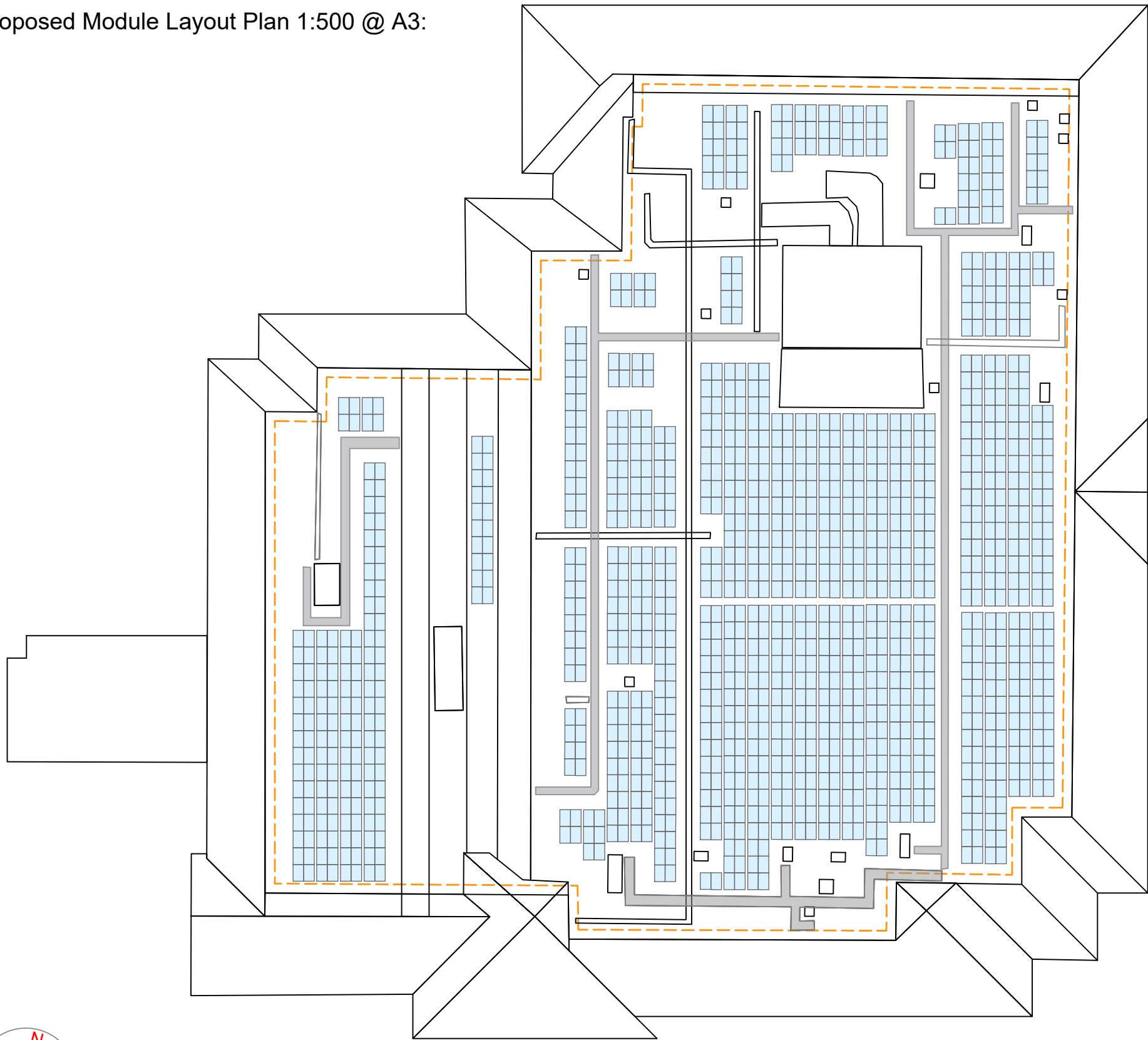


Proposed Module Layout Plan 1:500 @ A3:



Minimum 1.0m metre external edge clearance distance

Solar PV Module

PROPOSED ROOF MATERIALS:

1264 No. monocrystalline solar PV panels, with a total installed capacity of around 562.48kWp.

Solar PV panels will be clamped onto a flat roof East/West facing mounting system frame in the layout specified in this drawing. Please allow for a few minor alterations as the project reaches construction stage but the permitted development regulations (stated above) will always be adhered to.

DC string cables will be run under panels and clipped to the mounting system, then run to internally mounted inverters connected to building electrical system.

Solar PV equipment will not be installed within 1m of the external edge of the roof.

Solar PV equipment will not be installed on a wall, or within 1 metre of a junction of that wall.

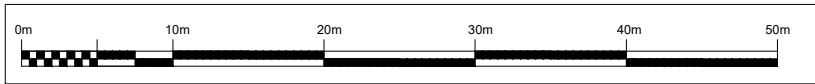
Solar PV equipment would not protrude more than 1.0m beyond the highest part of the roof, when measured perpendicularly.

The solar PV equipment will be, so far as practicable, be sited so as to minimise its effect on the external appearance of the building and the amenity of the area.

The solar panels would be visible from certain heights, however, would not be visible from the public realm or street level due to the area is shielded from view by; existing sloping roofs surrounding the flat roof (at a higher level).

Solar panels are designed to absorb light as much as possible for efficiency reasons. Solar panels have at least one layer of anti-reflective coating to reduce light reflection. The chosen solar panels are dark in colour to absorb light and have anti-reflection technology - which minimises any potential glare. Given basic light reflectivity assumptions, the angle of reflected light is most likely to be directed sufficiently skyward.

The solar PV equipment will be removed as soon as reasonably practicable when no longer needed.



Notes:

- All details are indicative only
- All equipment designed, and to be installed in accordance with BS 7671:2018.
- Drawings should always be read in conjunction with the manufacturers Installation Manual and not in place of it.

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Module Qty:	1264 pcs
Module rating:	445Wp
Module type:	JA Solar JAM54D40
Inverter Qty:	4 pcs
Inverter type:	Solis 110K-5G-PRO
	Solis 100K-5G-PRO

DC capacity (PV):	562.48 kW
AC capacity (PV):	430.00 kW
Export capacity:	430.00 kW

CLIENT:	Sainsburys Supermarkets Ltd
LOCATION:	Sainsbury's, Broadwater Way, Eastbourne, BN22 9PW
PROJECT:	Sainsburys Hampden Park
DRAWING TITLE:	IE-BN502-Sainsburys Hampden Park-Proposed Layout Plan
CONTRACTOR:	Ineco Energy Limited
TELEPHONE/EMAIL:	02920021777/info@inecoenergy.com
WEBSITE:	www.inecoenergy.com

DATE:	07/08/24
SCALE:	1:500 @ A3
DWG NO:	IE-BN502-0.03
REVISION NO:	P1
PLANNING	