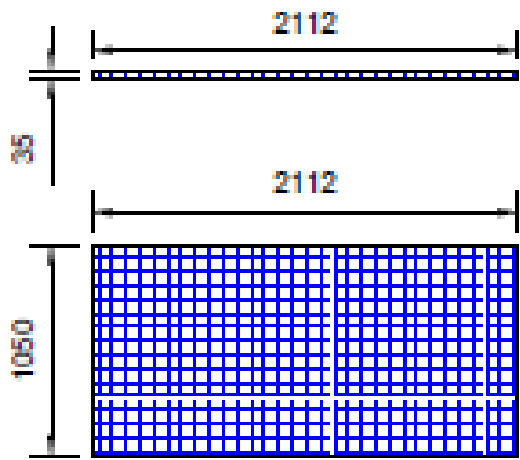
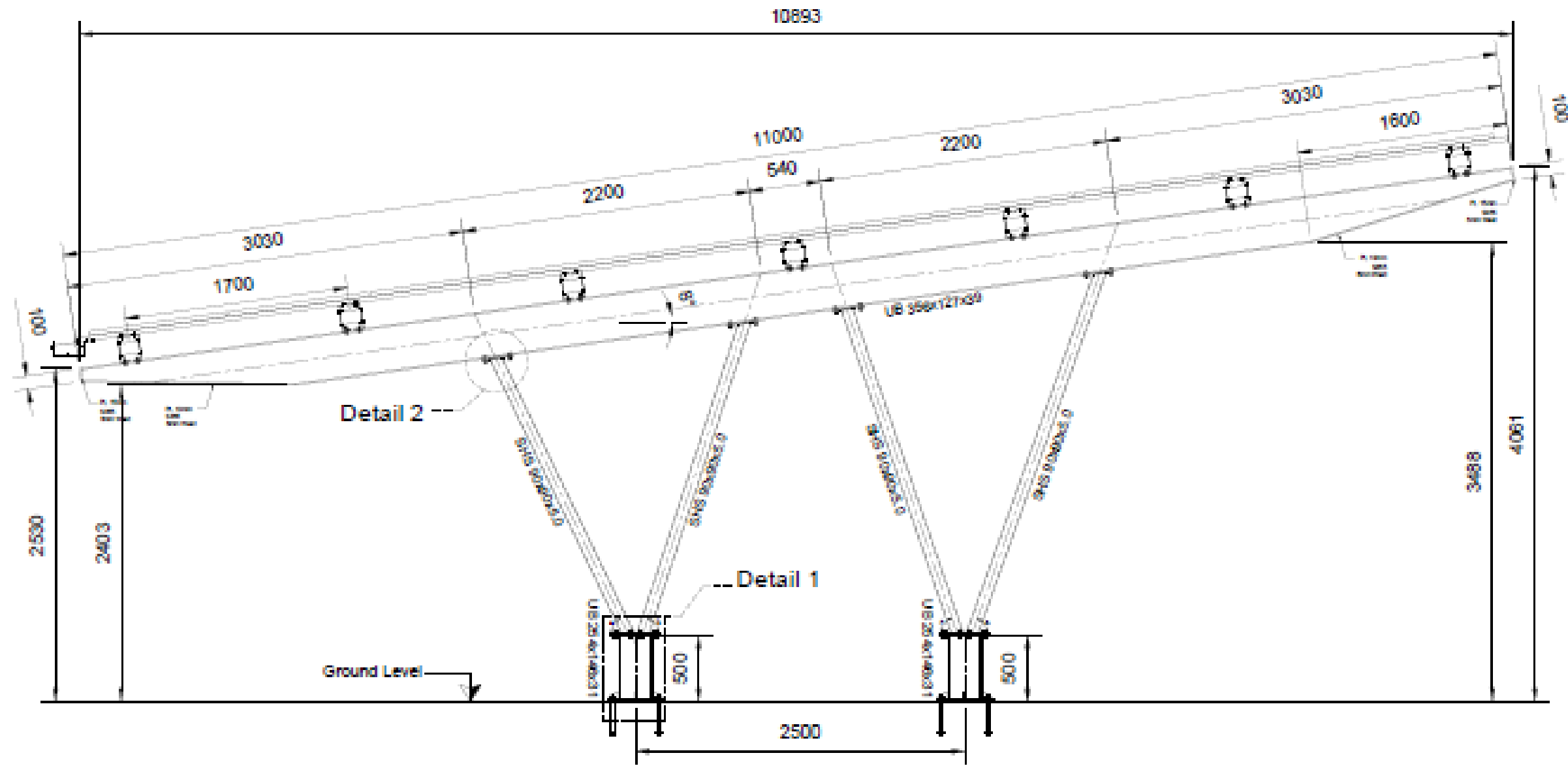
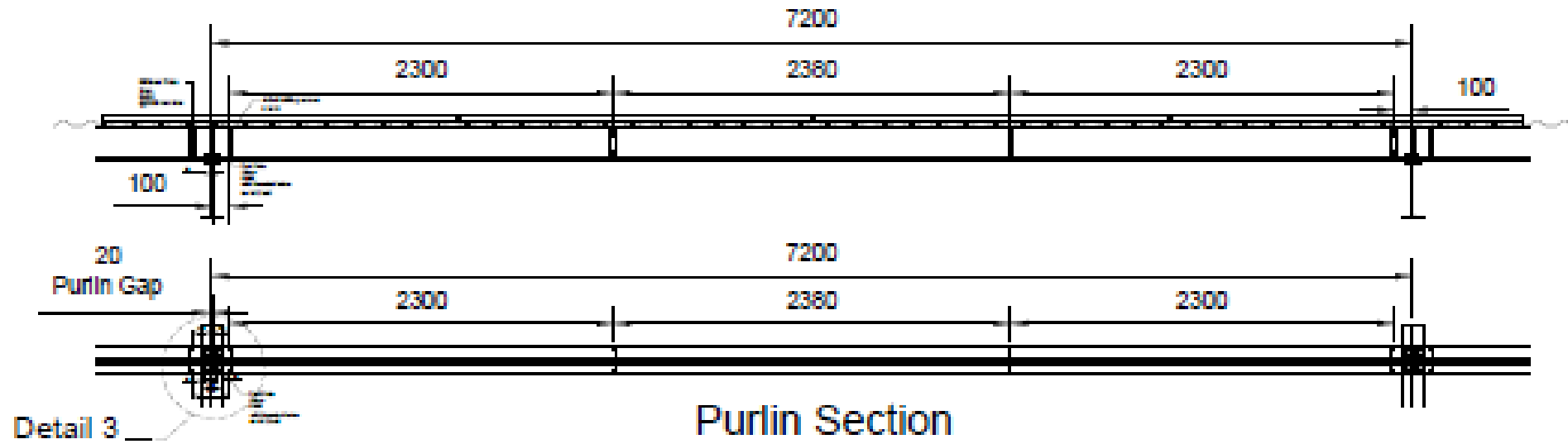




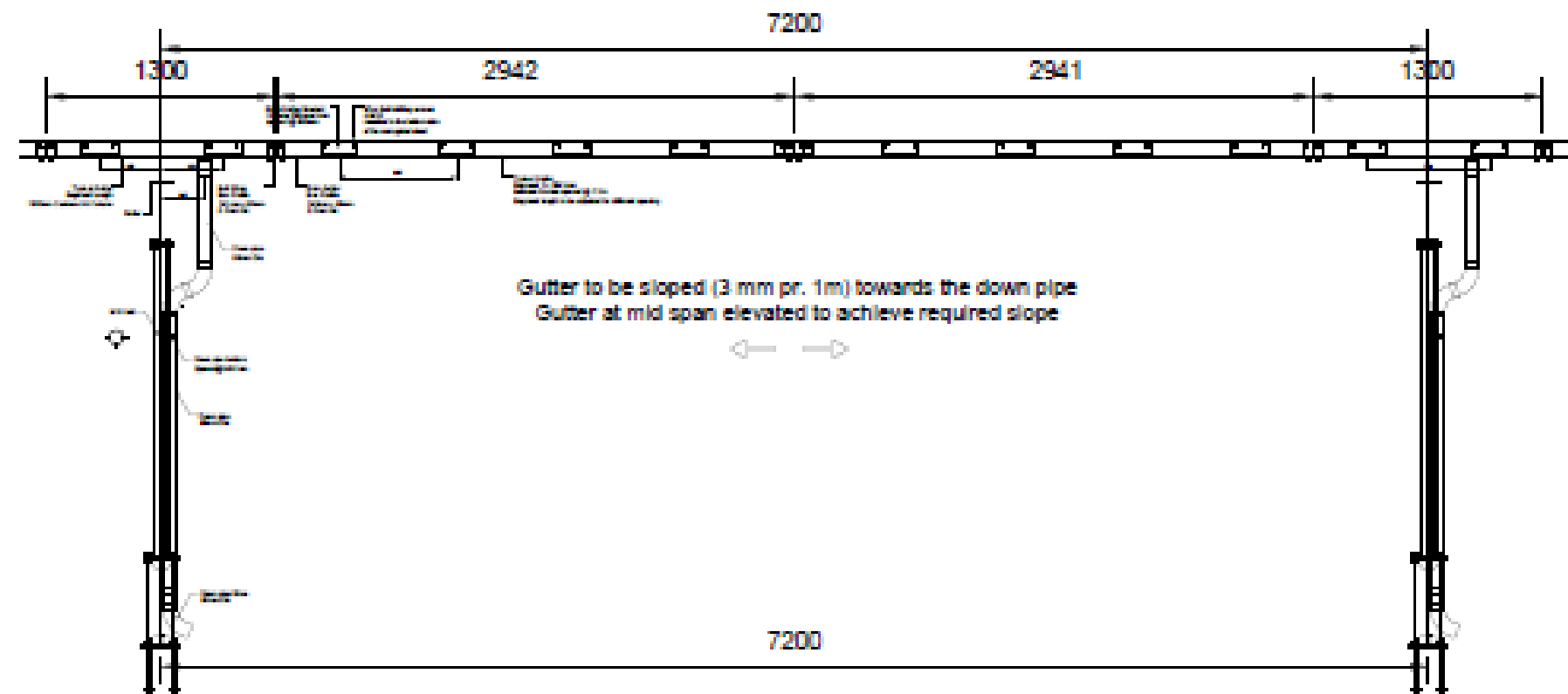
Typical PV Panel



Frame Type-1



Purlin Section

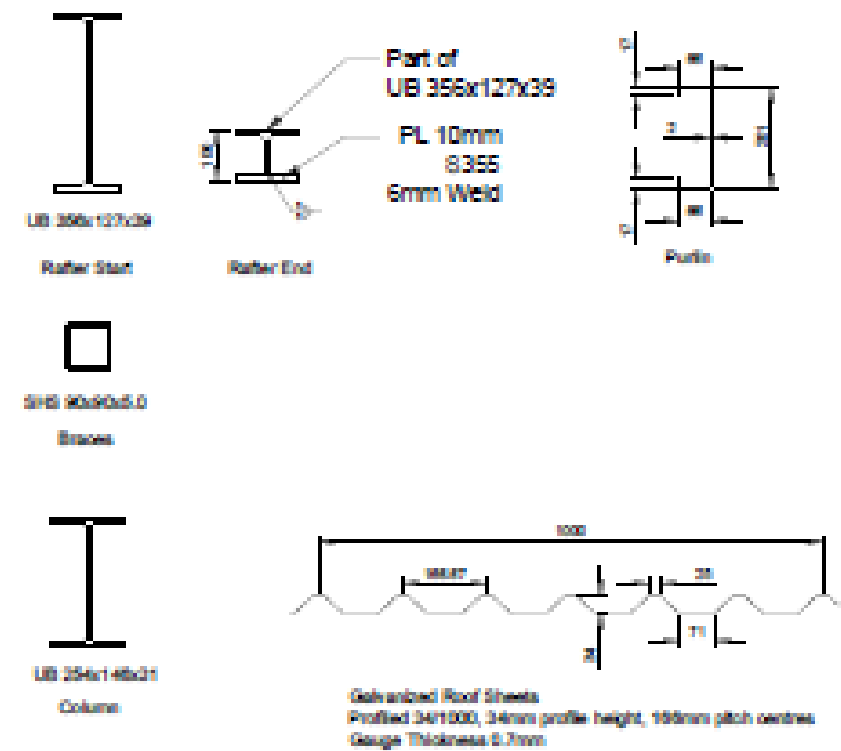


Drainage Details



NOTES:

- All information in this document is copyright of Egg and may not be used or reproduced without prior written permission.
- Do not scale this drawing, use figured dimensions only. All dependencies to be reported to Egg.
- All dimensions are to be checked prior any works.
- All structural frame columns and rafters are manufactured of S355 Standard Profiles
- All connection plates are S355.
- All Purlins are manufactured by cold roll forming of pre-hot dipped galvanized strip BS EN 10346 with a guaranteed yield strength of 450 N/mm²
- All bolts are Gr.8.8 unless noted otherwise.
- Roof box profiles gauge thickness is 0.7mm
- Steel finish: Galvanized according to BS EN 1461
- Termination of ALL purlins to be covered with 2mm bespoke flashing at both ends of each Car Parking row.
- Pilot holes to be provided for all plates connected with Self-Drilling Screws.
- Purlin pilot holes for Self-Drilling Screws to be provided in web only.
- All tolerances are in accordance with BS EN 1090-2:2008 unless noted otherwise.



Profile Schedule, Type - 1		
	Element	Thickness
Short Columns	UB 254x146x31	
Braces	SHS 90x90x5.0	
Rafter	UB 356x127x39	
Purlin	Gauge	2mm
Roof Sheets	Gauge	0.7mm

Scale 1:20

01	Uncontrolled Issue	RL	xx/xx/xx
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REV:	DESCRIPTION:	BY:	DATE:
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STATUS:	For Information
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120 Kings Road
London
SW3 4TR
commercial@egg.com
egg.com

CUSTOMER:

Project:
Solar Car Park

SITE:
Desford

TITLE:
Frame Type 1 – Design Proposal

SCALE:	DATE:	DRAWN:	CHECKED:
1:50 @ A3	28/11/25	RL	JP (CAT)

PROJECT NO:	DRAWING NO:	REVISION:
0000	UNCONTROLLED	XX