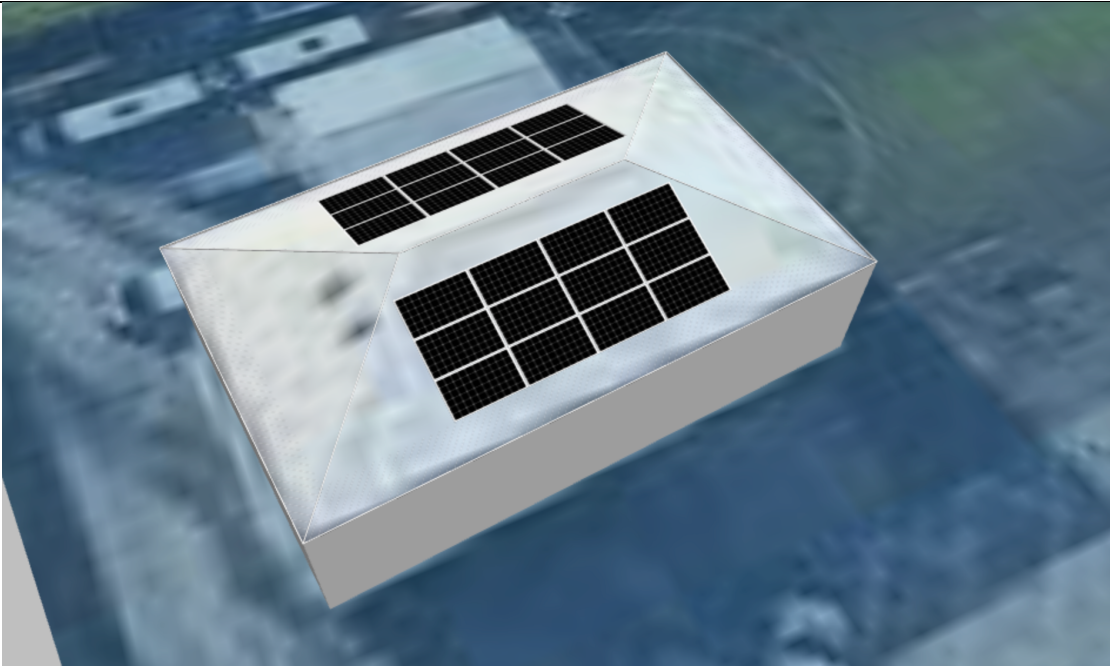
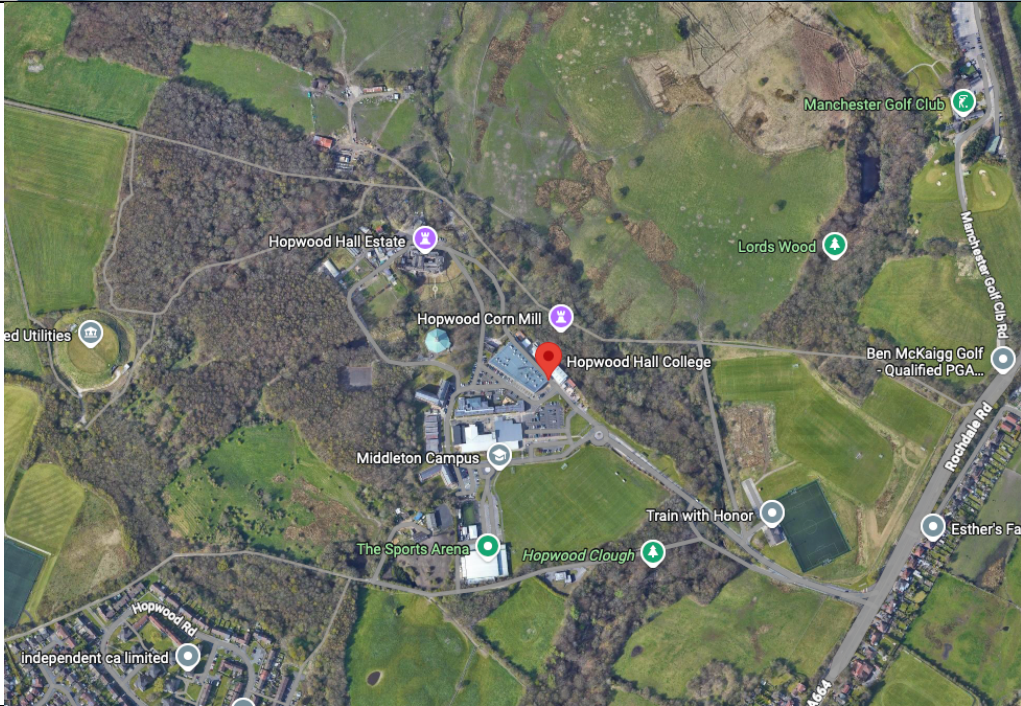
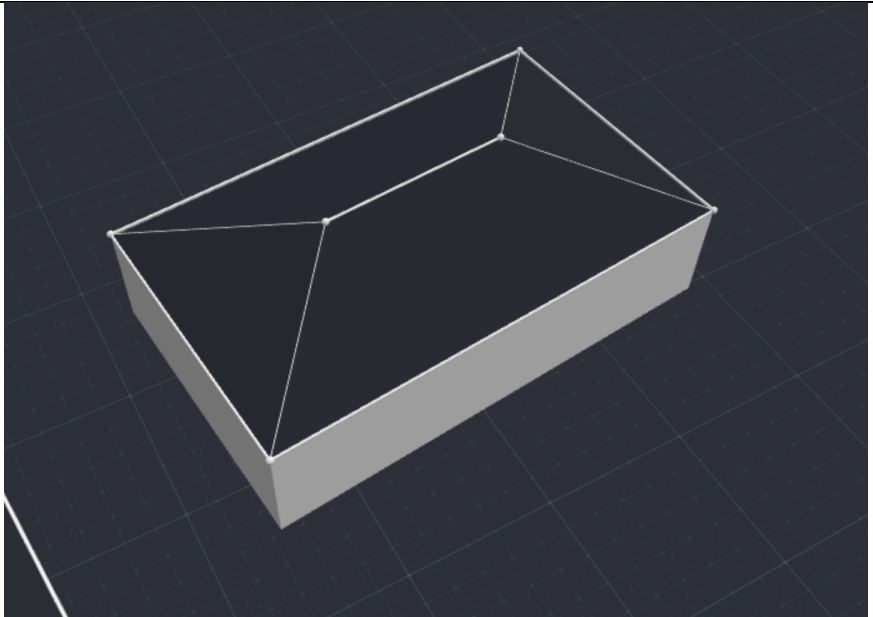
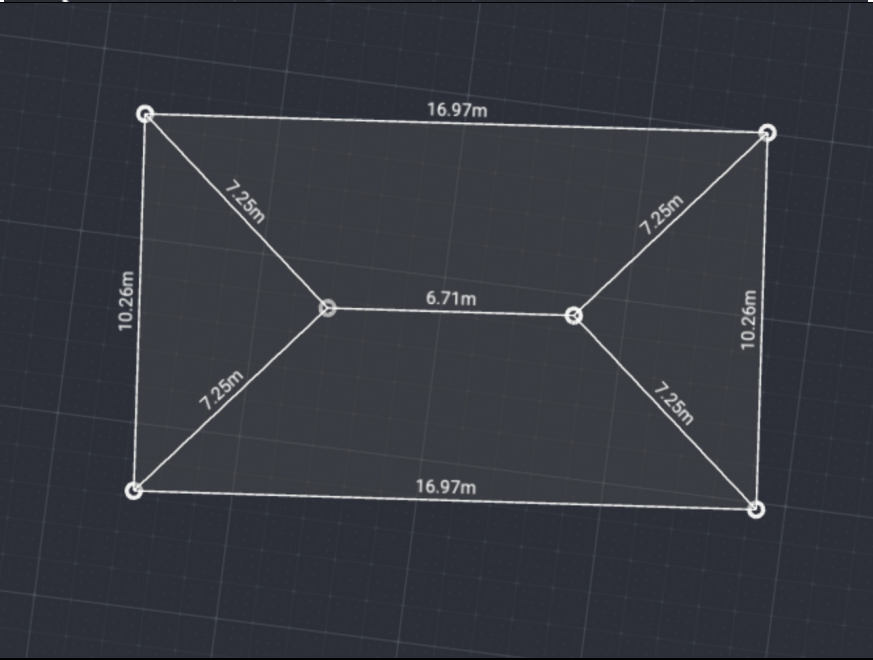
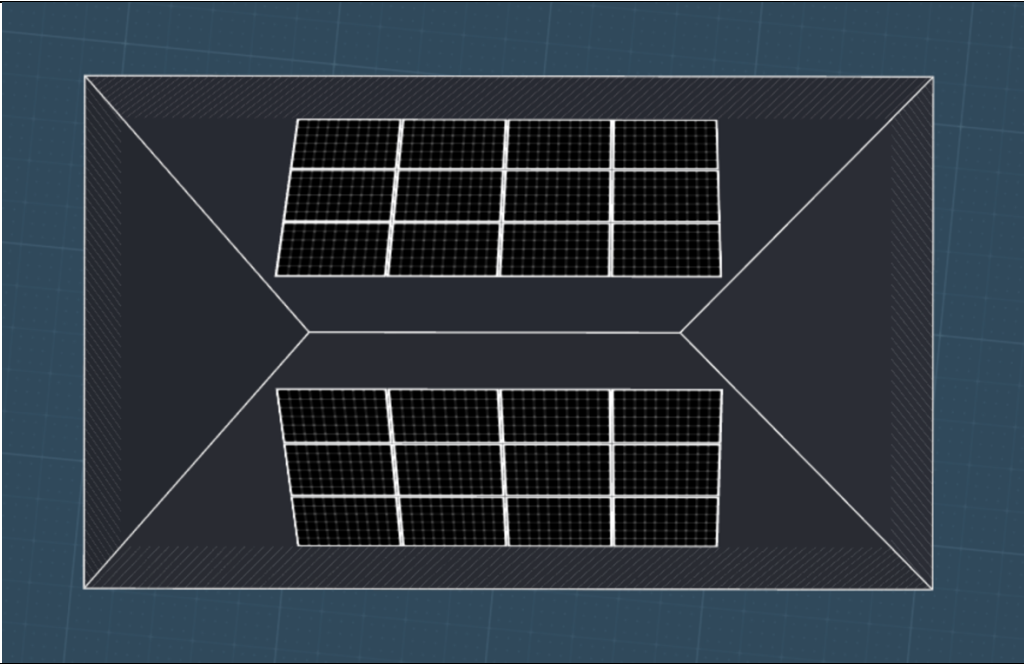
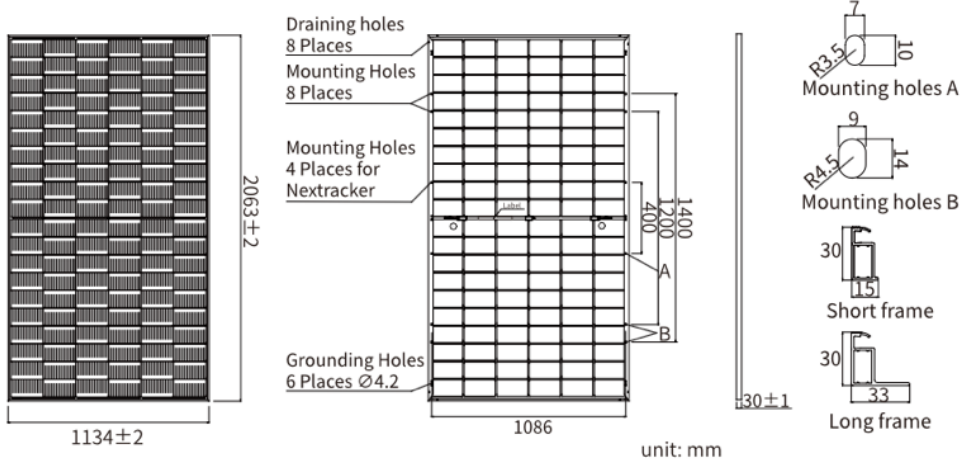
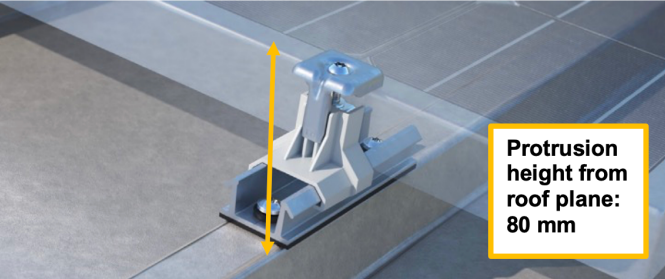


Site Address:	Rochdale Rd, Middleton, Manchester M24 6XH
Solar PV Installation Overview	12.48 kWp installation consisting of 24 x 540W PV Modules
Permitted Development Information	Solar PV modules must not protrude more than 0.2m beyond the plane of the roof slope when installed on a pitched roof Solar 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 Roof Design
Mounting System type	Clickfit evo (additional information below)
Site / Design Images and Information	

Project Overview	 A 3D architectural rendering of a solar photovoltaic (PV) array installed on a white, gabled roof. The array consists of two rectangular panels, each divided into a 3x4 grid of solar cells. The rendering is shown from an elevated perspective, highlighting the layout and orientation of the panels on the roof structure.
Site Location	 An aerial satellite map showing the project's location within a rural or semi-rural area. The map includes various landmarks and roads. Key locations labeled include Hopwood Hall Estate, Hopwood Corn Mill, Hopwood Hall College (marked with a red pin), Middleton Campus, The Sports Arena, Hopwood Clough, Lords Wood, Manchester Golf Club, Ben McKaig Golf - Qualified PGA..., Train with Honor, Esther's Fa, and Independent ca limited. Roads shown include Hopwood Rd, Rockdale Rd, and Manchester Golf Club Rd. The terrain is a mix of green fields, trees, and some buildings.

Site Modelling		 A 3D perspective rendering of a roof structure. The roof is a rectangular prism with a flat top surface. The edges are highlighted in white against a dark blue background with a grid pattern. The perspective is from an elevated angle, showing the top and two side faces.	
Roof Plan (Including dimensions)		 A 2D plan view of the roof structure. It shows a rectangle with a central horizontal line. The dimensions are labeled: the top and bottom edges are 16.97m, the left and right edges are 10.26m, the central horizontal line is 6.71m, and the four diagonal lines connecting the corners to the center are each 7.25m. The background is dark blue with a grid pattern.	

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

Mounting Dimensions	Mounting bracket overall height = 40 mm 	Finished protrusion height of solar panels above existing roof plane = 80mm (<0.2m) 
---------------------	---	---

System Declaration

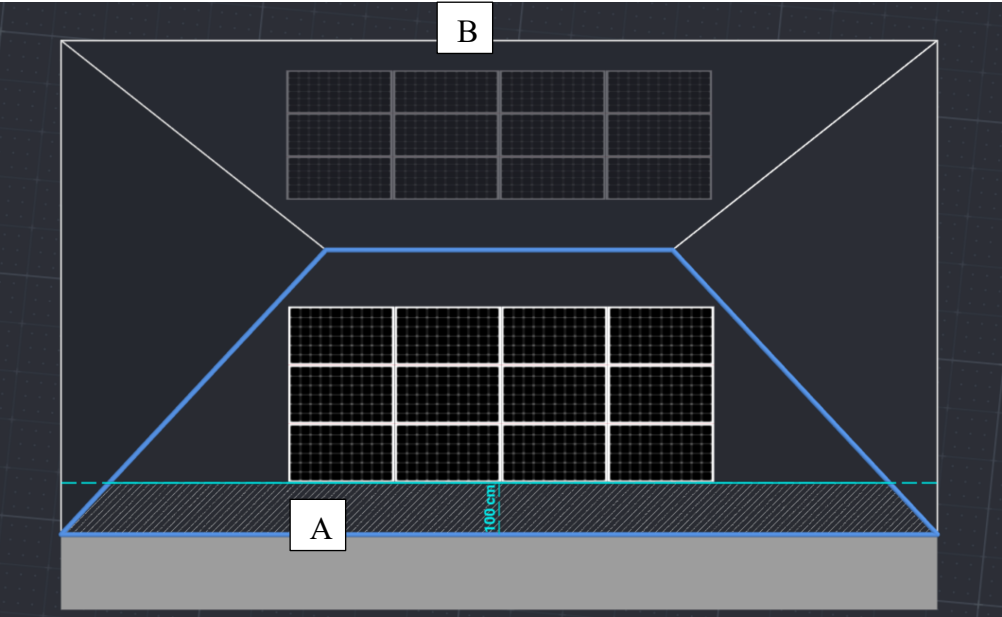
I confirm that the above information is true and accurate and that to the best of my knowledge the project specification outlined above satisfies the requirements of the Town and Country Planning (General Permitted Development) (England) Order 2015 (Update 21/12/2023) Class J – Installation or alteration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

Signed

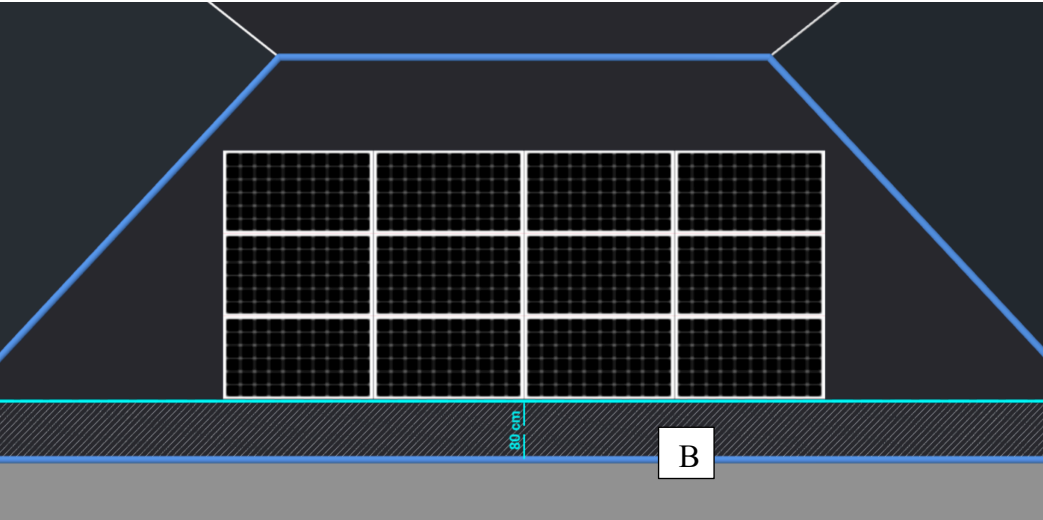


Ben Nuttall
System Designer
NPS Energy Ltd
Completion of report

Appendix A



This image shows the panels are 245cm from external edge A.



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