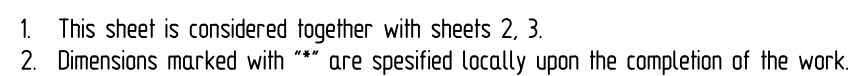
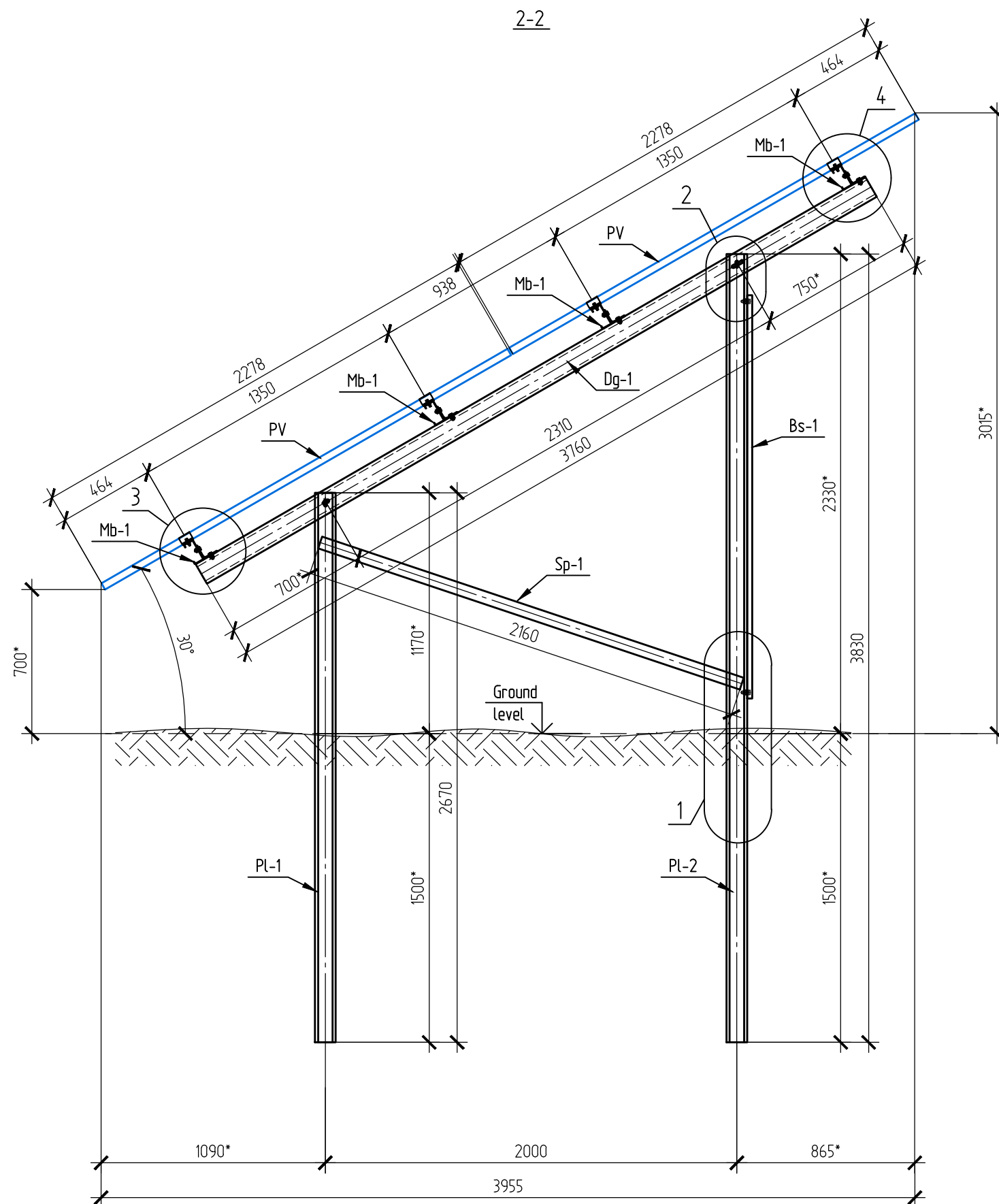


[illegible]A3




Elements specification for 8, 12 and 8 PV modules sections

Item	Designation	Name	Q-ty.	Weight unit., kg	Notes
Pl-1	Pile	C100x50x15x2,8	5		S235JR + hdg 50 um
Pl-2	Pile	C100x50x15x2,8	5		S235JR + hdg 50 um
Dg-1	Diagonal	C120x50x15x2,5	5		S350GD+Zn350
Bs-1	Back support	U40x20x2	2		S350GD+Zn350
Mb-1	Main beam	C120x50x15x2	4		S350GD+Zn350
Mb-3	Main beam	C120x50x15x2	8		S350GD+Zn350
Ag-1	Ag-connector	L75x5	8		S235JR + hdg 50 um
Ag-2	Ag-connector	L75x5	12		S235JR + hdg 50 um
	DIN 6921	Bolt M12x30 as a set	72		Delta
	Clamp	End clamp as a set	24		alum
	Clamp	Mid.clamp as a set	44		alum
	Plate	Plate 60x60x3	68		alum

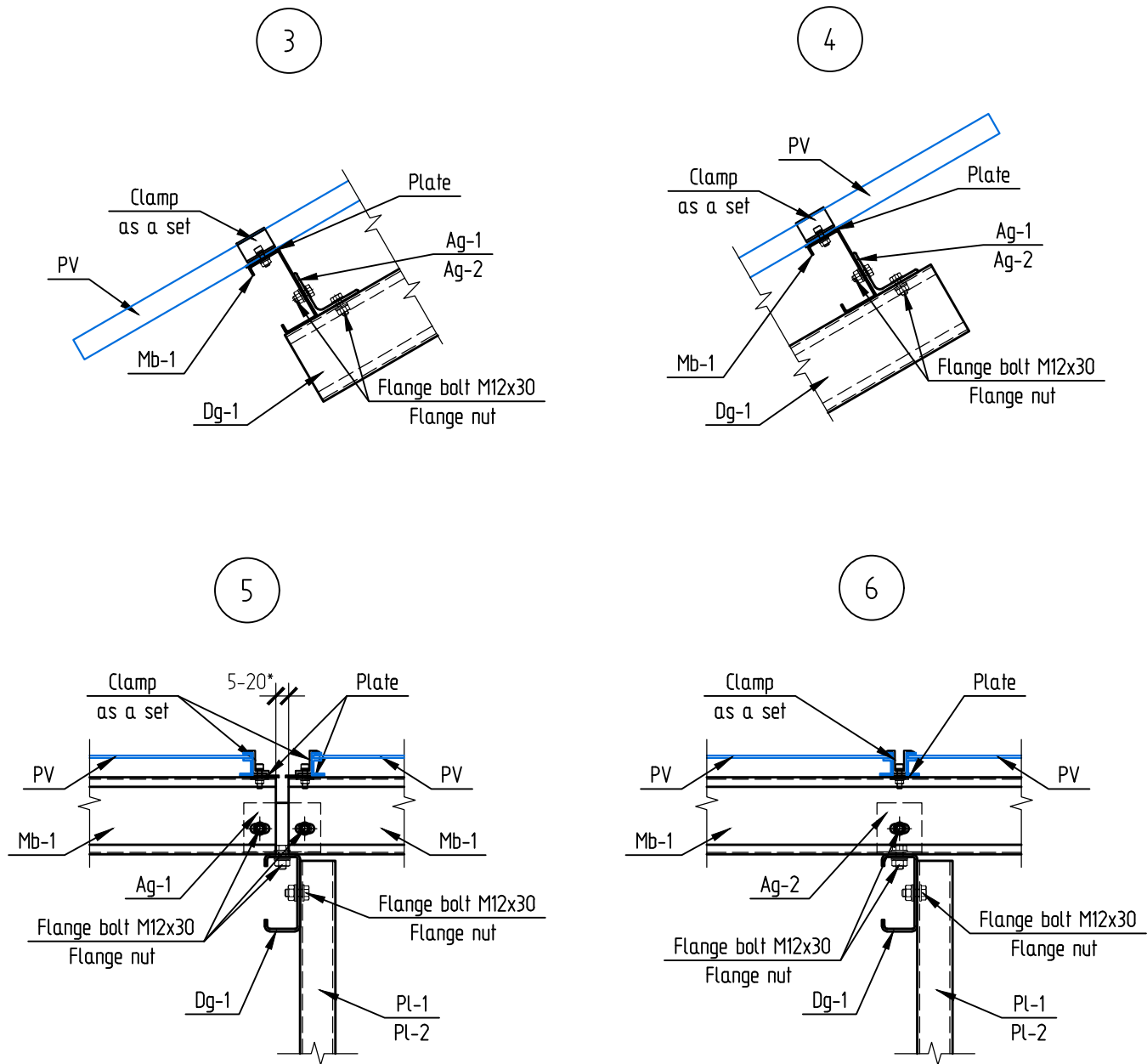
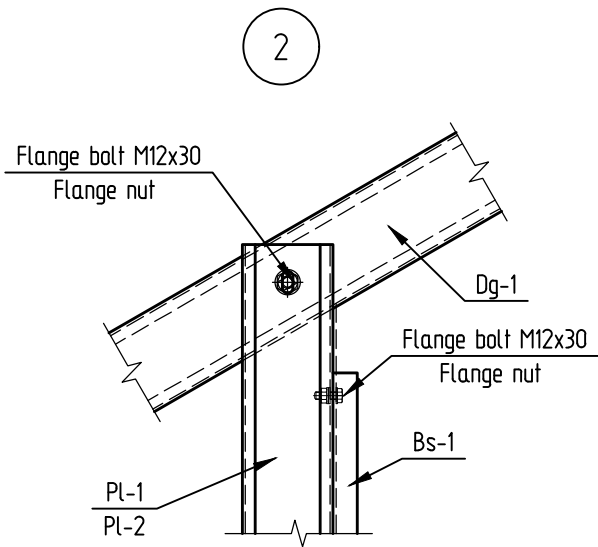
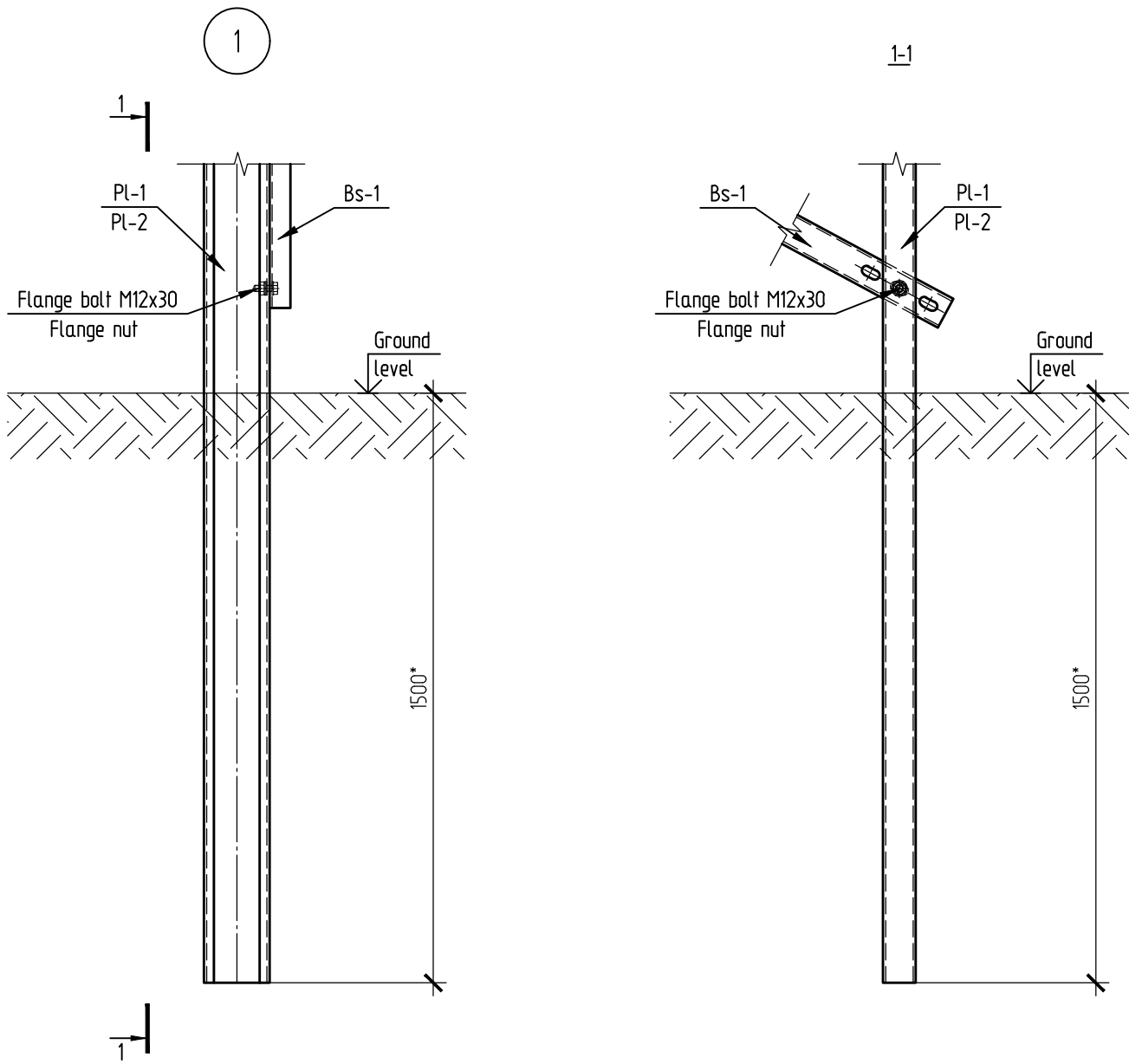
Tolerance within a table.

1. Arrange racks-piles in accordance with the terrain
2. The difference in the level of the ground surface is ± 200 mm, at that the difference in the level of the top of the piles within one guide beam is ± 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 ± 20 mm, in the transverse direction is ± 20 mm.
4. The distance in the longitudinal direction between neighboring piles is ± 20 mm, at that the distance between the first and last piles within one guide beam is ± 20 mm.
5. PV module angle of inclination is $30^\circ \pm 1^\circ$
6. Distance from the PV module bottom edge to the ground surface level is 700 ± 200 mm.

1. This sheet is considered with the document 1, 3.
2. Dimensions marked with "*" are specified locally upon the completion of the work.

						Rõngu, Estonia: Snow load 1,25 kPa, Wind load 0,28 kPa			
						Mounting system SMS-212 (144cell)			
Change	Plots	Sheet	Nº doc.	Signature	Data				
						Mounting system for PV modules	Stage	Sheet	Sheets
							P	2	
						Mounting system SMS-212. Profile 2-2. Specification			

Tag N° orig	Signature and date	Insted tag N°



1. This sheet is considered with the document 1, 2.
2. Bolt torque M12 min 44 Nm - max 56 Nm.
3. Bolt torque M8 on clamps min 16 Nm - max 20 Nm.
4. Dimensions marked with "*" are specified locally upon the completion of the work.

						Rõngu, Estonia: Snow load 1,25 kPa, Wind load 0,28 kPa			
						Mounting system SMS-212 (144cell)			
Change	Plots	Sheet	N° doc.	Signature	Data	Mounting system for PV modules	Stage	Sheet	Sheets
							P	3	
						Unit 1-6			