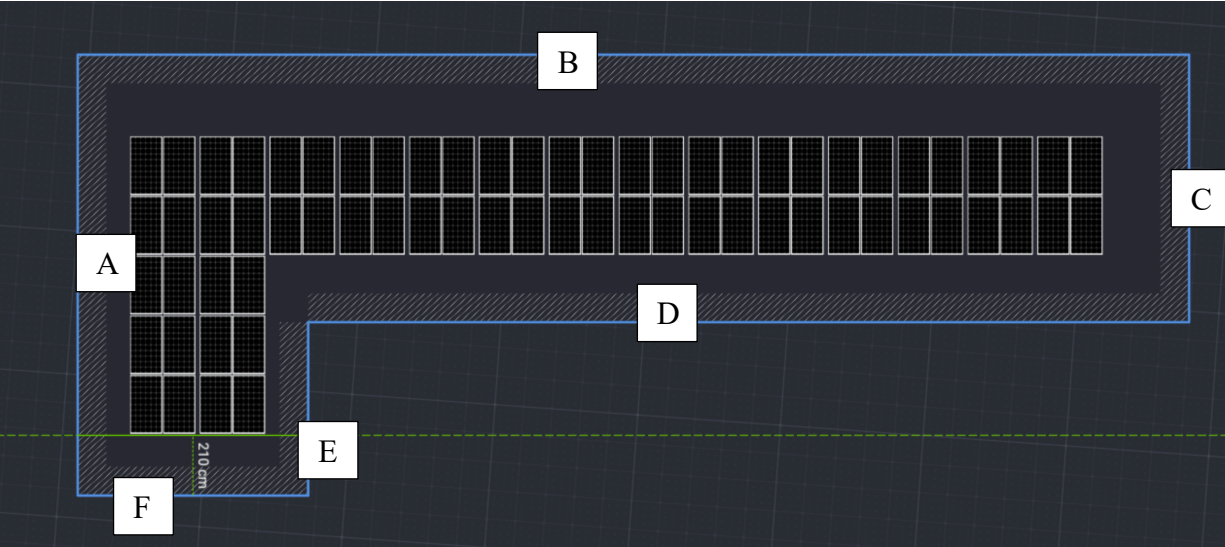
This image shows the panels are 300cm from external edge C.



This image shows the panels are 230cm from external edge D.

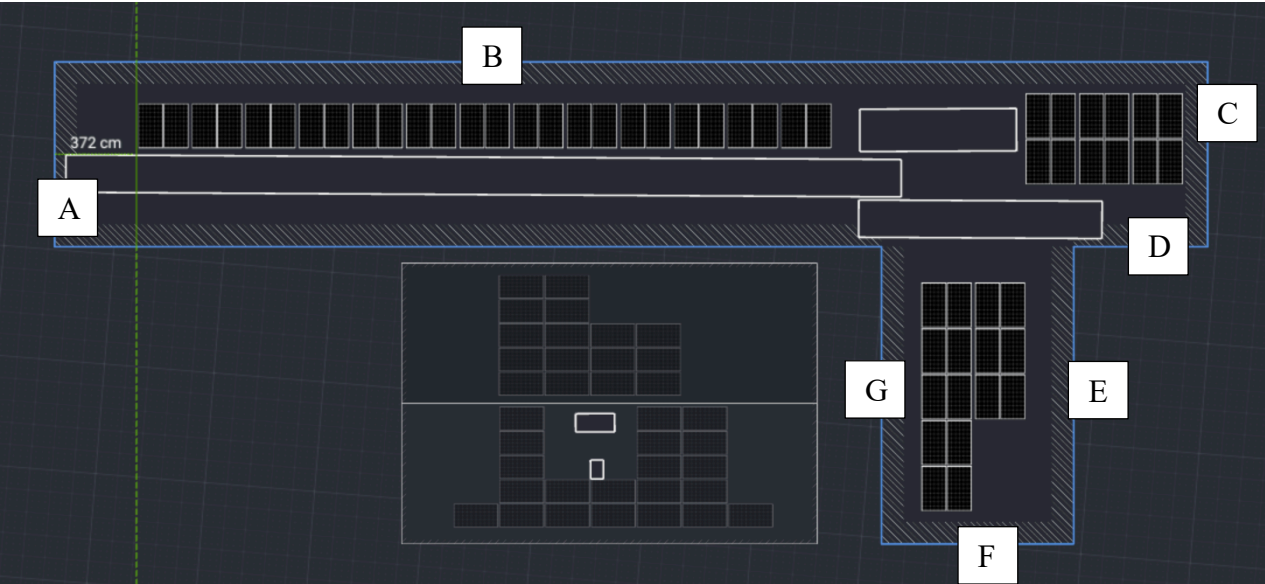


This image shows the panels are 150cm from external edge E.

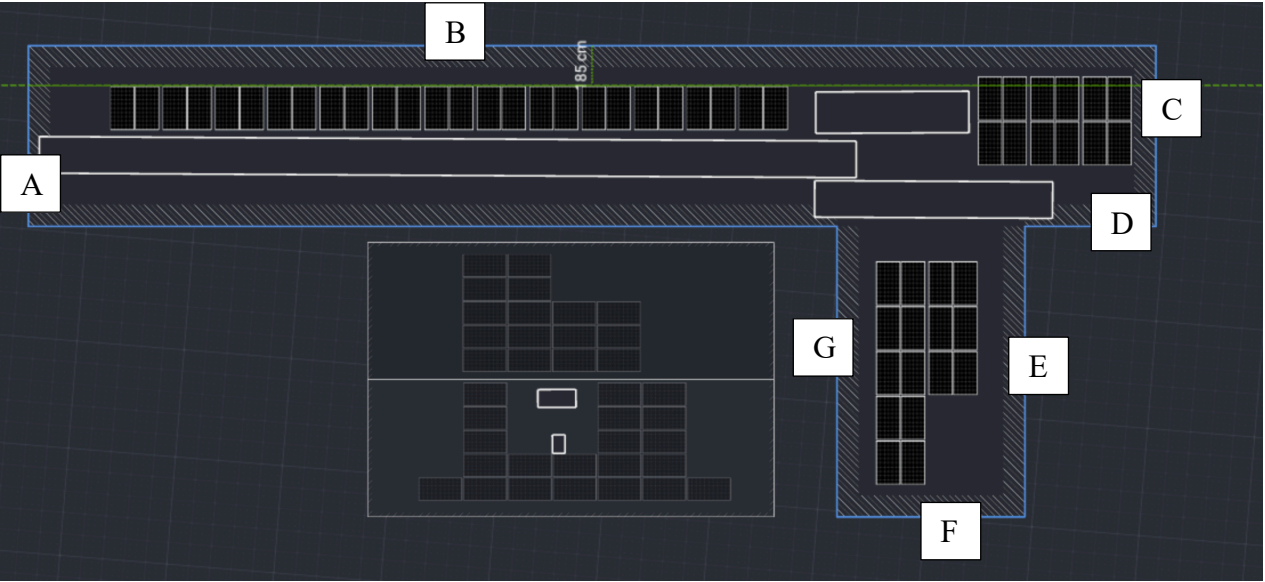


This image shows the panels are 210cm from external edge F.

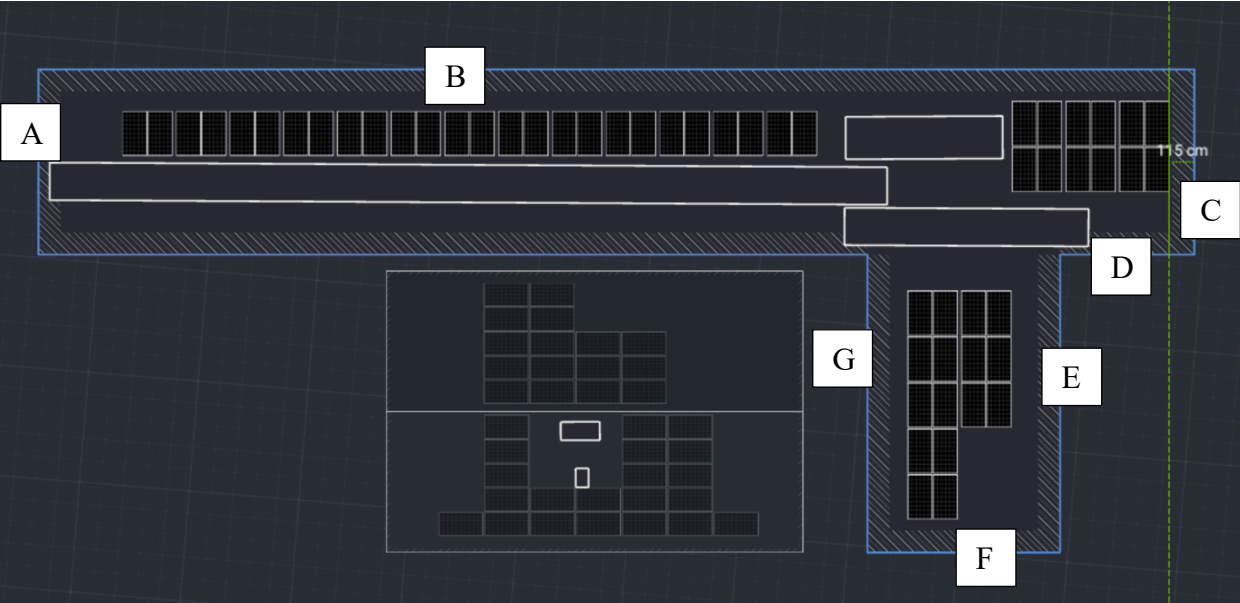
Appendix B



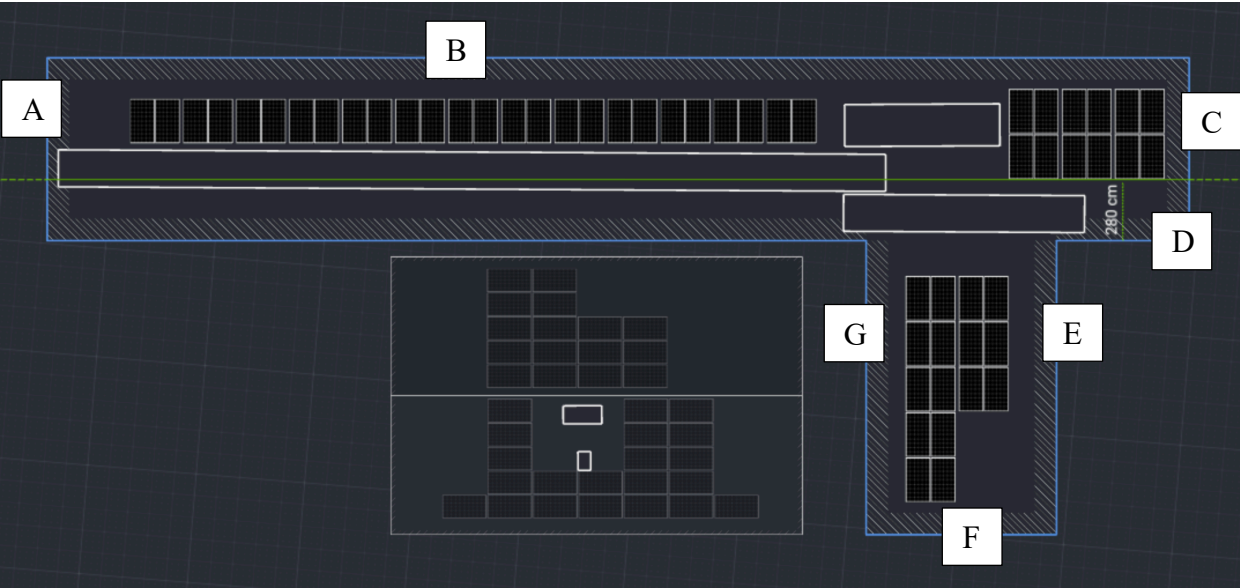
This image shows the panels are 372cm from external edge A.



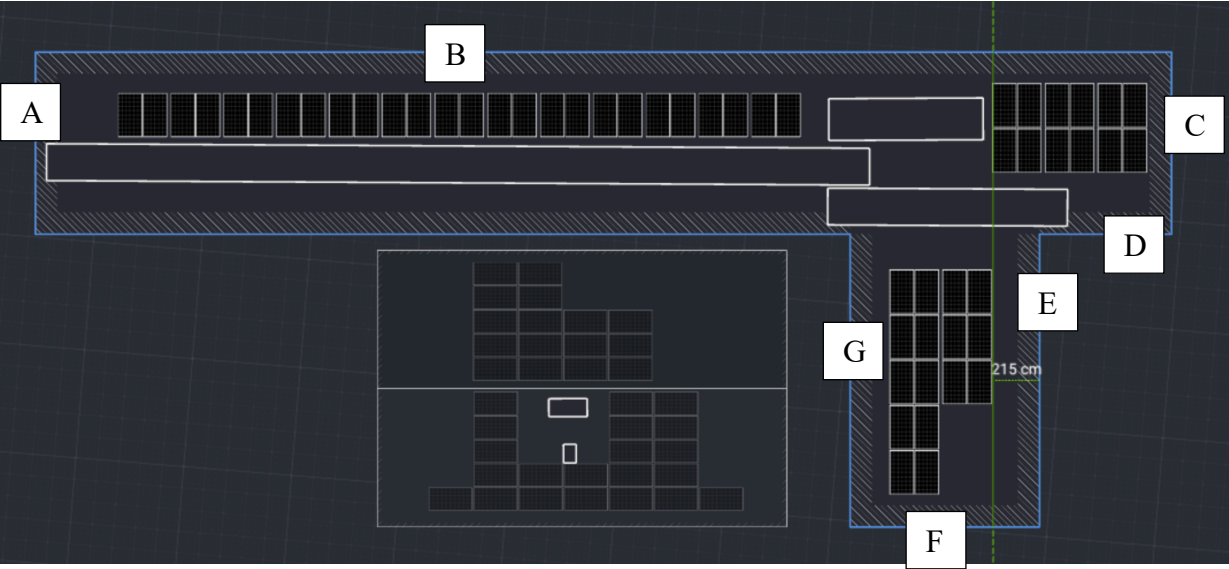
This image shows the panels are 185cm from external edge B.



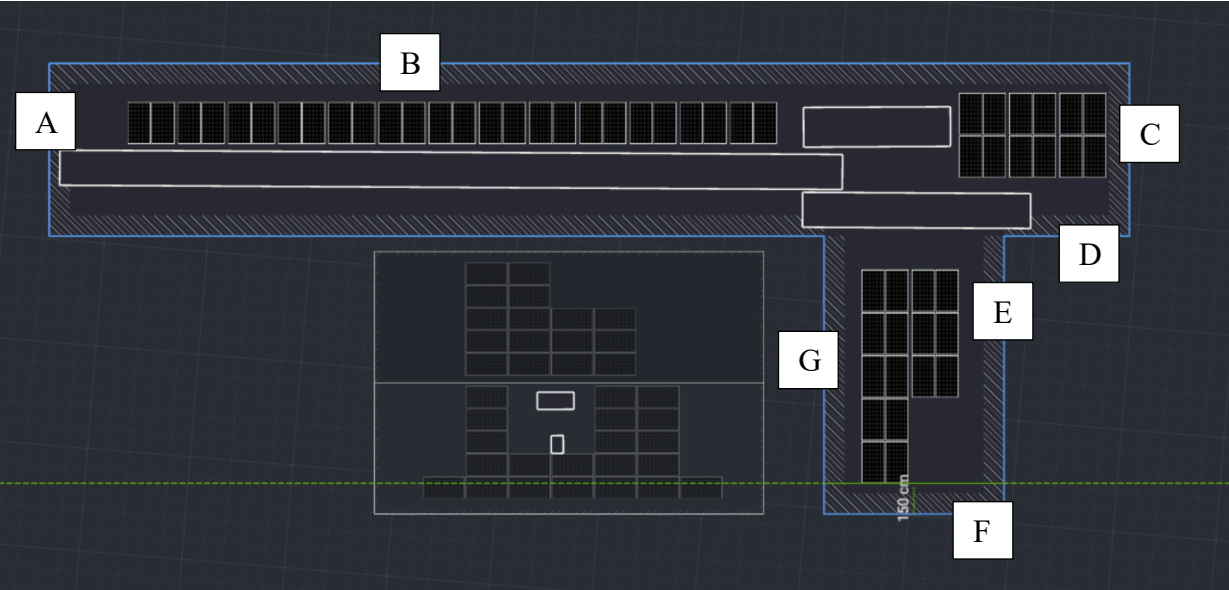
This image shows the panels are 115cm from external edge C.



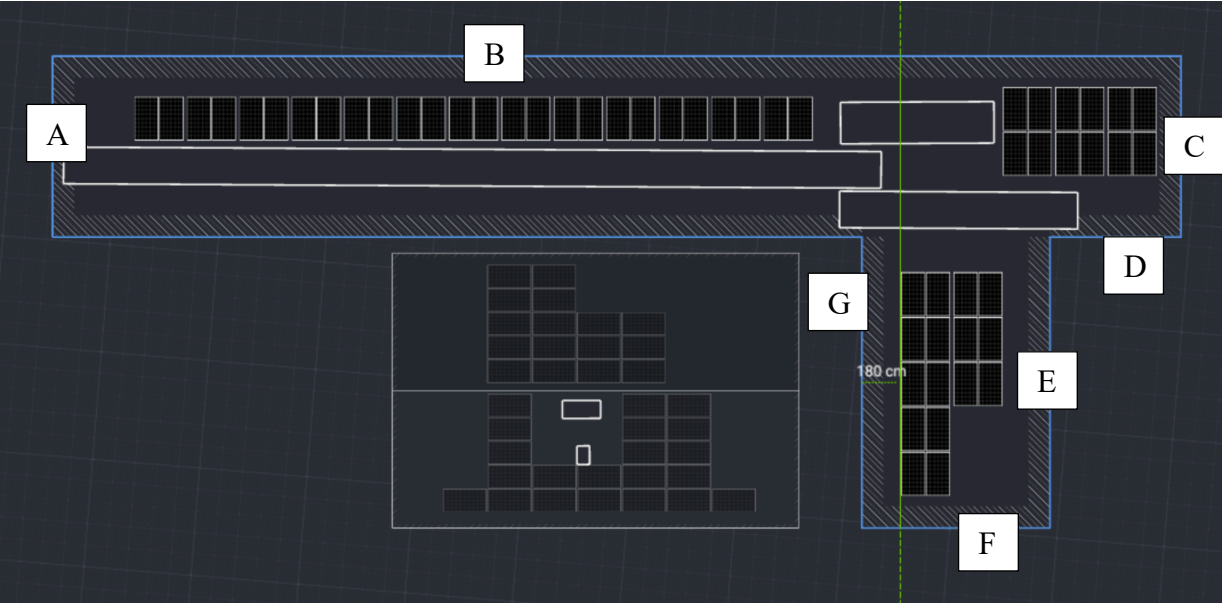
This image shows the panels are 280cm from external edge D.



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

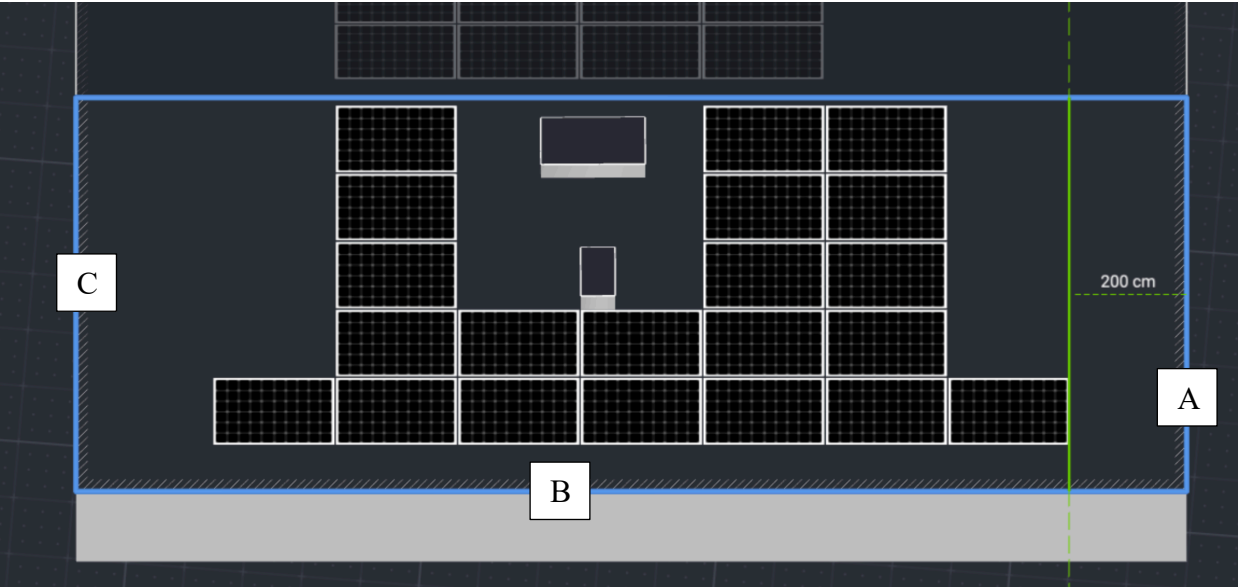


This image shows the panels are 150cm from external edge F.

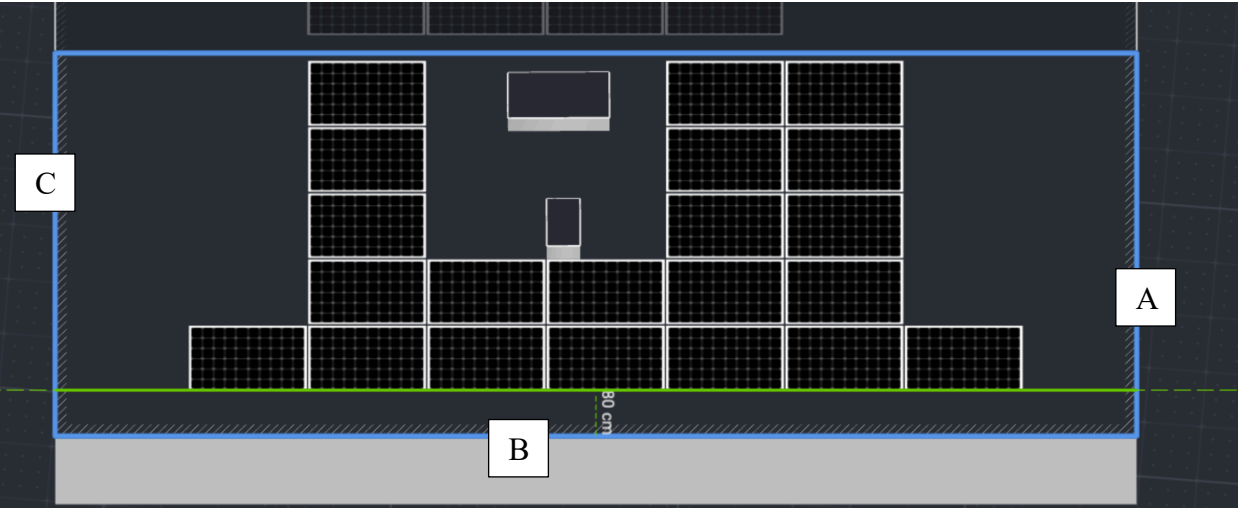


This image shows the panels are 180cm from external edge G.

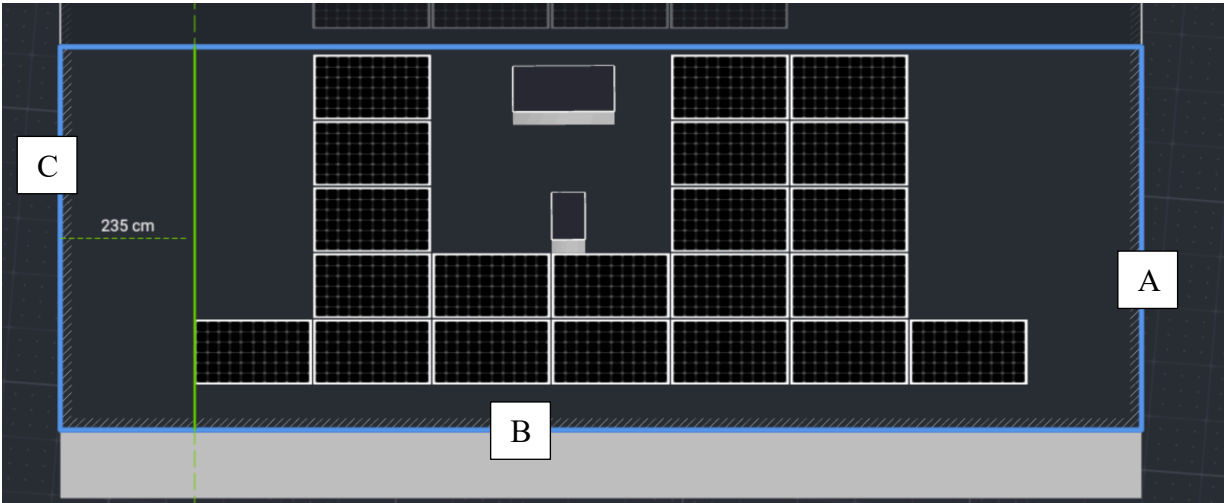
Appendix C



This image shows the panels are 200cm from external edge A.

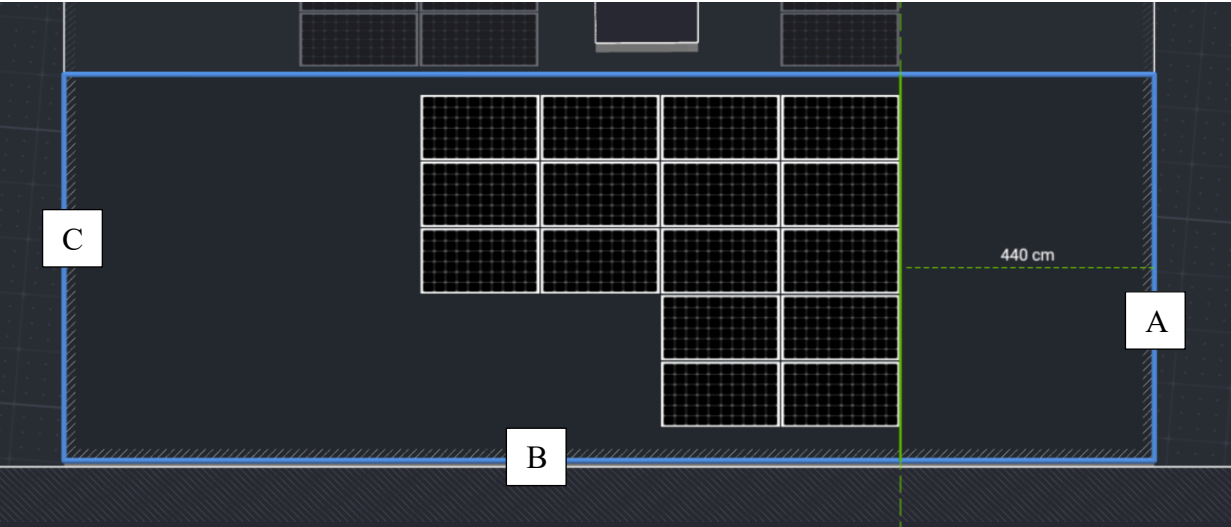


This image shows the panels are 80cm from external edge B.

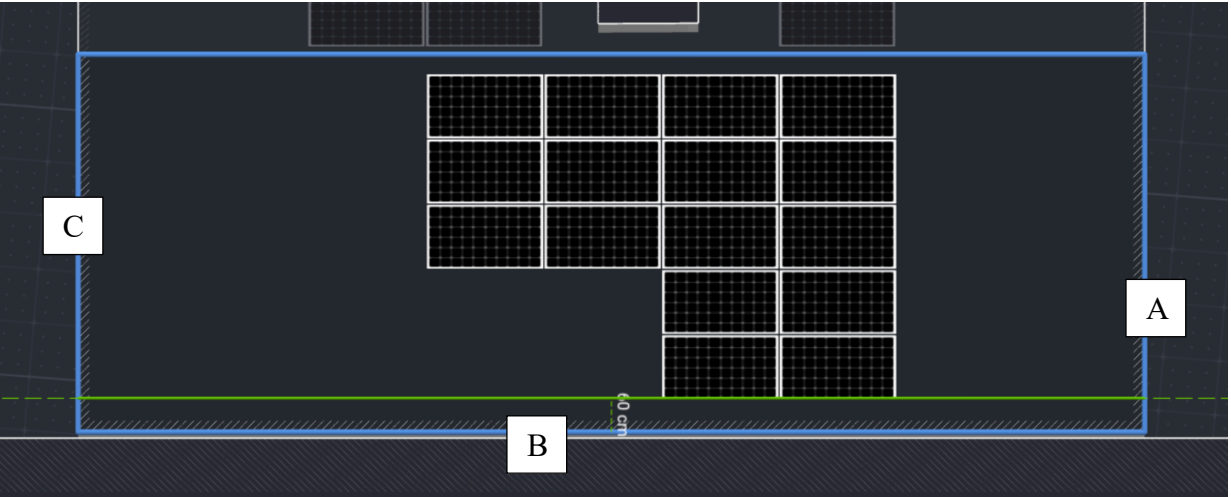


This image shows the panels are 235cm from external edge C.

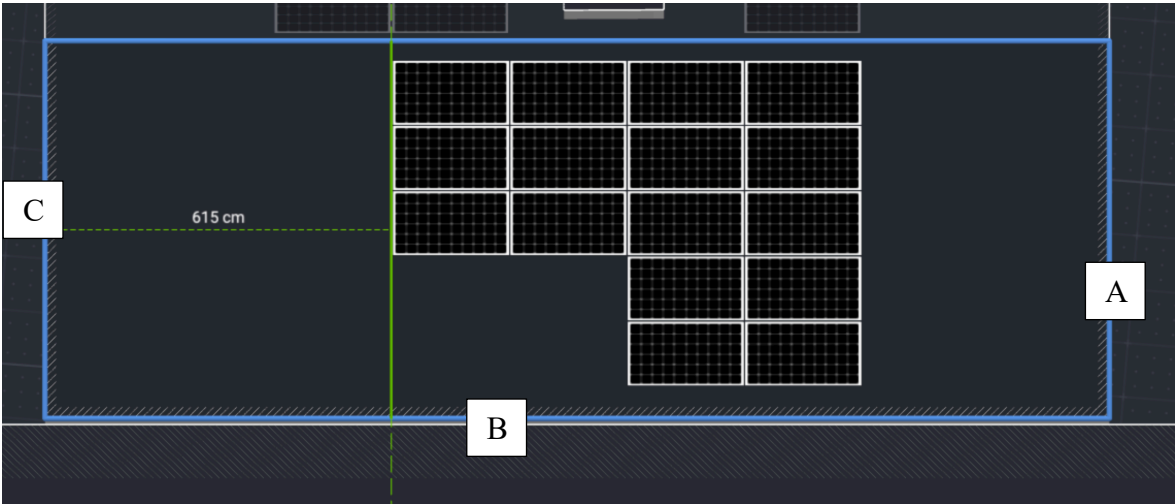
Appendix D



This image shows the panels are 440cm from external edge A.



This image shows the panels are 60cm from external edge B.



This image shows the panels are 615cm from external edge C.