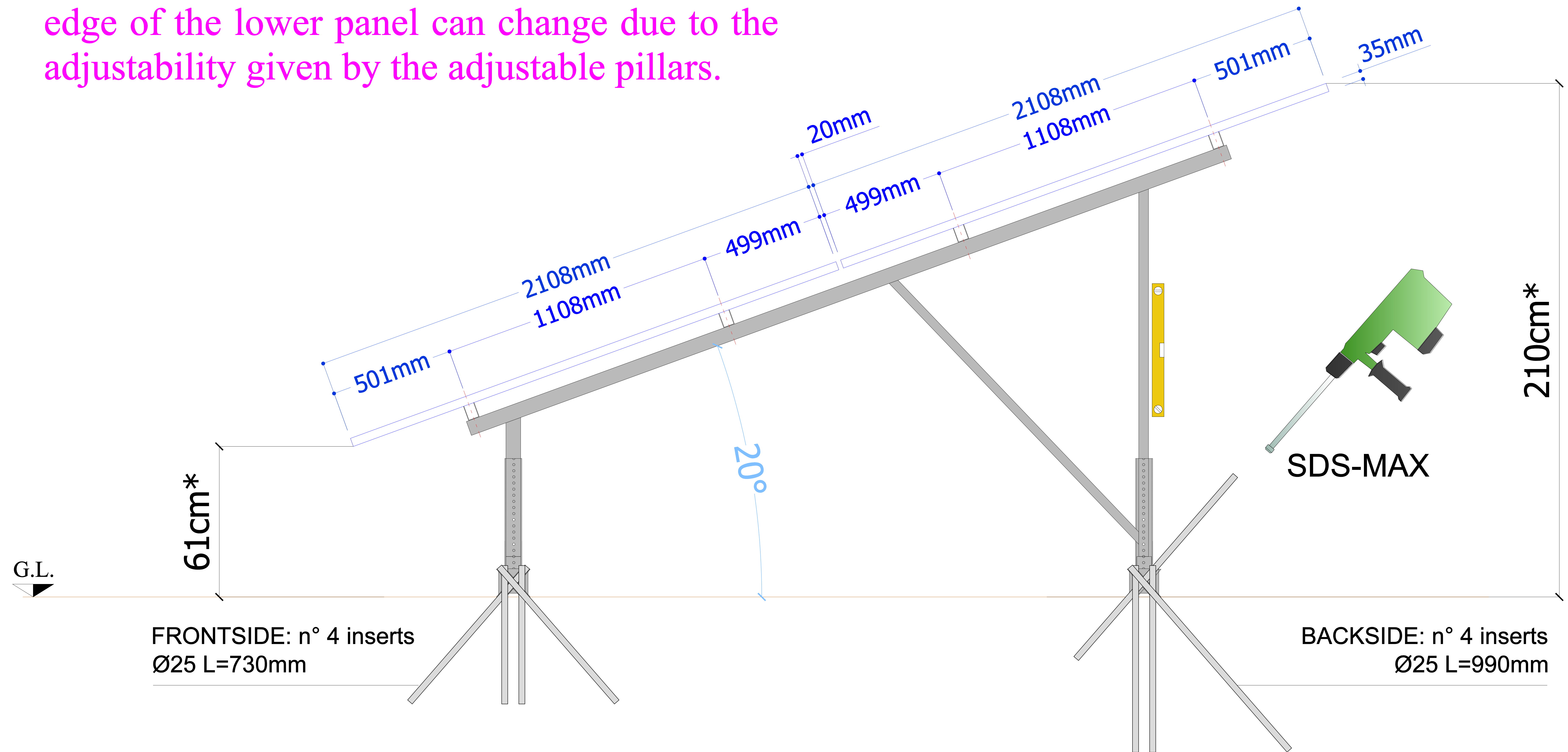


1328 PV modules 415Wp → 551,12kWp
 Dimension: 2108 x 1048 x 35 mm



JACK HAMMER with SDS-MAX
 SOCKET REQUIRED

*Note that the height above the ground of the edge of the lower panel can change due to the adjustability given by the adjustable pillars.

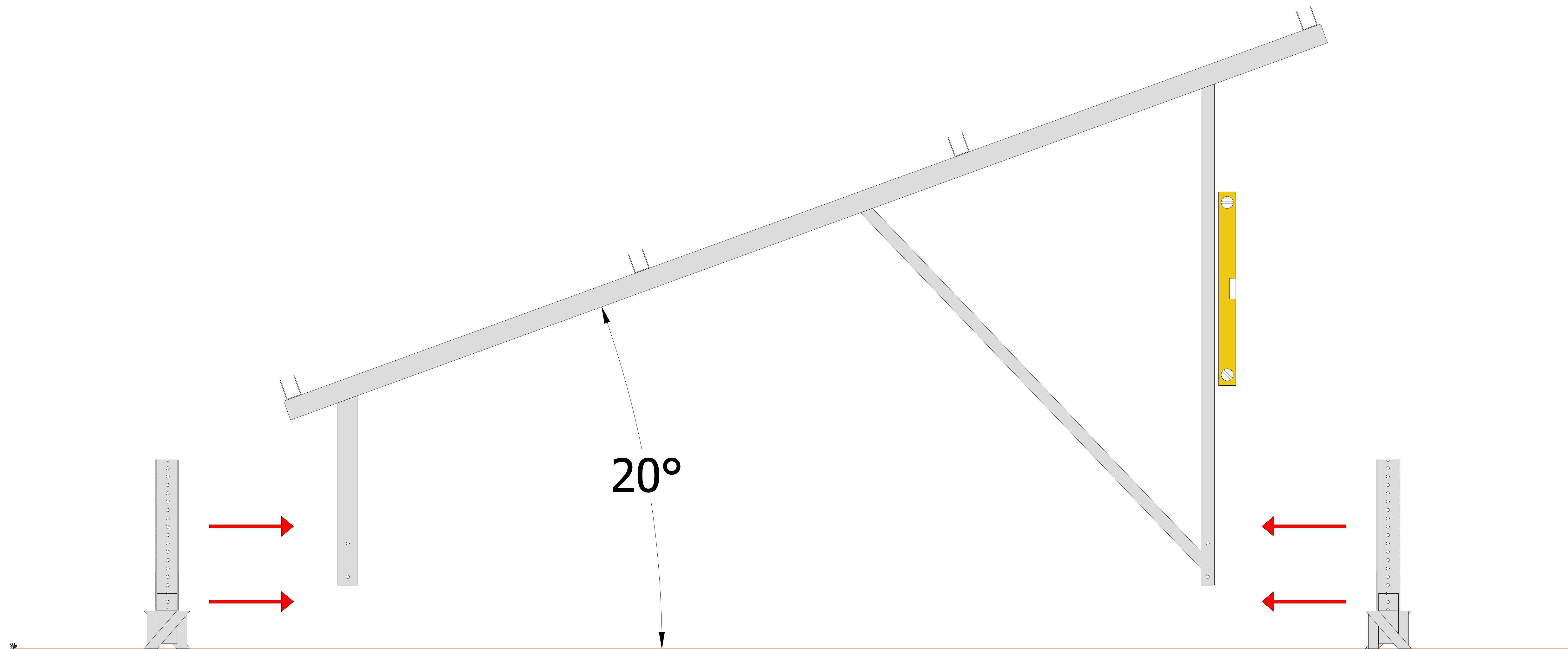


Driving-in the inserts to the ground through guides placed at the base of the frames, using a jack-hammer with SDS-MAX tool tip or a common hammer, only when all the structure is installed and it has checked that the spirit level giving the transverse orientation of the structure indicates the horizontal.

	NAME	DATE			
DRAWN	S.J.	20/04/2021	Solar&Solar Stock_551.12kW		
CHECKED					
			TITLE "Tree System" Anchoring.		
			SIZE	DWG N°: 1	REV
			SCALE:	WEIGHT:	SHEET



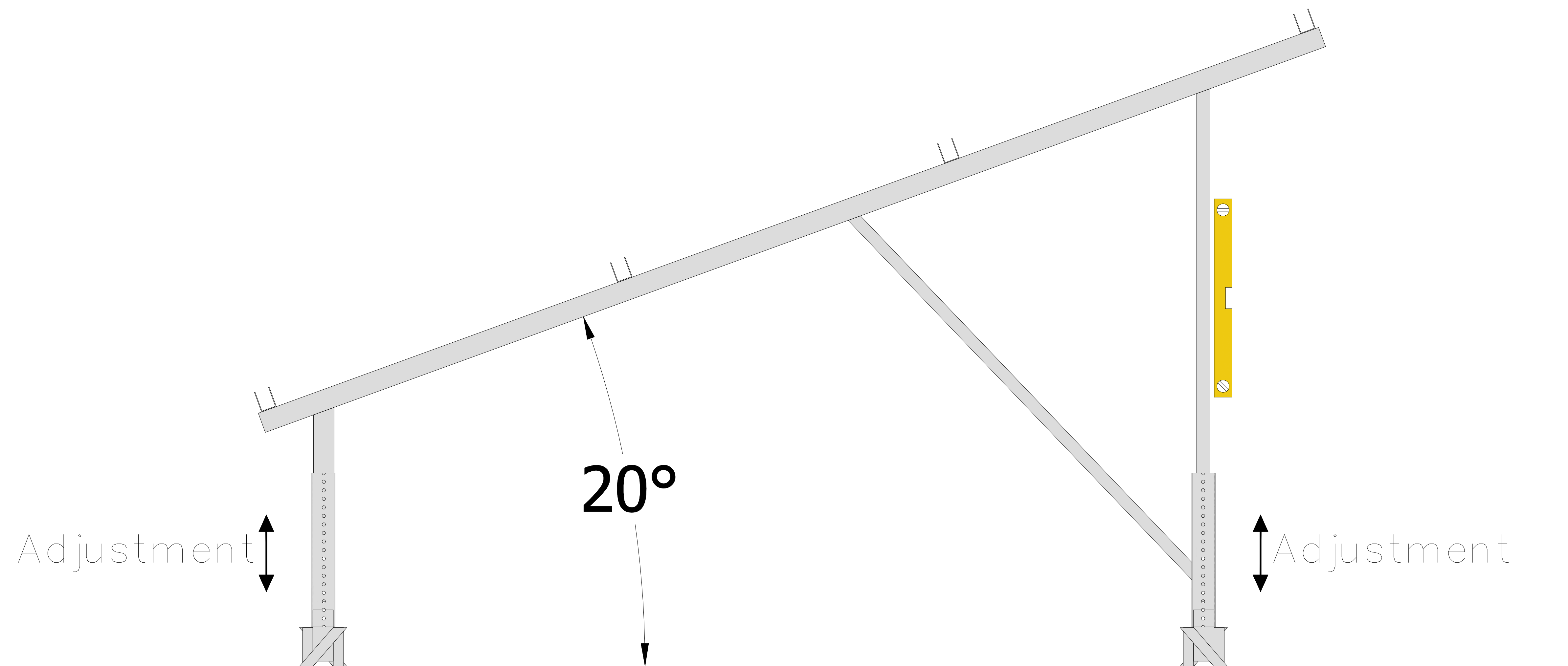
TreeSystem s.r.l.
 Via Moraro n°22, 35020, Pozzonovo (PD)
 Tel/fax +390429773082



		NAME	DATE		
DRAWN		S.J.	20/04/2021	Solar&Solar Stock_551.12kW	
CHECKED					
				TITLE Installation of telescopic pillars.	
SIZE	DWG N°:		3	REV	
SCALE:	WEIGHT:	SHEET			



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Tel/fax +390429773082

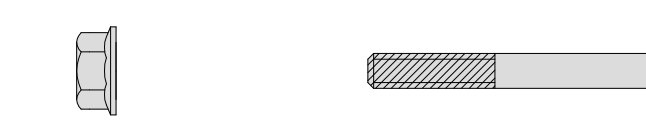


**ELECTRIC
SCREWDRIVER**



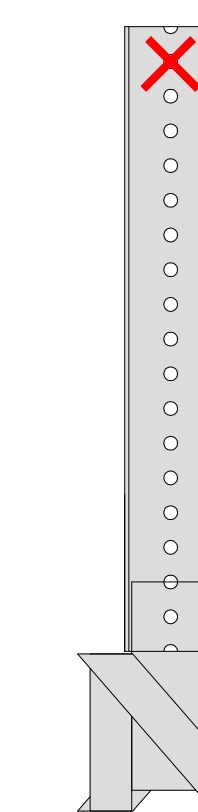
**WRENCH REQUIRED
size 13mm**

x 04



M8x70

**PERMITTED TIGHTENING
TORQUE OF 10 Nm.**




NOTE 1: do not use the last hole available on the top of the telescopic pillar for the adjustment.

Once you have found the best regulation and after checking that they are aligned with the vertical line, lock the position of the telescopic anchoring with 2 screws passing through hex head M8x70 at the maximum permitted distance (mind that they must be fixed one in the lower hole present in the framework and the other one in the higher available hole, in order to keep the maximum distance between the bolts); then, once you have installed all the frames of each table, proceed fixing them.

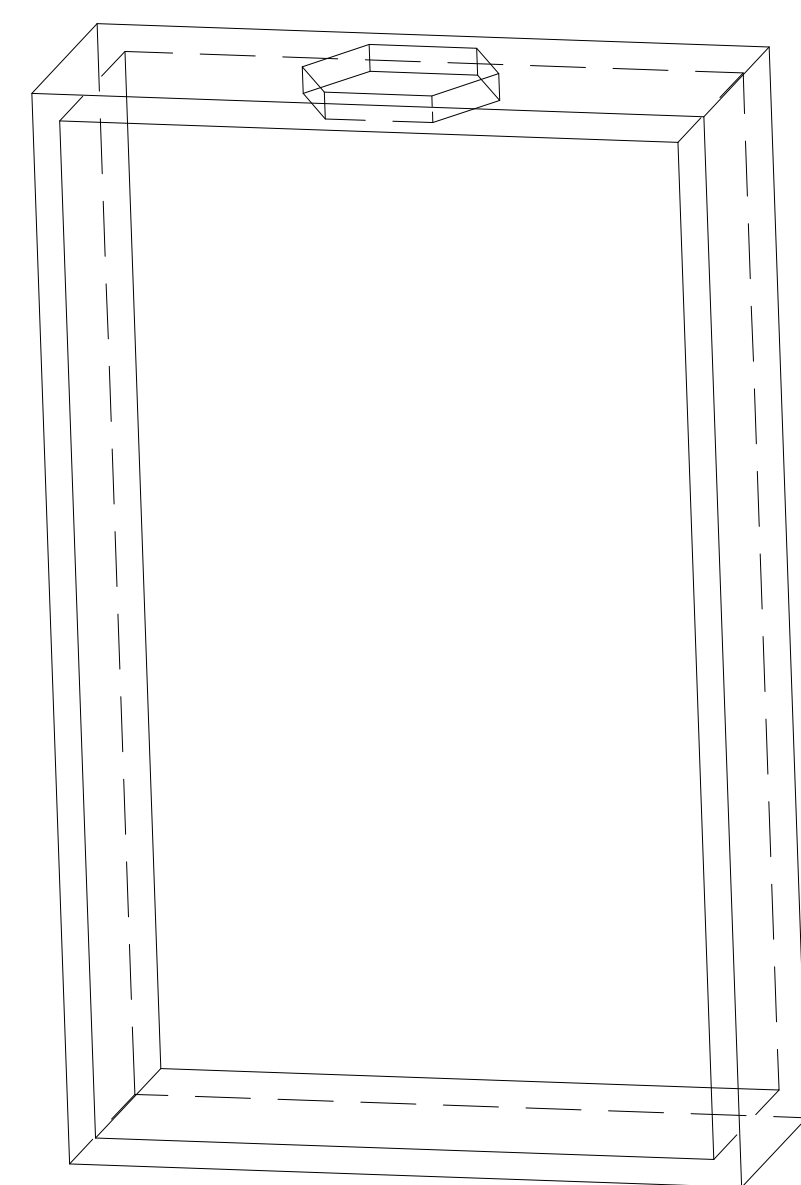
NOTE 1: do not use the last hole available on the top of the telescopic pillar for the adjustment.

In this phase it is recommended to place the horizontal beams in the appropriate "U" profiles welded to the frame, to facilitate the arrangement of the frames.

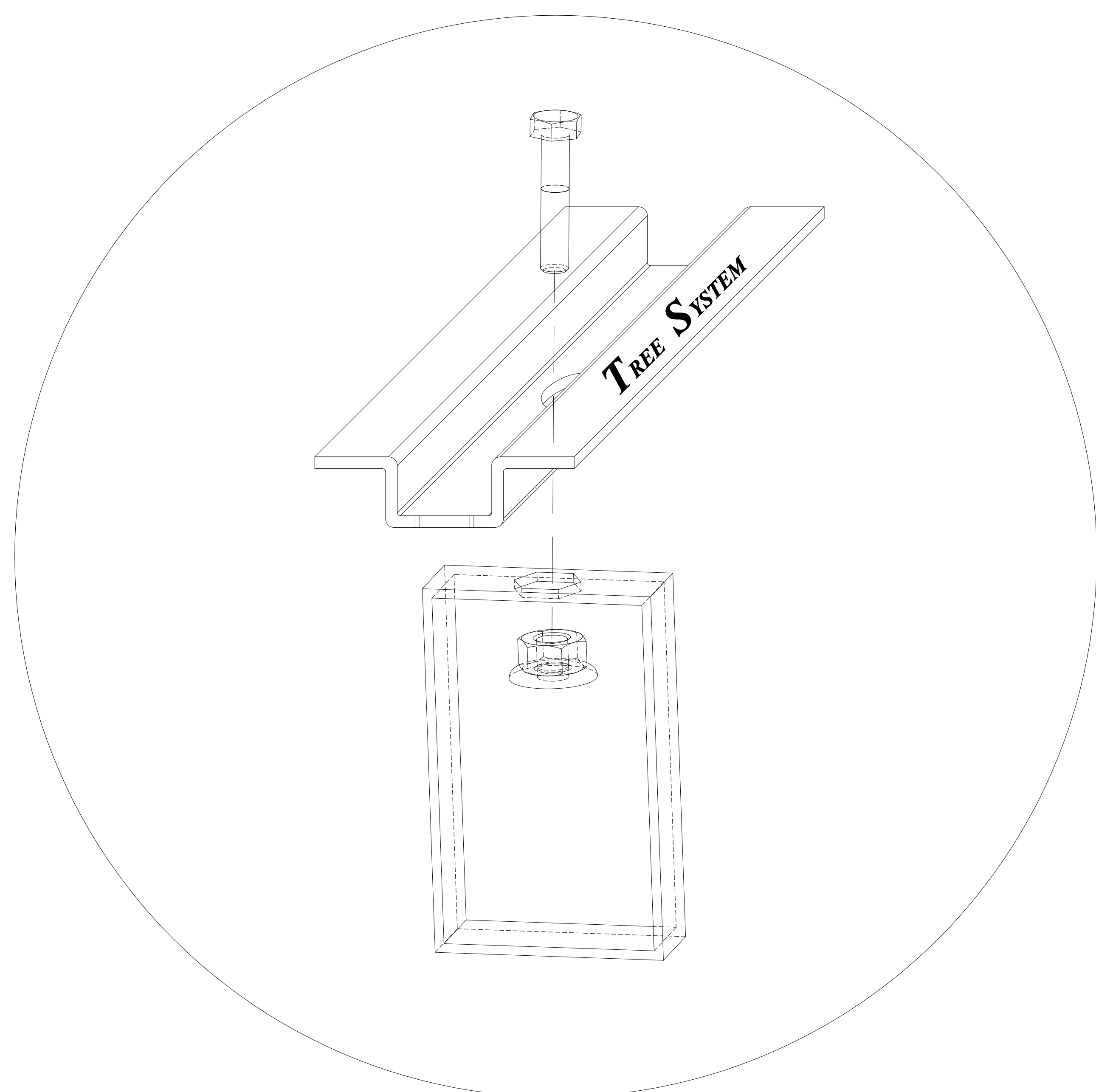
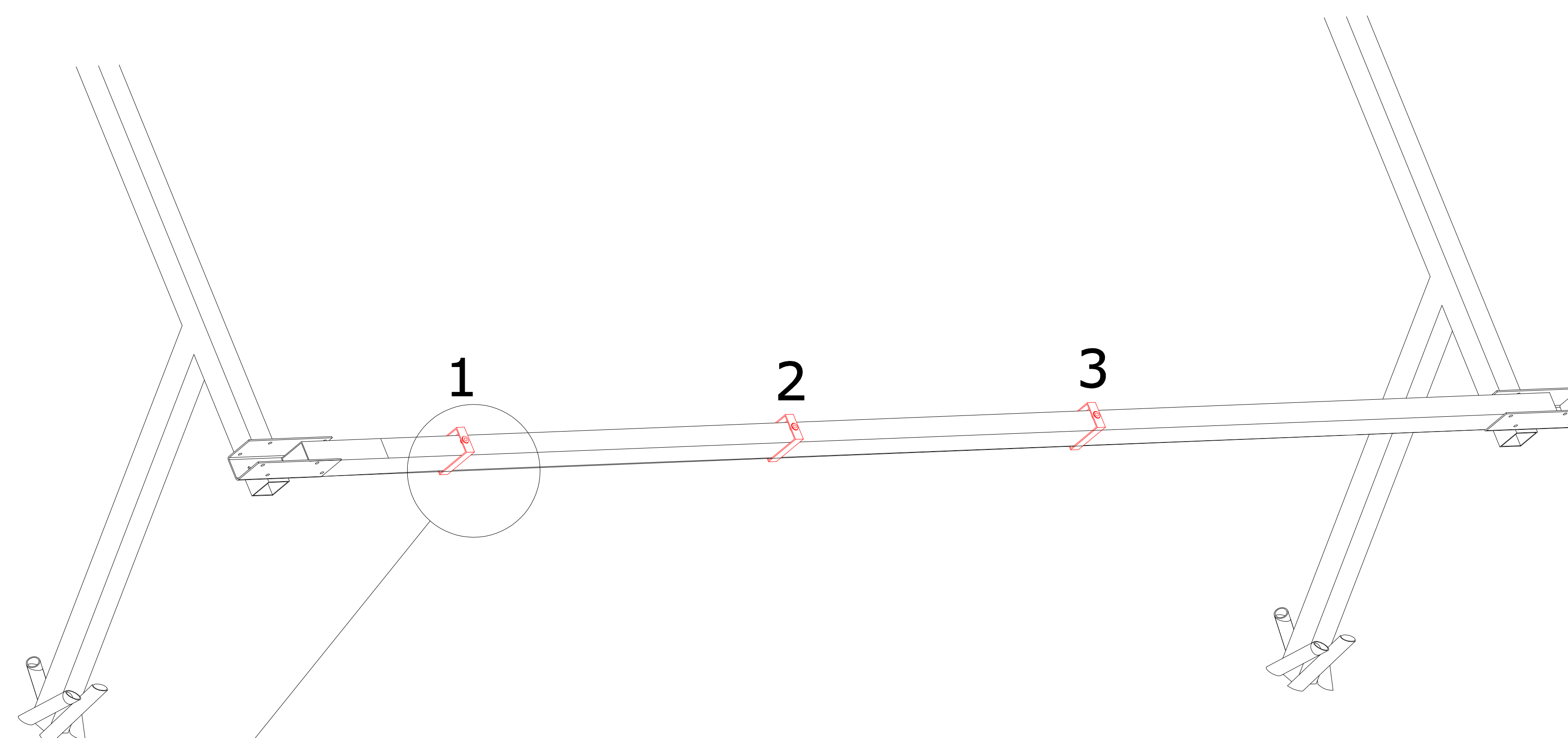
NOTE 2: it could happen that some holes are clogged due to the zinc coating, so it's recommended to pass the screws and fasten them using the electric screwdriver.

	NAME	DATE	Solar&Solar Stock_551.12kW		
DRAWN	S.J.	20/04/2021			
CHECKED			TITLE Installation in case of uneven terrain.		
 TreeSystem s.r.l. Via Moraro n°22, 35020, Pozzonovo (PD) Tel/fax +390429773082			SIZE	DWG N°:	REV
			SCALE:	WEIGHT:	SHEET

4



Collar



The "collars" to fix the modules must be inserted before fixing the horizontal beams to the frames: you have to insert **no. 2 or 3** collars for each span, while for the cantilevers it's sufficient **1** collar, as shown below.

	NAME	DATE		
DRAWN	S.J.	20/04/2021	Solar&Solar Stock_551.12kW	
CHECKED				
			TITLE	
			Insertion collars to fasten PV modules.	
SIZE	DWG N°:	5	REV	
SCALE:	WEIGHT:	SHEET		



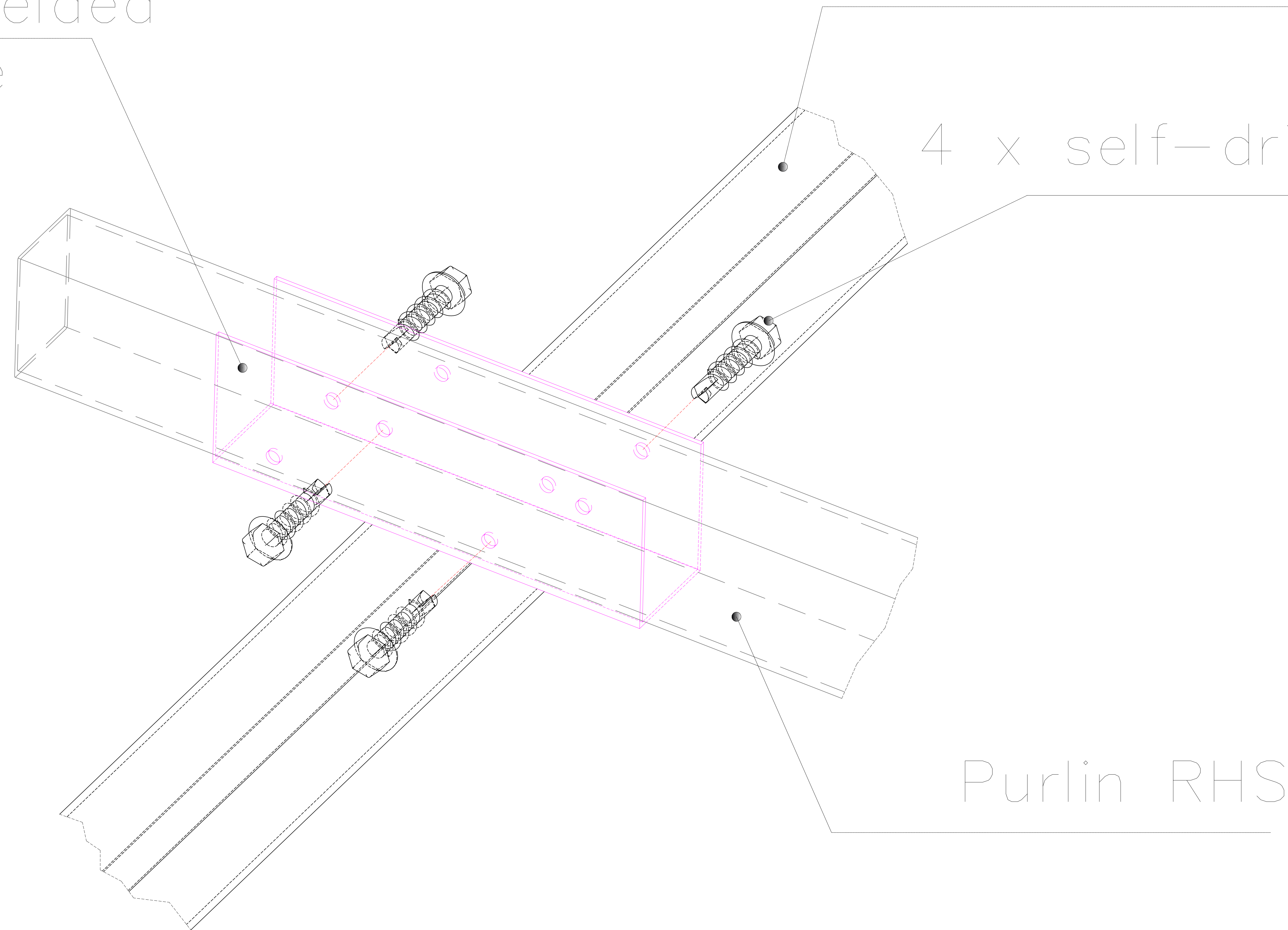
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DETAIL "A": INITIAL POSITIONS

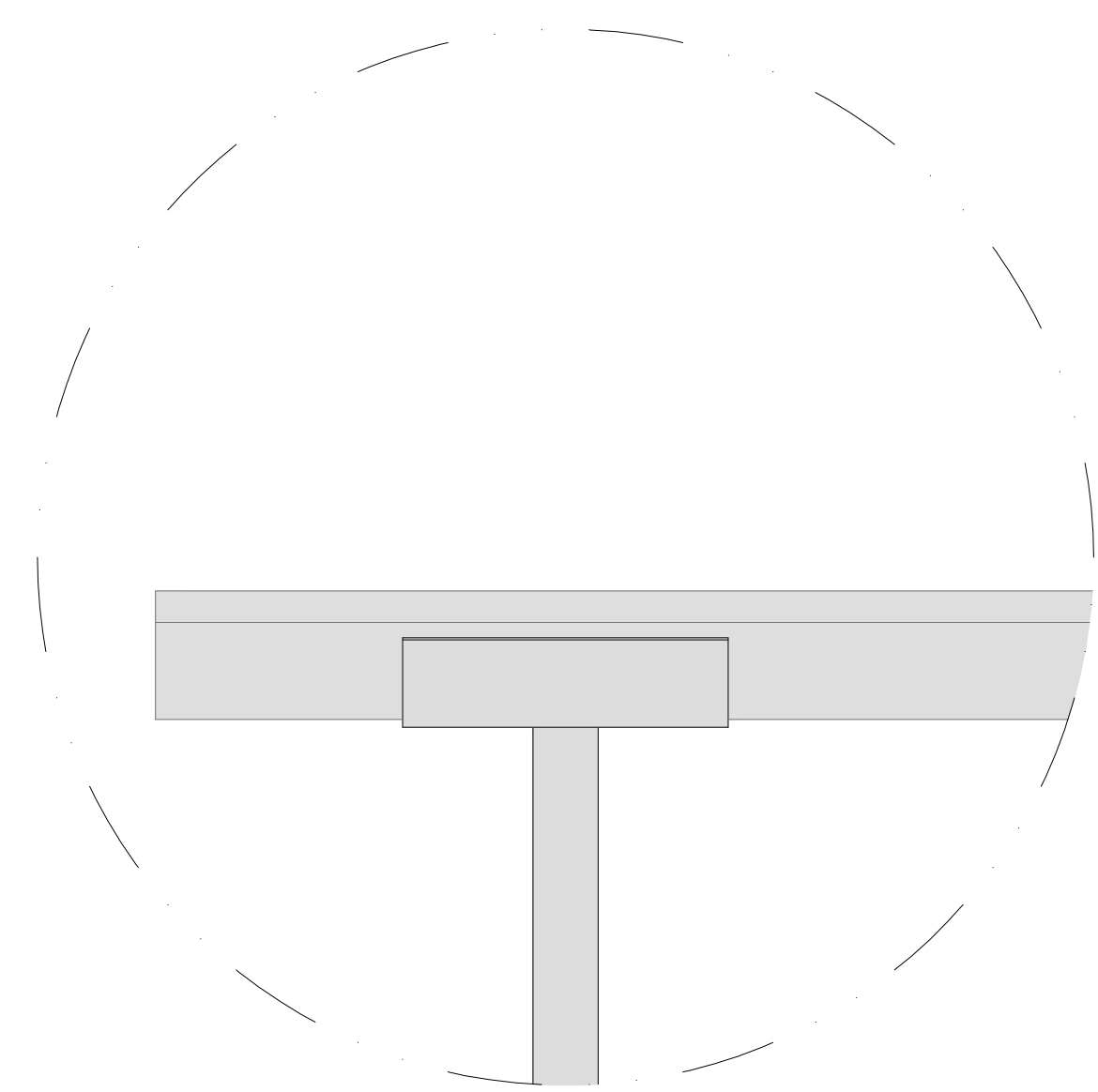
"U" profile welded to the frame

Frame RHS

4 x self-drilling screws



A



Purlin RHS

PERMITTED TIGHTENING TORQUE OF MAX 7-8 Nm.



	NAME	DATE	Solar&Solar Stock_551.12kW	
DRAWN	S.J.	20/04/2021		
CHECKED				
			TITLE Fastening horizontal profiles to the frames.	
SIZE	DWG N°:	6	REV	
SCALE:	WEIGHT:	SHEET		



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DETAIL "B": TÊTE-à-TÊTE POSITIONS

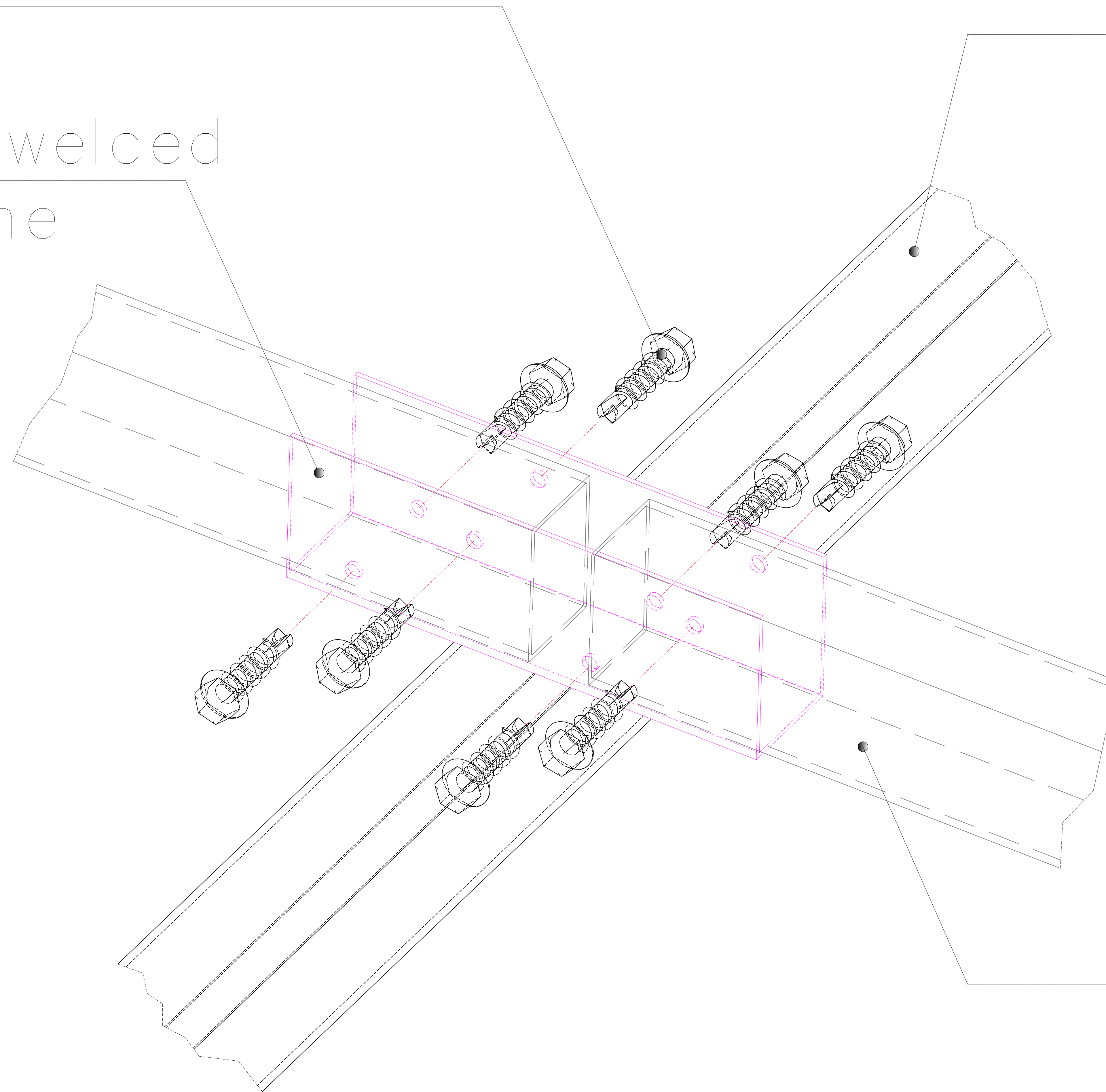
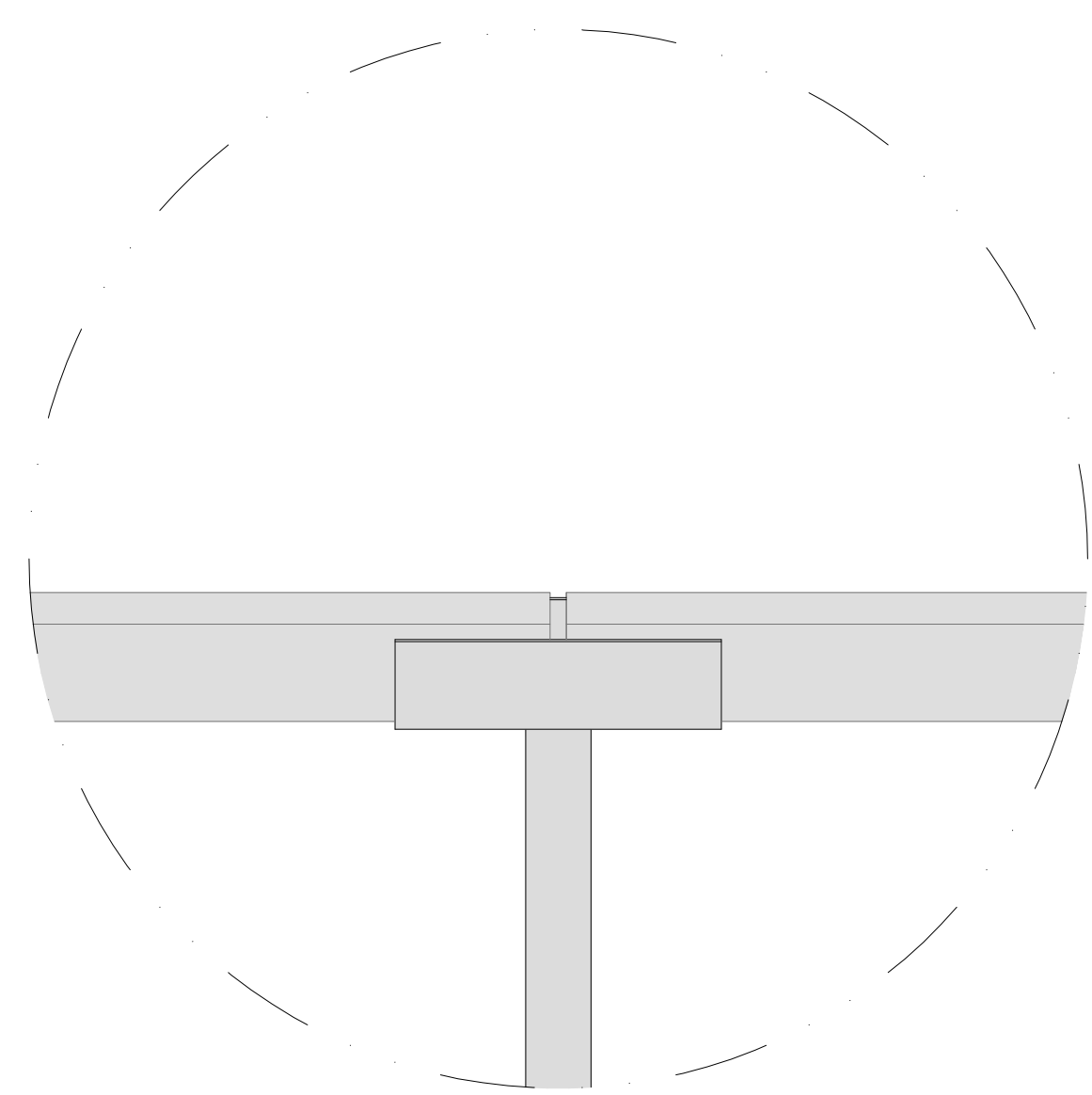
8 x self-drilling screws

"U" profile welded to the frame

Frame RHS

Purlin RHS

B



PERMITTED TIGHTENING TORQUE OF MAX 7-8 Nm.



	NAME	DATE		
DRAWN	S.J.	20/04/2021	Solar&Solar Stock_551.12kW	
CHECKED				
			TITLE Fastening horizontal profiles to the frames.	
SIZE	DWG N°:	7	REV	
SCALE:	WEIGHT:	SHEET		



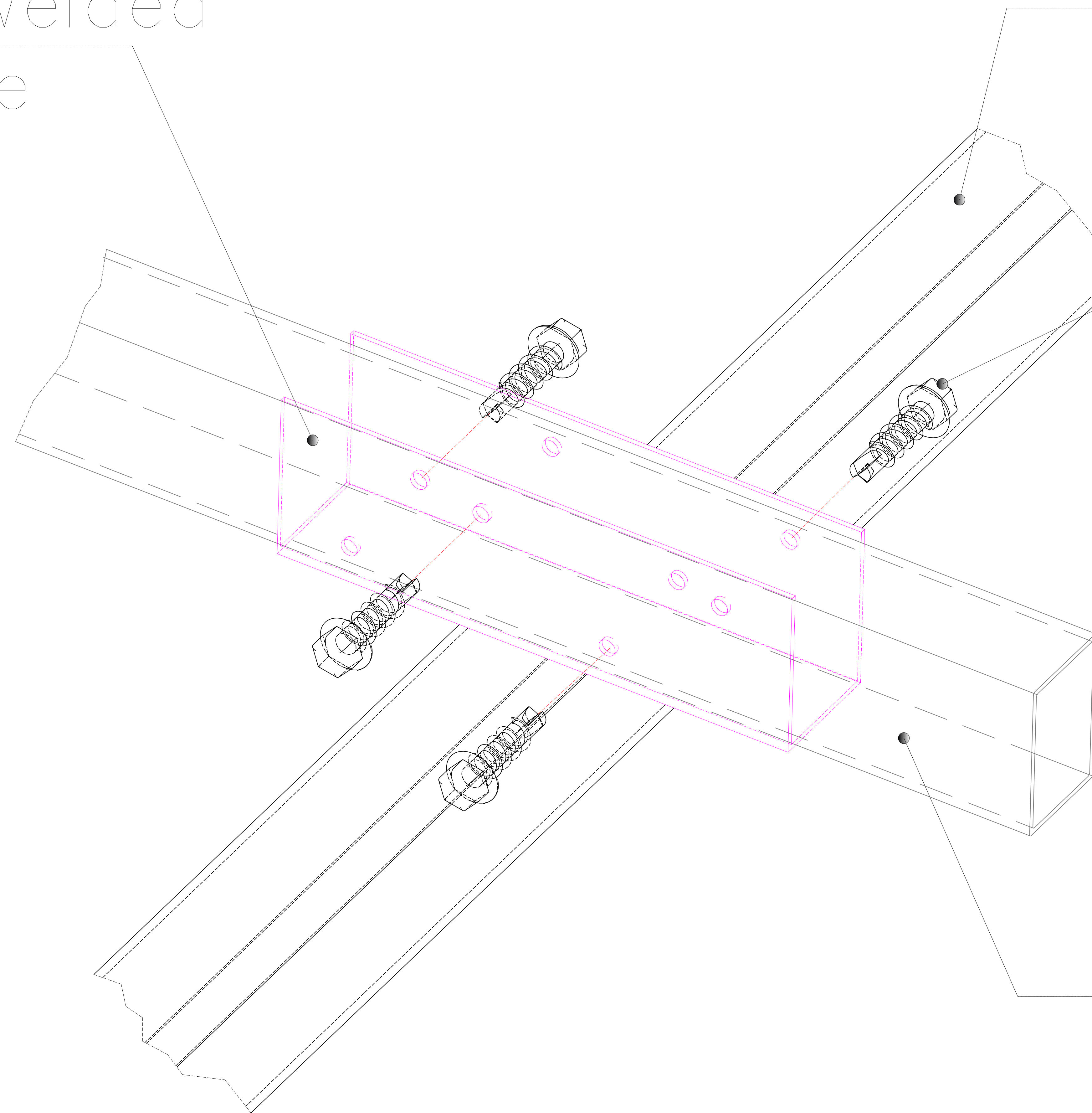
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DETAIL "C": FINAL POSITIONS

"U" profile welded to the frame

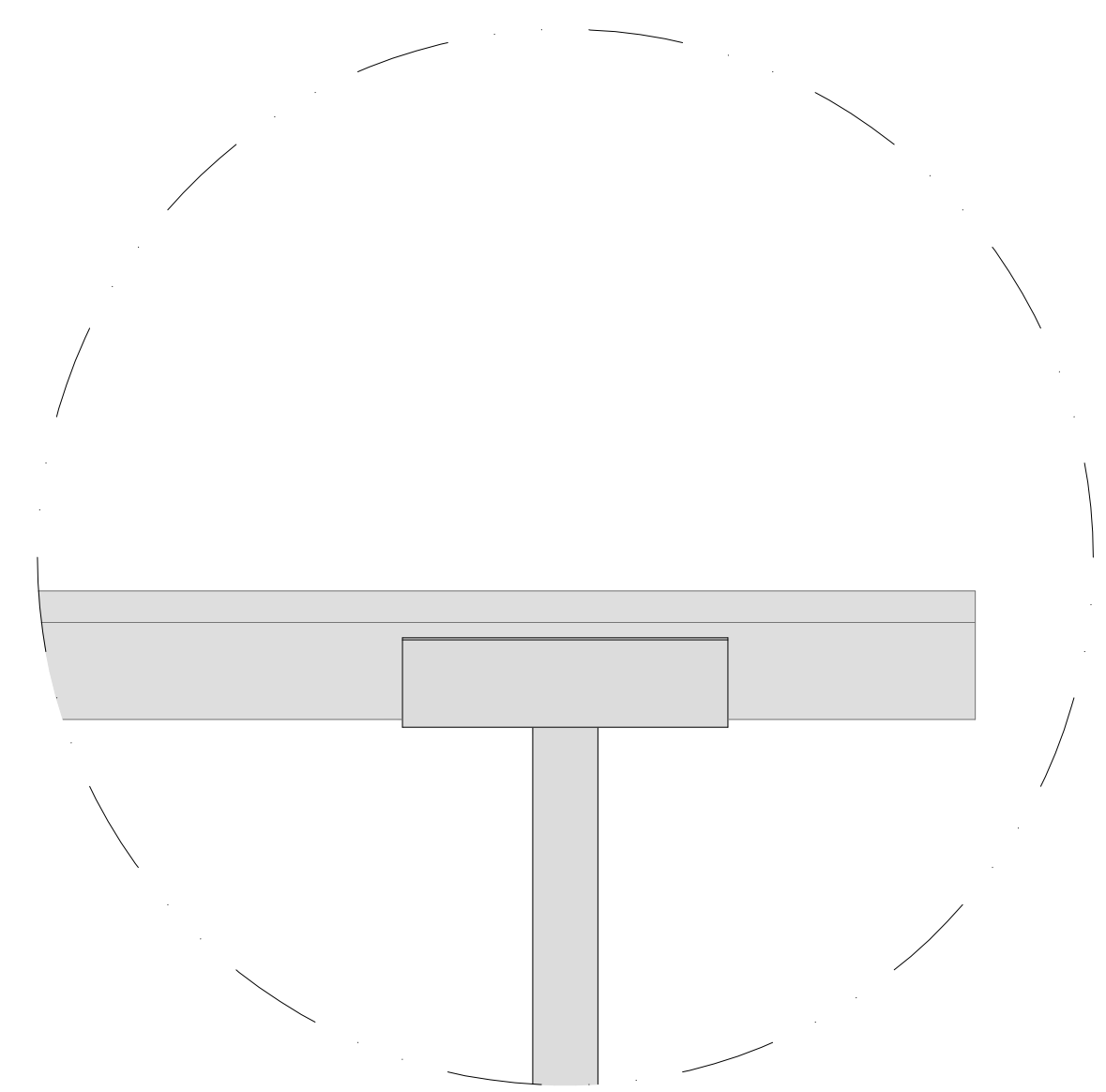
Frame RHS

4 x self-drilling screws



Purlin RHS

C



PERMITTED TIGHTENING TORQUE OF MAX 7-8 Nm.



SCREW GUN DRILL with DRIVE SHALLOW SOCKET size 10mm REQUIRED

NAME	DATE	Solar&Solar Stock_551.12kW	
DRAWN	S.J.	20/04/2021	
CHECKED			
TITLE			Fastening horizontal profiles to the frames.
SIZE	DWG N°:	8	REV
SCALE:	WEIGHT:	SHEET	



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