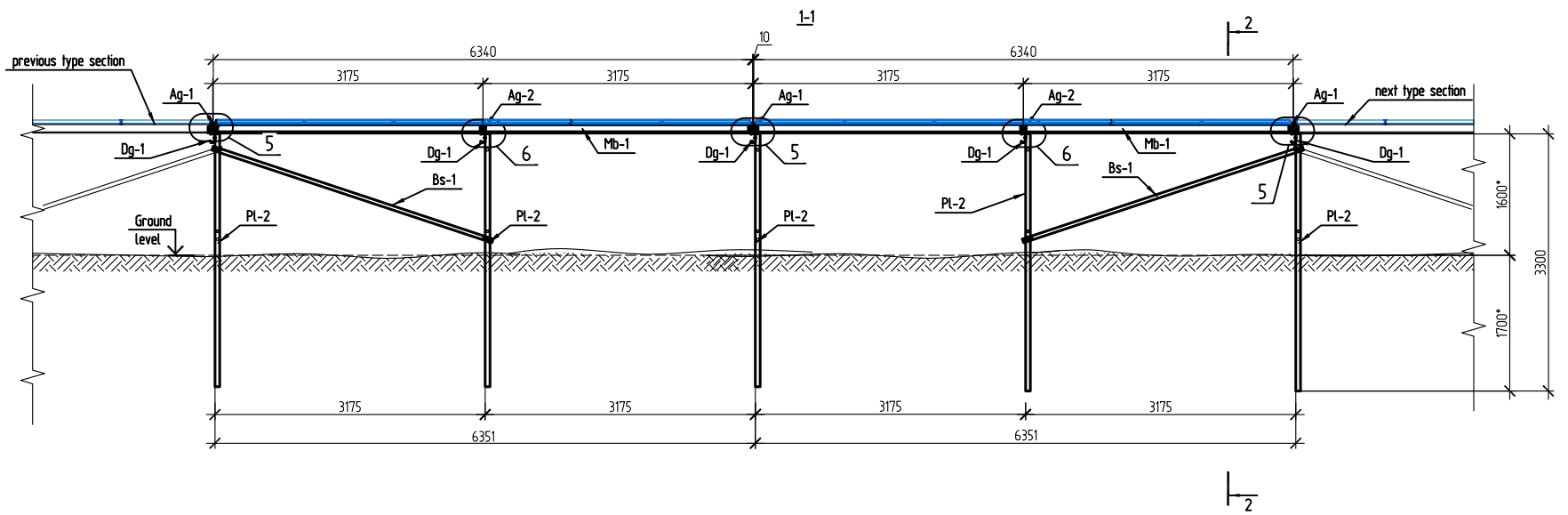
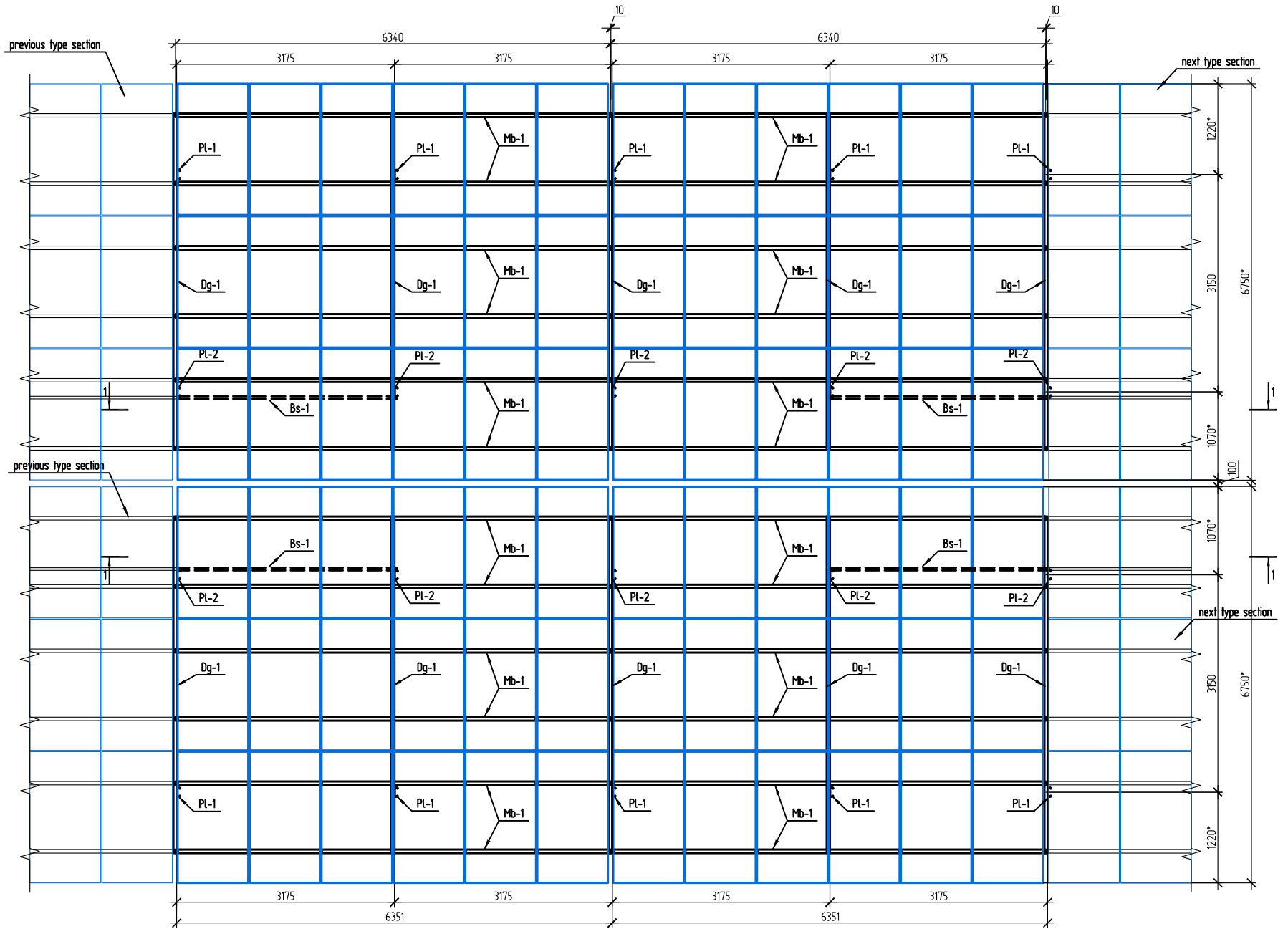
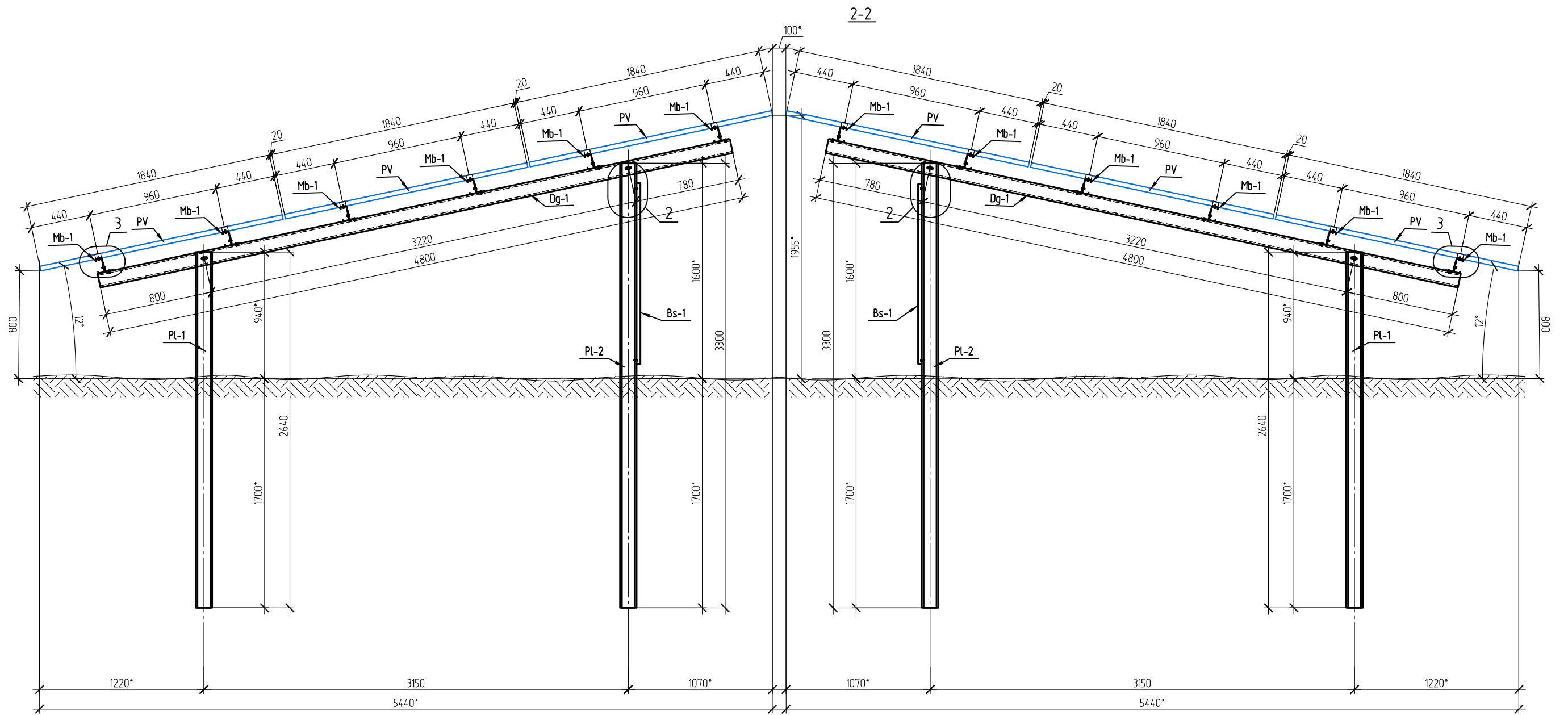


Mounting system SMS-312. The segment of the worktable from 2 typical sections for 36 PV modules in the middle of the row



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Signature and date	

						Germany: Snow load 0,65 kPa, Wind load 0,39 kPa			
						Mounting system SMS-312EW (132 cell)			
Change	Plots	Sheet	N° doc.	Signature	Data	Mounting system for PV modules	Stage	Sheet	Sheets
					10.2021		P	1	
Chief desiner		Finko							
Originated by		Shyrin				The segment of the worktable from 2 typical sections for 36 PV modules in the middle of the row			

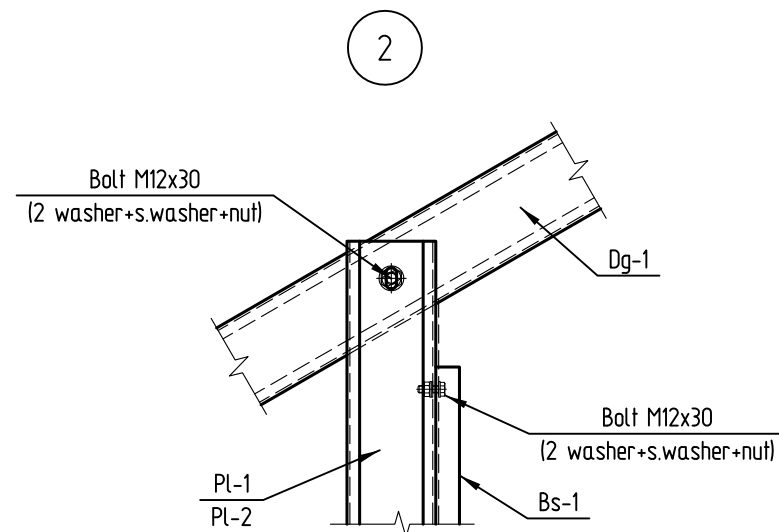
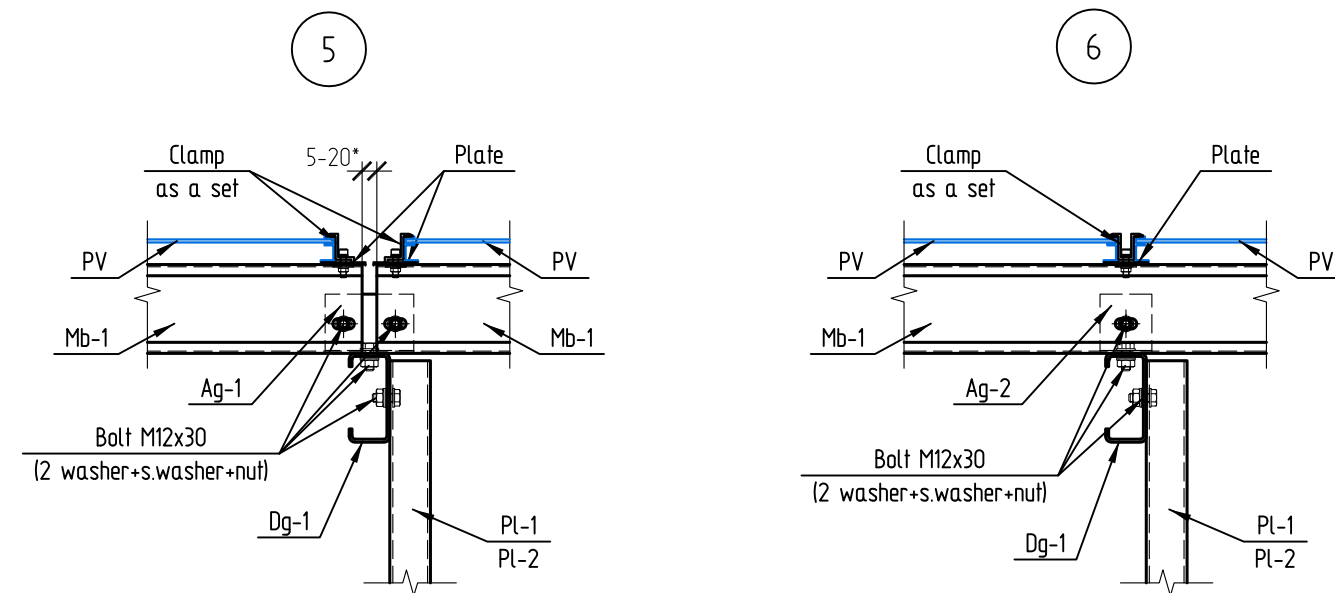
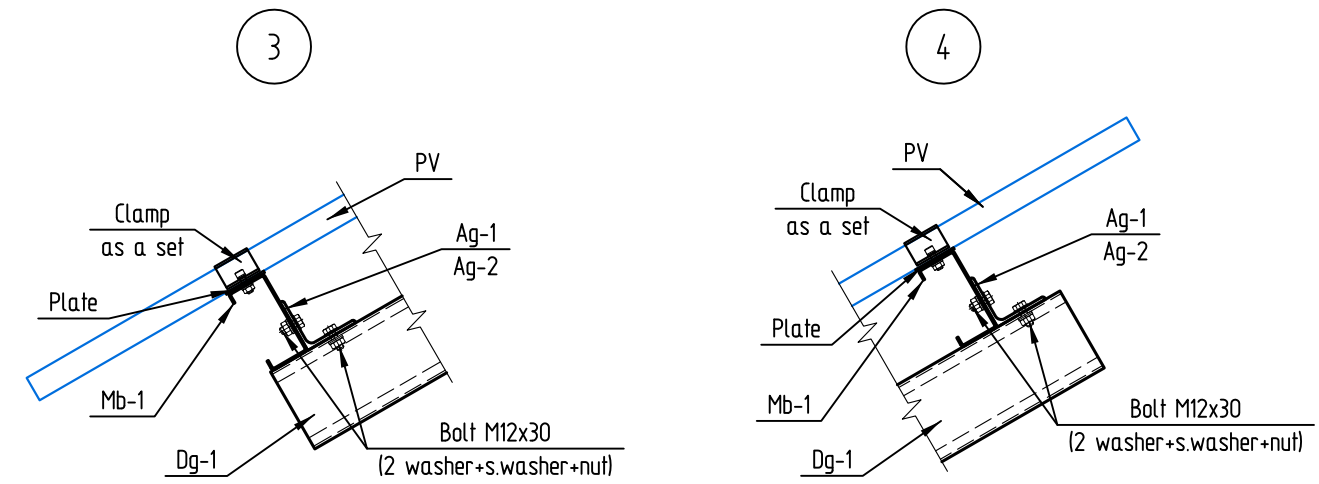
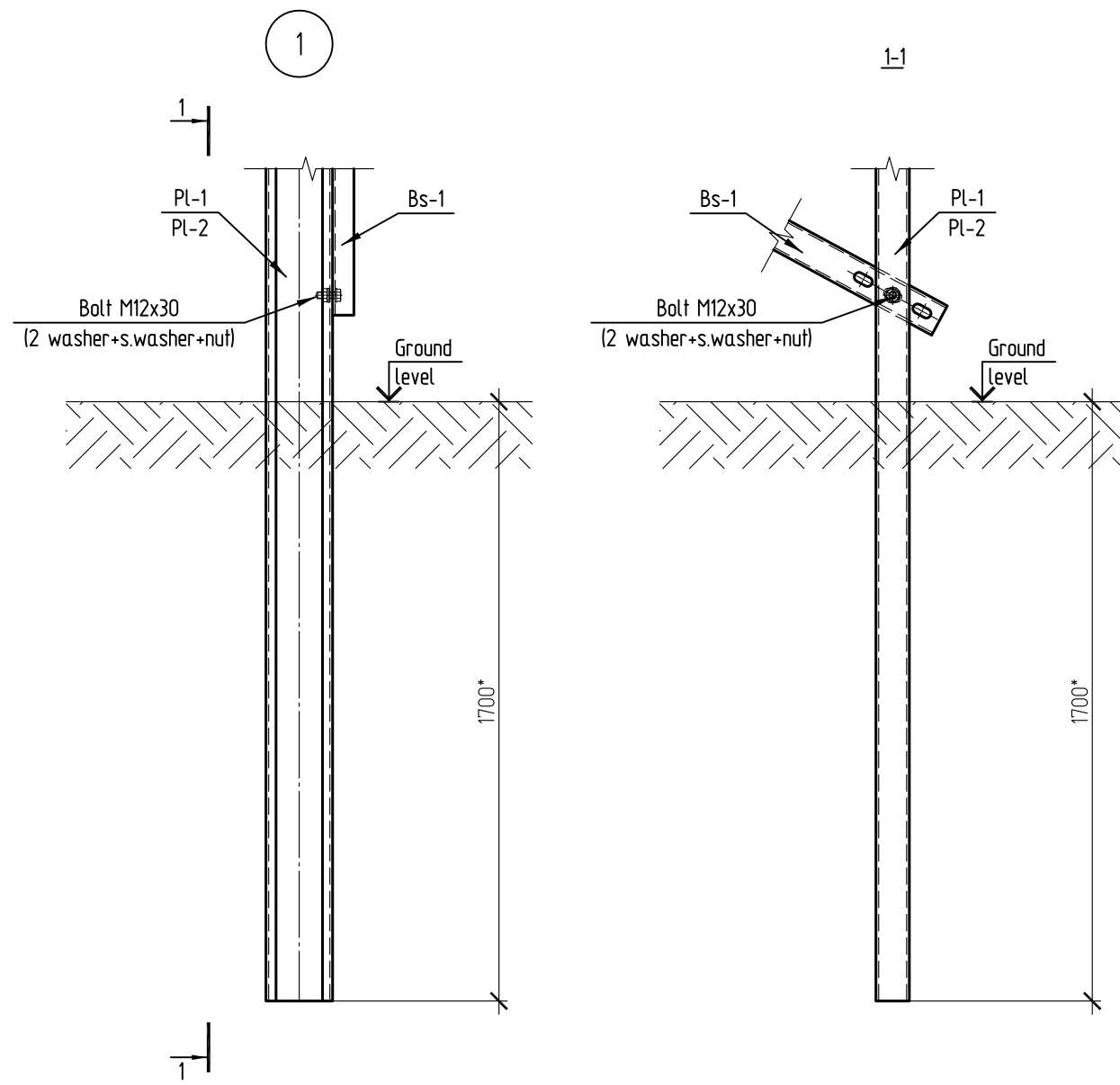


Elements specification of a typical table section for 72 PV modules

Item	Designation	Name	Q-ty.	Weight unit., kg	Notes
Pl-1	Pile	C100x50x15x2,5	10		hdg
Pl-2	Pile	C100x50x15x2,5	10		hdg
Dg-1	Diagonal	C120x50x15x2,5	10		hdg
Bs-1	Back support	U50x25x2	4		hdg
Mb-1	Main beam	C100x50x15x2	24		hdg
Ag-1	Connecting element	Ag.75x5	24		hdg
Ag-2	Connecting element	Ag.75x5	24		hdg
	DIN 933	Bolt M12x30 as a set (2 washers+sp.washer+nut)	70		A2-70
	Clamp	End clamp as a set	48		alum
	Clamp	Mid.clamp as a set	120		alum

1. Arrange racks-piles in accordance with the terrain
2. The difference in the level of the ground surface is  $\pm 200$  mm, at that the difference in the level of the top of the piles within one guide beam is  $\pm 20$  mm.
3. The inclination of the piles from the vertical axis is  $\pm 3^\circ$  in any direction, at that displacement of the top of the piles from the vertical axis in the longitudinal direction is  $\pm 20$  mm, in the transverse direction is  $\pm 20$  mm.
4. The distance in the longitudinal direction between neighboring piles is  $\pm 20$  mm, at that the distance between the first and last piles within one guide beam is  $\pm 20$  mm.
5. PV module angle of inclination is  $12^\circ \pm 1^\circ$
6. Distance from the PV module bottom edge to the ground surface level is  $800 \pm 100$  mm.

						Germany: Snow load 0,65 kPa, Wind load 0,39 kPa		
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Chief desiner	Finko					Mounting system for PV modules		
Originated by	Shyrin					Stage	Sheet	Sheets
						P	2	
						Profile 2-2. Specification		



1. Bolt torque M12 min 44 Nm - max 56 Nm.
2. Bolt torque M8 on clamps min 10 Nm - max 16 Nm.
3. Dimensions marked with "\*" are specified locally upon the completion of the work.

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						Germany: Snow load 0,65 kPa, Wind load 0,39 kPa				
						Mounting system SMS-312EW (132 cell)				
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					10.2021			P	3	
Chief desiner	Finko									
Originated by	Shyrin									
						Units 1-6				