

SOLAR PV MODULE

MINIMUM 1.0m METRE EXTERNAL EDGE
CLEARANCE DISTANCE

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.

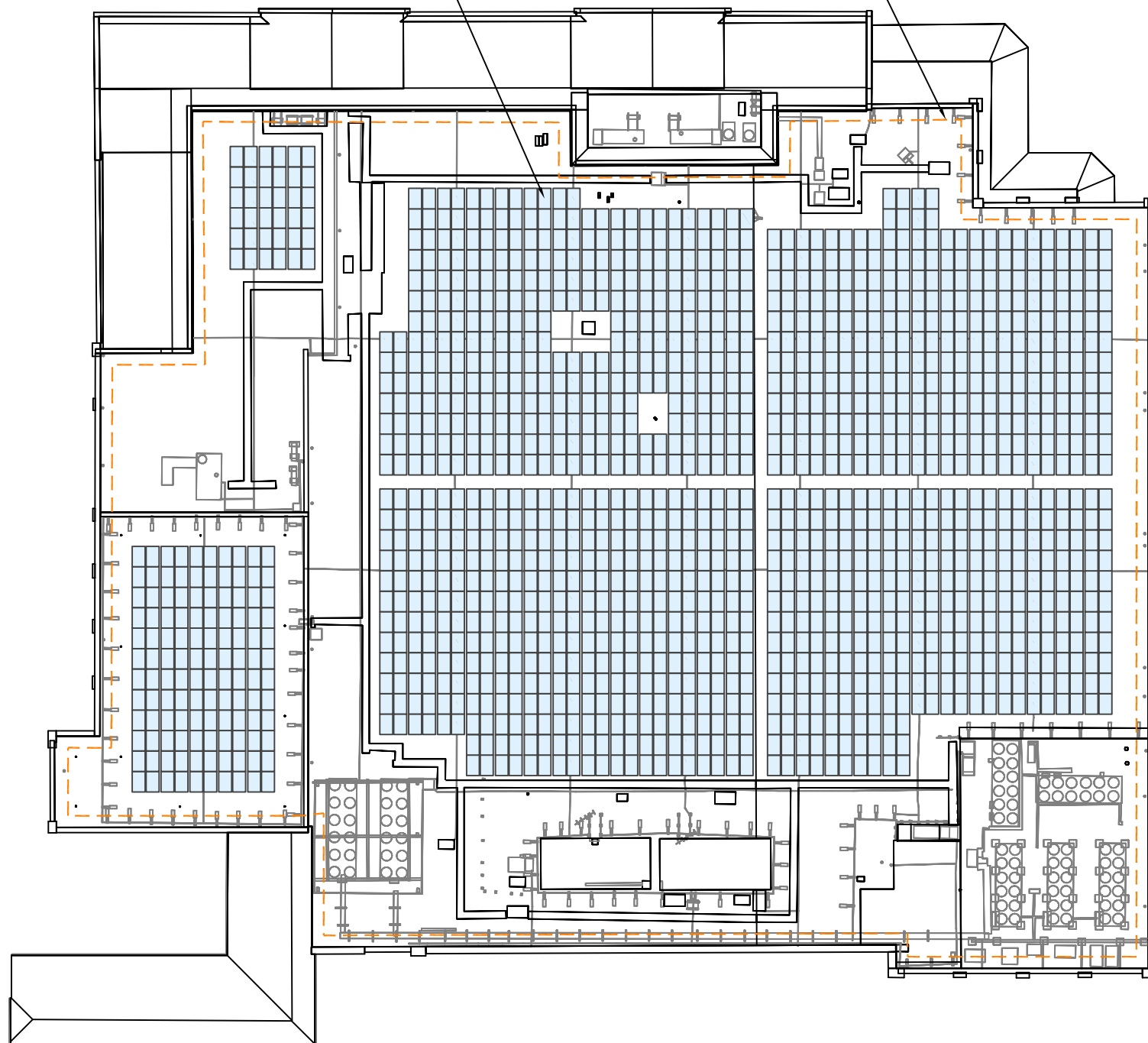
Solar PV equipment would not protrude more than 1.0m beyond the highest part of the roof, when measured perpendicularly.

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 prominently visible from the public realm or street level due to the area is shielded from view by; existing roof parapet wall & height of building. There is a degree of separation between the host building and the neighbouring properties.

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 design and external appearance of the installation would not have an adverse impact through glare on occupiers of neighbouring land.

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



PROPOSED ROOF MATERIALS:

1,424 No. monocrystalline solar PV panels, JA Solar JAM54D40 460Wp (or similar), with a total installed capacity of 655.0kWp.

Solar PV panels will be clamped onto a flat roof East/West facing mounting system frame.

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.

Minimum 1.0m metre
external edge clearance distance

Solar PV Module,
JA Solar JAM54D40 460Wp
(or similar)

SCALE - 1:500 @ A3



Notes:
1. All details are indicative only.
2. All equipment designed, and to be installed in accordance with BS 7671:2018.
3. Installation drawings must always be read in conjunction with the relevant manufacturer's installation manuals.

Ineco Energy Ltd is a limited company registered in England and Wales.
Company Registration No: 1047724
Registered Office: Office 21, Rural Innovation Centre, Stoneleigh Park, CV8 2LG

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Always cross check dimensions on site. Always check you are viewing the latest version.

CLIENT:	Sainsbury's Supermarkets Ltd	DC CAPACITY (TIC):	655.0 kWp	DRAWN:	JN
PROJECT:	Sainsbury's Horsham	AC CAPACITY (DNC):		DATE:	26/02/26
ADDRESS:	Sainsbury's, 7 Worthing Road, Horsham RH12 1SQ	EXPORT LIMIT (ELS):		DRAWING NO:	IE-RH503-04
CONTRACTOR:	Ineco Energy Ltd www.inecoenergy.com 02920 021777 info@inecoenergy.com	MODULE:	1,424 x JA Solar JAM54D40 445Wp	DRAWING TITLE:	Proposed Roof Plan
		OPTIMISER:		REVISION:	D1
		INVERTER:			PLANNING