

TOTAL ROOF AREA 440 m²
 115 NO. PV PANELS 1000 x 1765 mm
 TOTAL PV AREA 202.97m²
 42.55 kWp GENERATION

800mm ACCESS ROUTE
 REQUIRED
 AROUND THE PERIMETER OF
 THE PV ARRAY AND IN
 BETWEEN EACH INSTALLED
 ROW FOR ACCESS AND
 MAINTENANCE

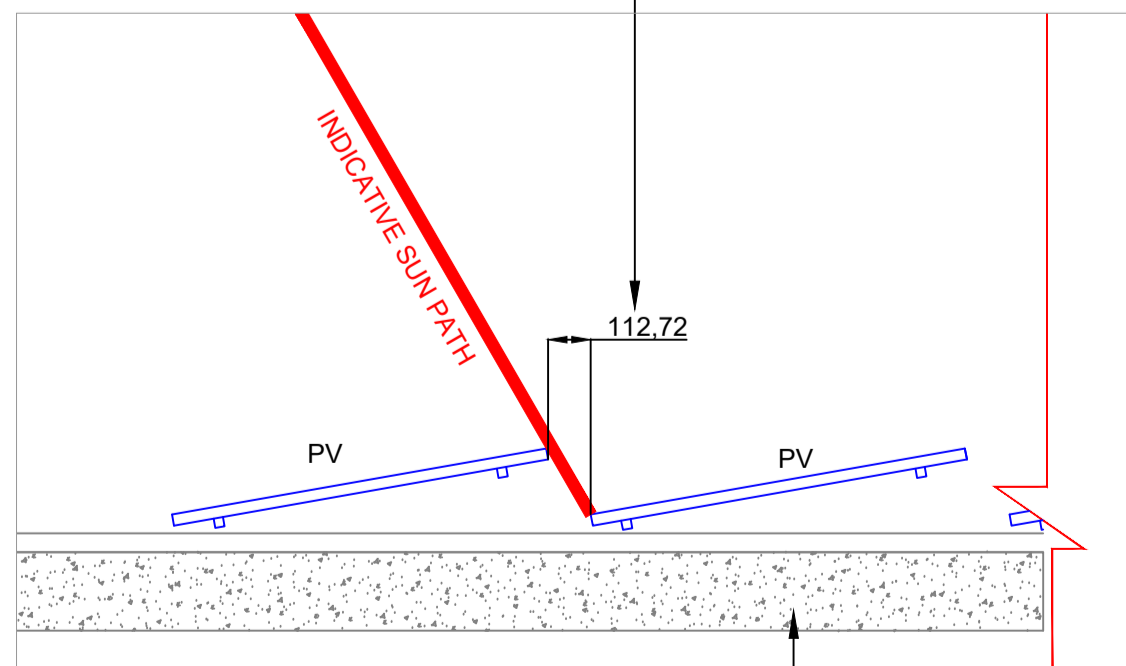
APPROXIMATE LOCATION OF
 AOV'S. EXACT LOCATION TO
 BE CONFIRMED

* FOR CONTINUATION PLEASE REFER TO DRAWING NO. P20621-E-PV-001 *

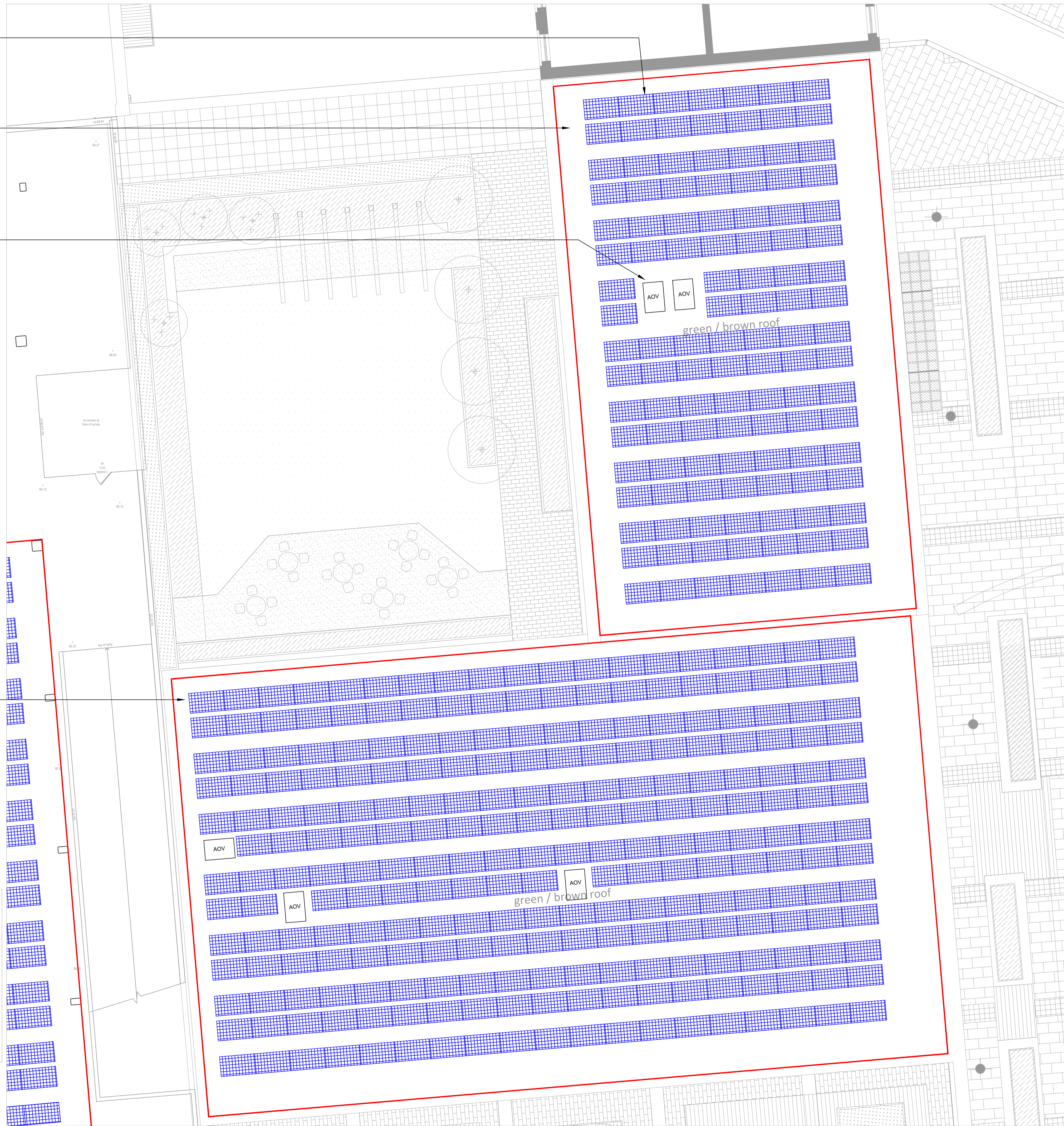
Ref	Instaled Capacity (kWp)	Annual Output (kWh/annum)	Carbon Offset (kg/CO2)	Carbon Offset (Tones)
Office Roof PV Array	132.83	108,256	25,224	25.22

TOTAL ROOF AREA 821 m²
 244 NO. PV PANELS 1000 x 1765 mm
 TOTAL PV AREA 430.66 m²
 (90.28 kWp GENERATION)

REQUIRED SEPARATION
 BETWEEN EACH PANEL
 MOUNTED AT A 30° PITCH



PV ARRAY TO BE MOUNTED ON
 OFFICE FLAT ROOF



Notes

This drawing and the building works depicted are the copyright of Envision Energy and may not be reproduced or amended except by written permission. No liability will be accepted for amendments made by other persons.

The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work starts. The Contractor is to comply in all respects with current Building Legislation, British Standard Specifications, Building Regulations, Construction (Design & Management) Regulations, Party Wall Act, etc. whether or not specifically stated on this drawing. This drawing must be read with and checked against all relevant Engineers and Architects drawings and all other specialist documentation provided.

Sketch proposals are for illustrative purposes only & as such are subject to detailed site investigation including ground conditions / contaminants, drainage, design & planning / density negotiations. Sketch proposals may be based upon enlargements of OS sheets & visual estimations of existing site features, accuracy will therefore need to be verified by survey. Sketch proposals have not been considered in respect of CDM Regulations.

Do not scale. Work to given dimensions only.

This drawing is a single service drawing showing the concept design that has been co-ordinated with the structure and other building services installations. This drawing is not a co-ordinated working/installation drawing and should not be used as such. Any contractor using this drawing as a working/installation drawing does so at his own risk.

Retail unit's are to have independent water supplies direct from mains distribution.

Status	<input type="checkbox"/> Preliminary	<input checked="" type="checkbox"/> For Comment	<input type="checkbox"/> For Approval
	<input type="checkbox"/> For Information	<input type="checkbox"/> For Tender	<input type="checkbox"/> For Contract
	<input type="checkbox"/> For Record Purposes		

Revision	Ref	Details	Rev.by	Chk'd	Date
A		Issued For Comment	HS	IP	23-02-21

Client

LOCHAILORT
 BUILDING COMMUNITIES

Project

Eagle Quarter
 Newbury

envision Unit 2 Lodge Farm
 Castlethorpe
 Milton Keynes
 MK9 7ES
 T: 01908 062819

Title	Proposed PV Roof Plan			
Drawn/CAD	Engineer	Scale	Date	
HS	IP	1:100@A1	Feb 21	

Dwg No	P20621-E-PV-002	Revision	A
--------	-----------------	----------	---