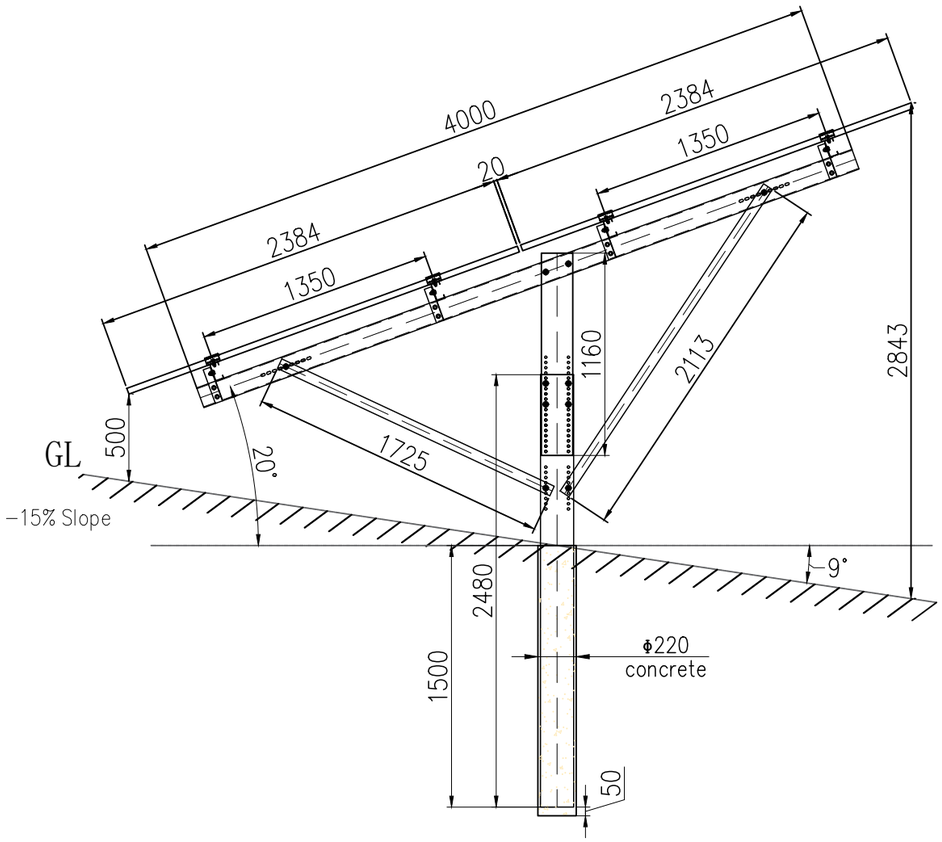
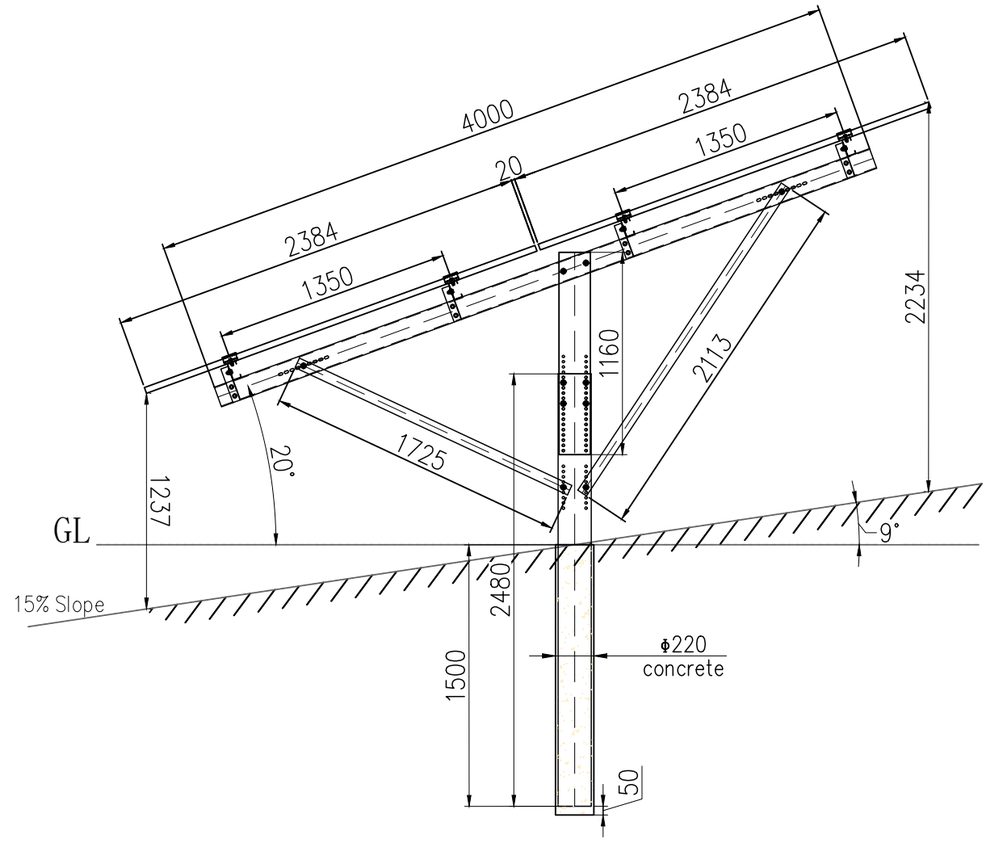


Section view I



Section view II

Note:
1.Design code:
EN 1991-1-4:2005(wind load);
EN 1991-1-3:2004(snow load);
Cold-Formed Steel: Eurocode - 1-3 2006;
2.Basic wind speed: 28.0m/s(10min);
3.Basic Snow Load:1.5KN/m^2;
4.Surface roughness category: Ⅱ;
5.Reliability Class:RC2,KFI=1.0;
6.Module size: 2384mm×1303mm×33mm;
7.Module angle: 20°
8.Corrosion grade: C3;
9.The concrete strength grade shall be C20 or higher;

No.	Name	Sec.	Mat.	Surface treatment
1	Pile	C 190*80*25*3.0	Q355B	H.D.G 100μm(Avg.)
2	Beam	C 120*60*15*1.8	S550GD	Z.M.275 g/m^2
3	Purlin	C 100*50*15*1.8	S550GD	Z.M.275 g/m^2
4	Strut	C 60*40*15*2.5	S350GD	Z.M.430 g/m^2
5	Post	C 180*70*25*2.0	S550GD	Z.M.275 g/m^2
6	Brace	C 50*30*10*1.6	S450GD	Z.M.430 g/m^2
		C 50*35*10*1.5	S350GD	
7	Rail Connector	L45*60*3.0	S350GD	Z.M.275 g/m^2
8	Sub rail Connector	L100*55*3.0	S350GD	Z.M.275 g/m^2
9	End clamp		6005-T5	-
10	Mid clamp		6005-T5	-

Aerial View

POWERWAY
Powerway Renewable Energy Co., Ltd.
No.11, Area D, Leping Industrial Park, Sanshui District, Foshan City, Guangdong Province, China
www.pvpowerway.com

ISSUED FOR STAGE
☐ S01 : QUOTATION
☒ S02 : APPROVAL
☐ S03 : CONSTRUCTION

REV.	By Eng.	DATE	DESCRIPTION
V1.0	lan	2026/1/16	Preliminary design
V1.1	lan	2026/1/23	Preliminary design
V1.2	lan	2026/1/28	Preliminary design
V1.3	lan	2026/2/6	Preliminary design
V1.4	lan	2026/3/13	For approval
V1.5	lan	2026/3/24	For approval
V1.6	lan	2026/3/24	For approval
V1.7	lan	2026/4/7	For approval

	Name	Signature
Design	chen	
Check	chen	
Verify	He	
Approve	He	
Chief	aku	

GENERAL NOTES

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4. Drawing measurement unit: millimeters (mm).

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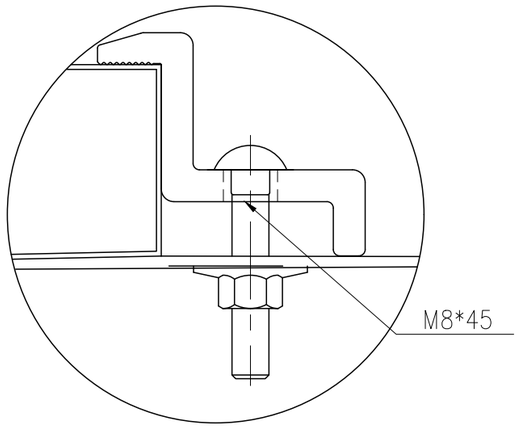
PROJECT No.:	PROJECT NAME:
S20260113-02	Bulgaria 9.29MW Project

LOCATION: Bulgaria

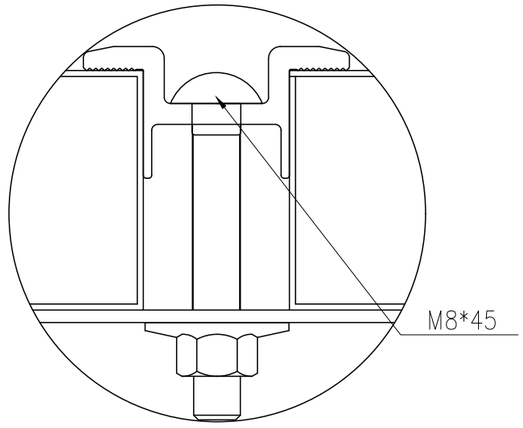
Proposal Drawing

STAGE / PAGE No. S01/01

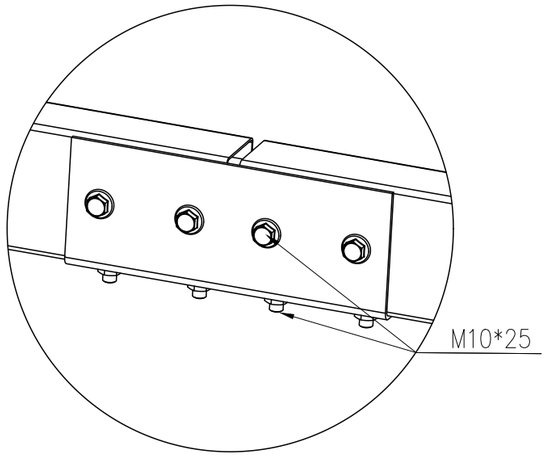
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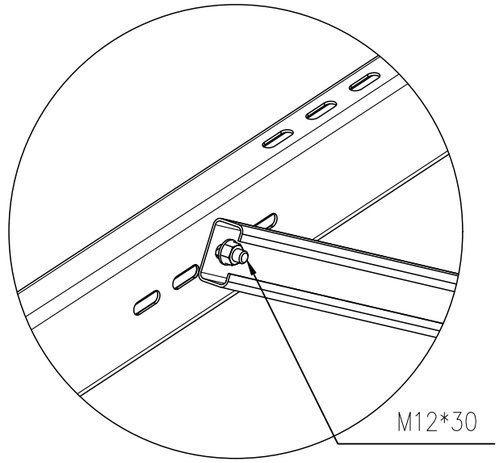
End clamp



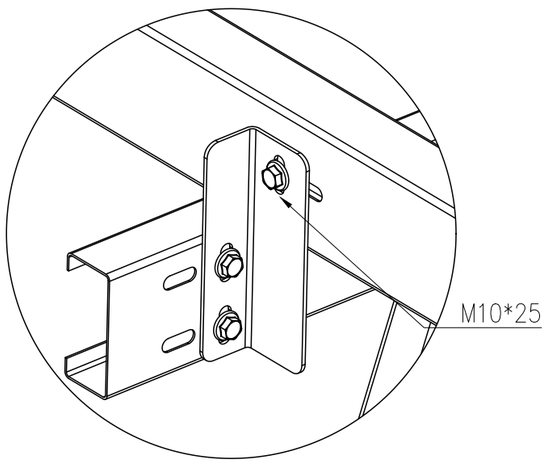
Mid clamp



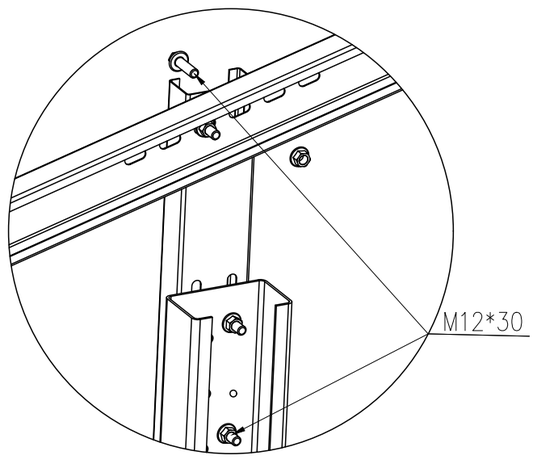
Purlin connected Detail



Strut–Beam Detail



Beam and Purlin connection



Post–Beam Detail

Aerial View

Powerway Renewable Energy Co., Ltd.

No.11, Area D, Leping Industrial Park, Sanshui District, Foshan City, Guangdong Province, China

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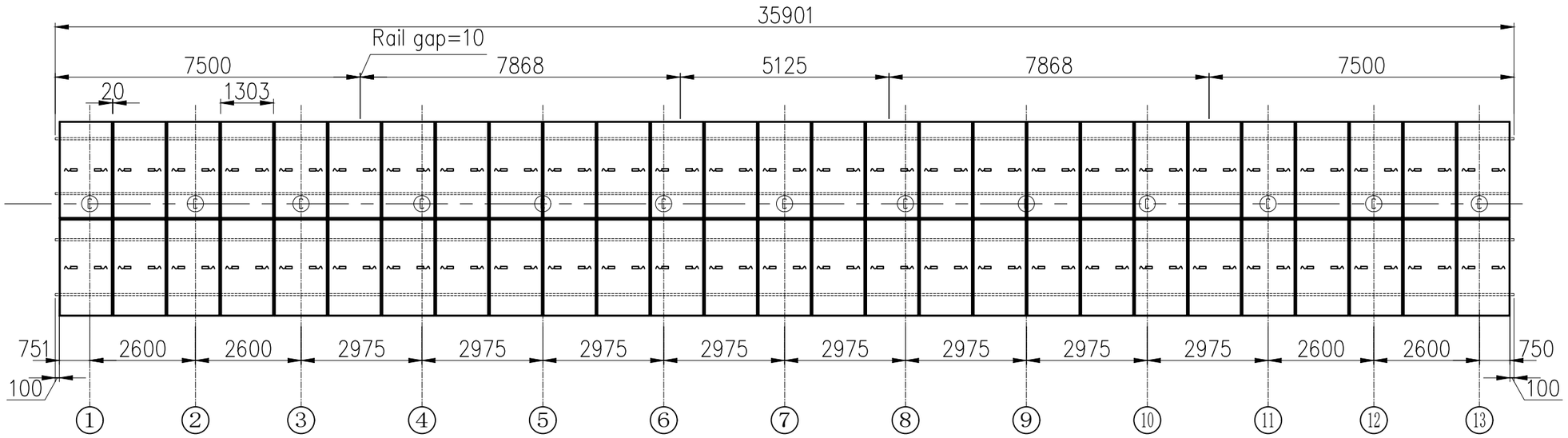
CUSTOMER:

PROJECT No.:	PROJECT NAME:
S20260113-02	Bulgaria 9.29MW Project

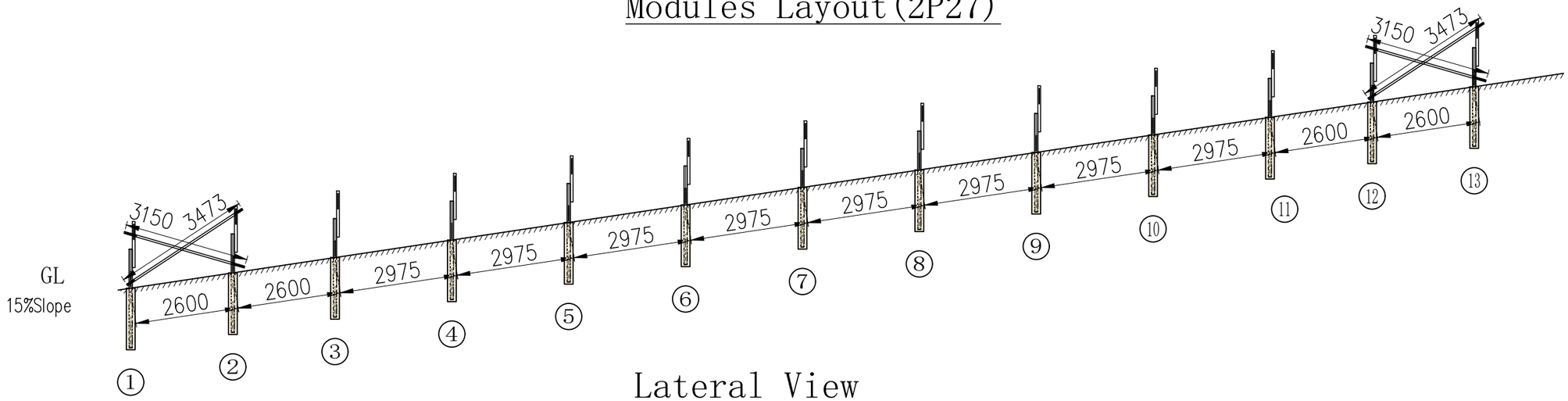
LOCATION: Bulgaria

Proposal Drawing	STAGE / PAGE No. S01/02

Paper Size A3 420x297mm



Modules Layout(2P27)



Lateral View

Aerial View

POWERWAY

Powerway Renewable Energy Co., Ltd.

No.11, Area D, Leping Industrial Park, Sanshui District, Foshan City, Guangdong Province, China

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