

PV DECK REQUIRED (1405 m²)
 469 NO. PV PANELS 1000 x 1765 mm
 863 m² TOTAL PV AREA
 173.53 kWp GENERATION
 STRUCTURAL ENGINEER TO COMMENT AND
 CONFIRM LOCATION AND SIZE OF PV DECK.

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

REQUIRED SEPARATION
 BETWEEN EACH PANEL
 MOUNTED AT A 30° PITCH

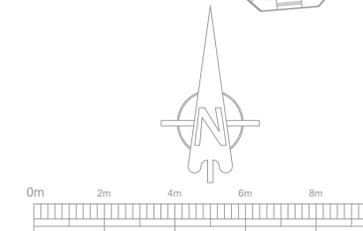
COLUMNS TO BE EXTENDED
 FROM LEVEL BELOW TO
 PROVIDE SUPPORT FOR PV
 DECK. ENGINEER TO CONFIRM
 EXACT LOCATION

POTENTIAL REQUIREMENT FOR
 ADDITIONAL COLUMN IN THIS
 LOCATION

STRUCTURAL COLUMNS TO BE
 EXTENDED FROM BELOW.
 ENGINEER TO CONFIRM THEIR
 LOCATION

PV ARRAY AT ROOF LEVEL

Ref	Instaled Capacity (kWp)	Annual Output (kWh/annum)	Carbon Offset (kg/CO2)	Carbon Offset (Tones)
PV Array	173.53	141,427	32,952	32.95



FOR CONTINUATION PLEASE REFER TO DRAWING NO. P20621-E-PV-002

Notes

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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 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

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

Drg No	P20621-E-PV-001	Revision	A
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