

Elios Terra G10
Ground Mount System
Installation Manual

Post



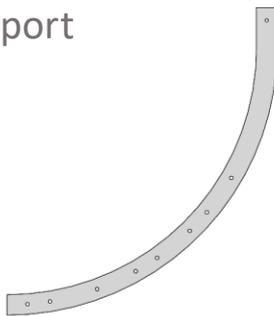
x3

Beam



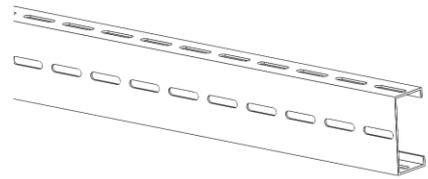
x3

Adjustable support



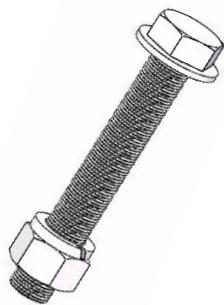
x6

Rail



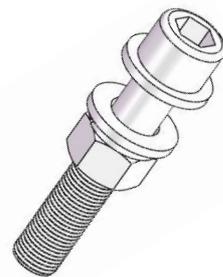
x8

M27*110mm Bolt



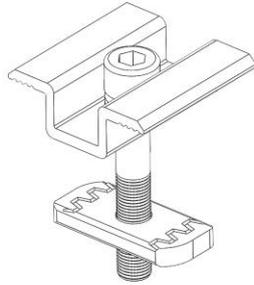
x3

M10*65mm Bolt



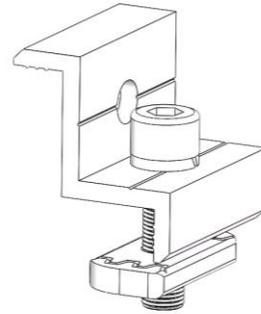
x18

Mid Clamp



x16

30/35mm End Clamp



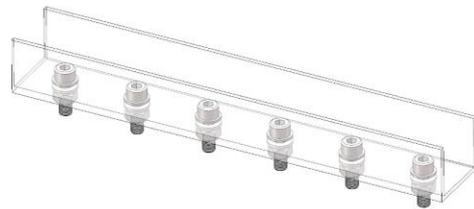
x8

Adjustable support connector



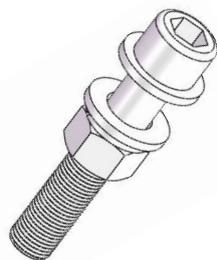
x6

Rail connector



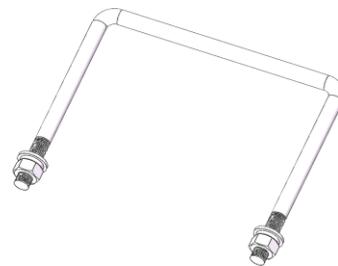
x4

M10*30mm Bolt



x12

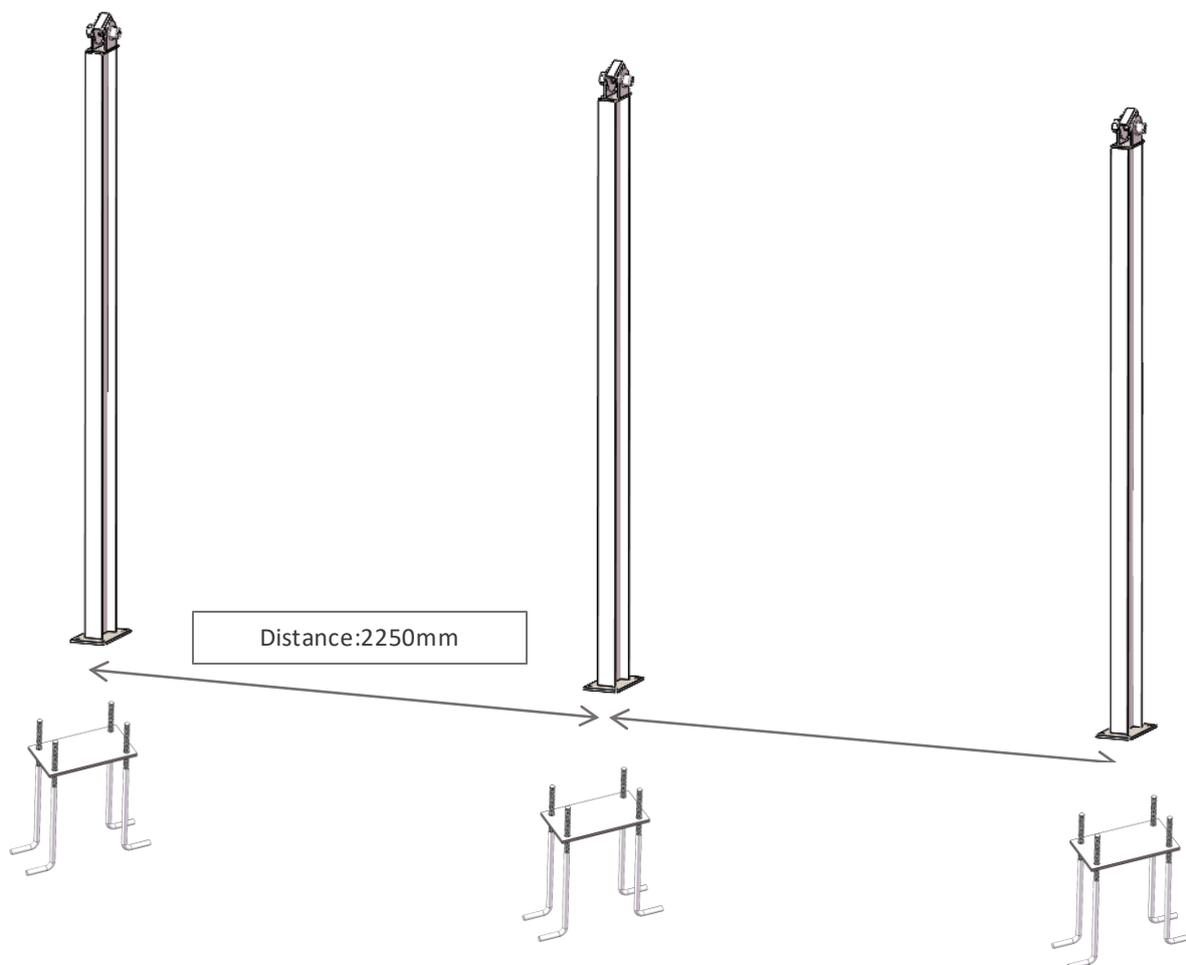
U Bolt



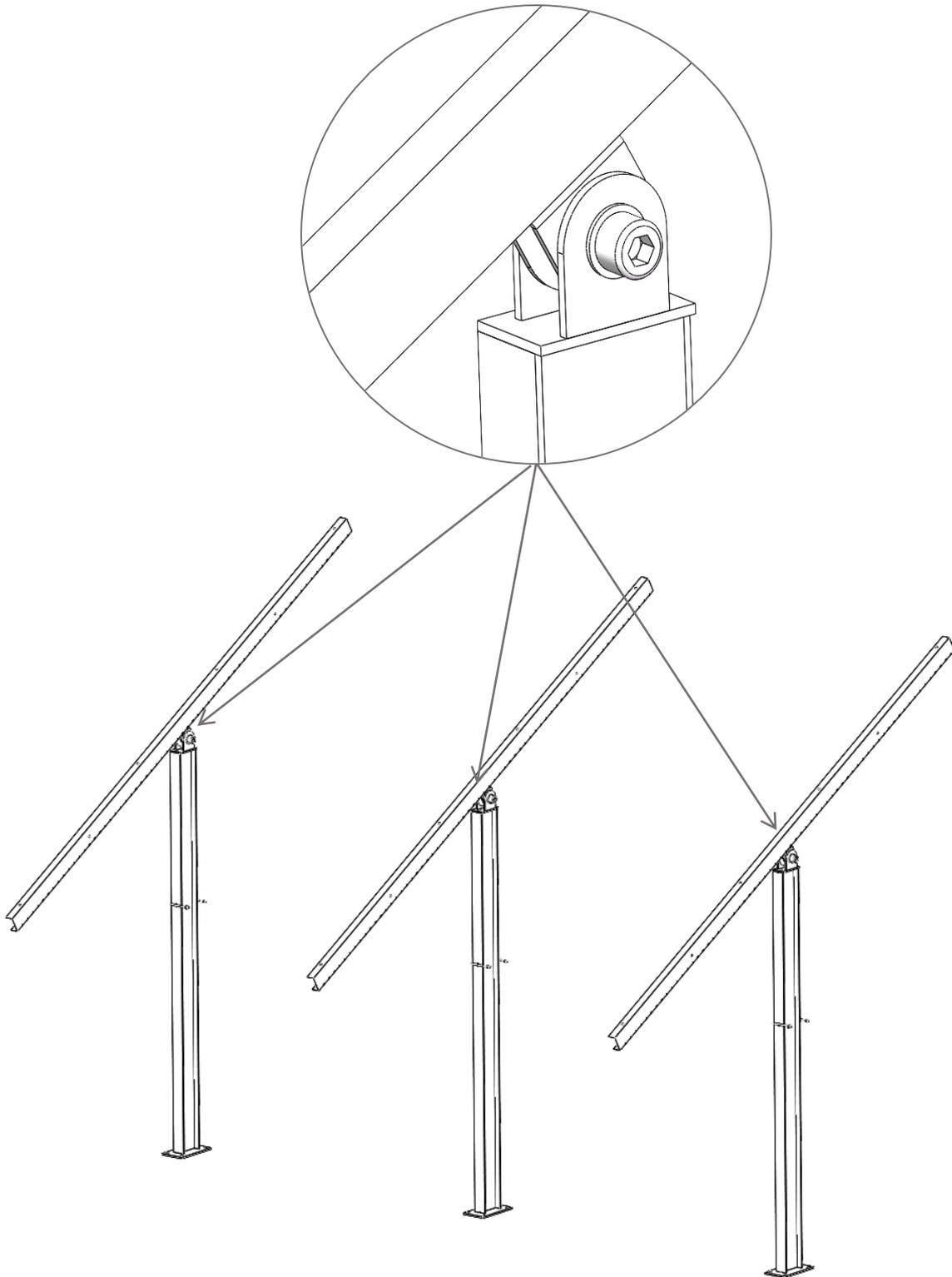
x3

Step1. Pre-buried the foundation bolts in cement blocks. The distance is 2250mm according to the drawing. And secure the posts to the foundation bolts.

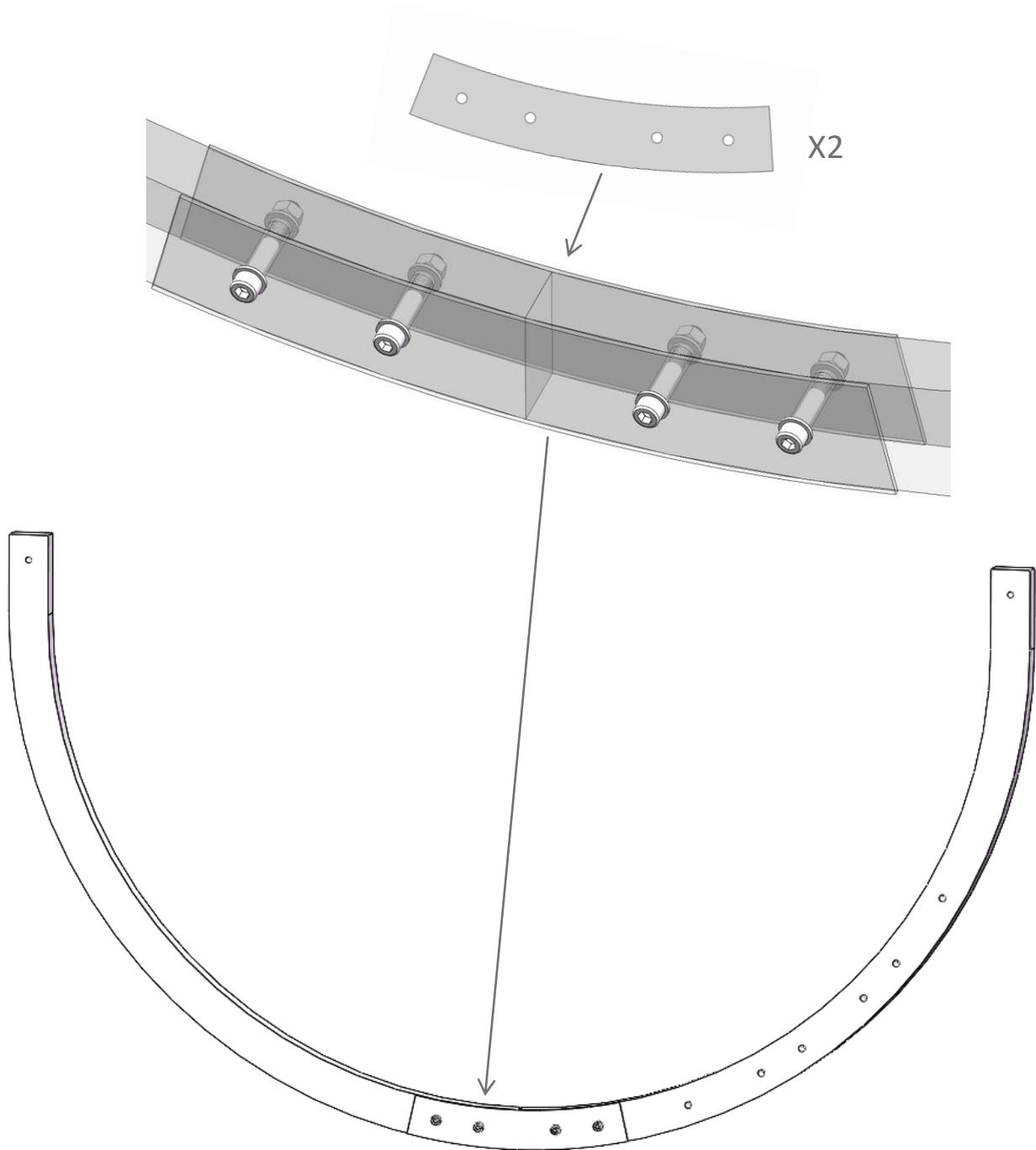
Recommended concrete base: L1800×W1800×H1500mm (5.91×5.91×4.92 ft), based on max wind speed 40m/s)



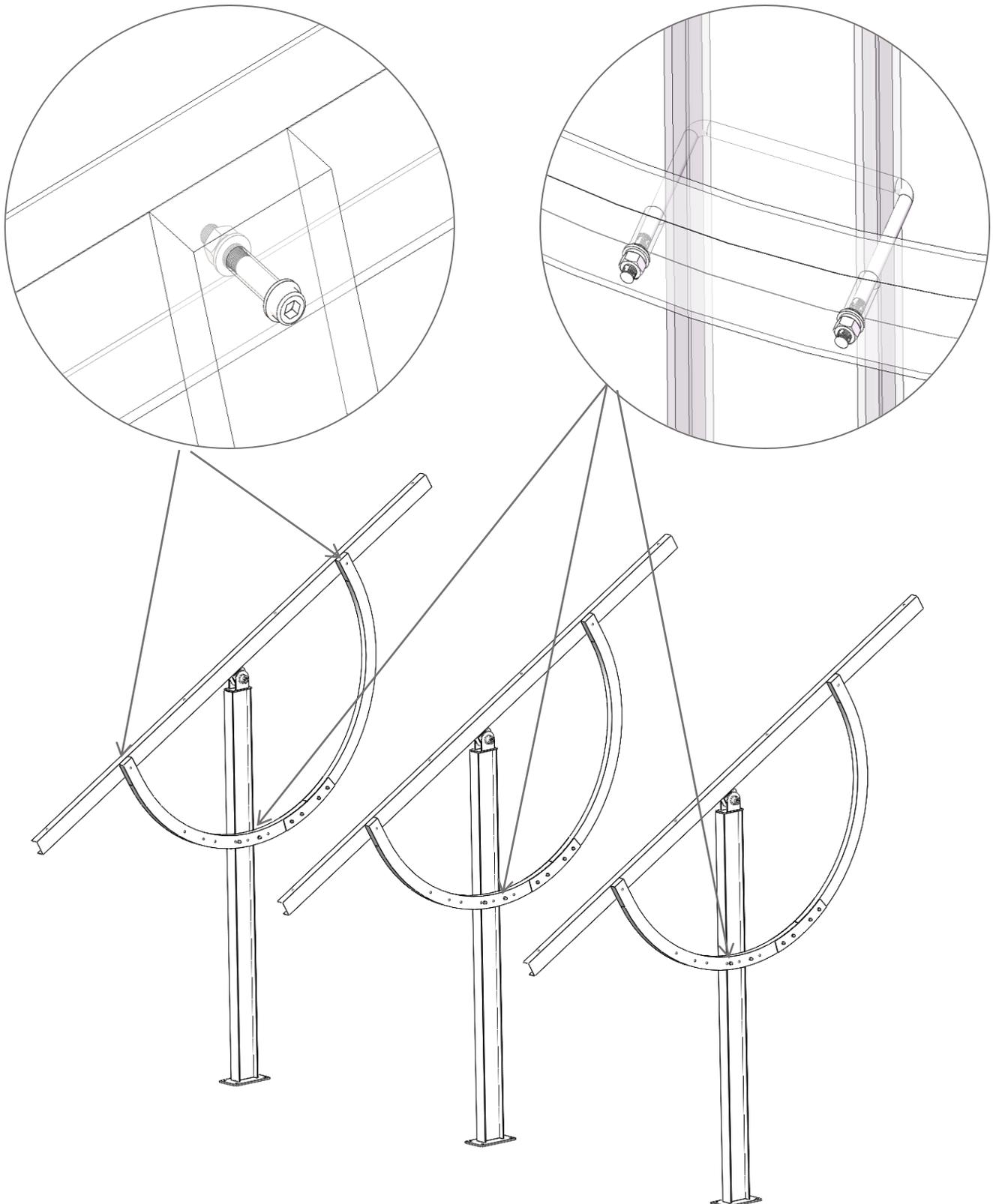
Step2. Secure the main beam to the post using an M27x110mm bolt.



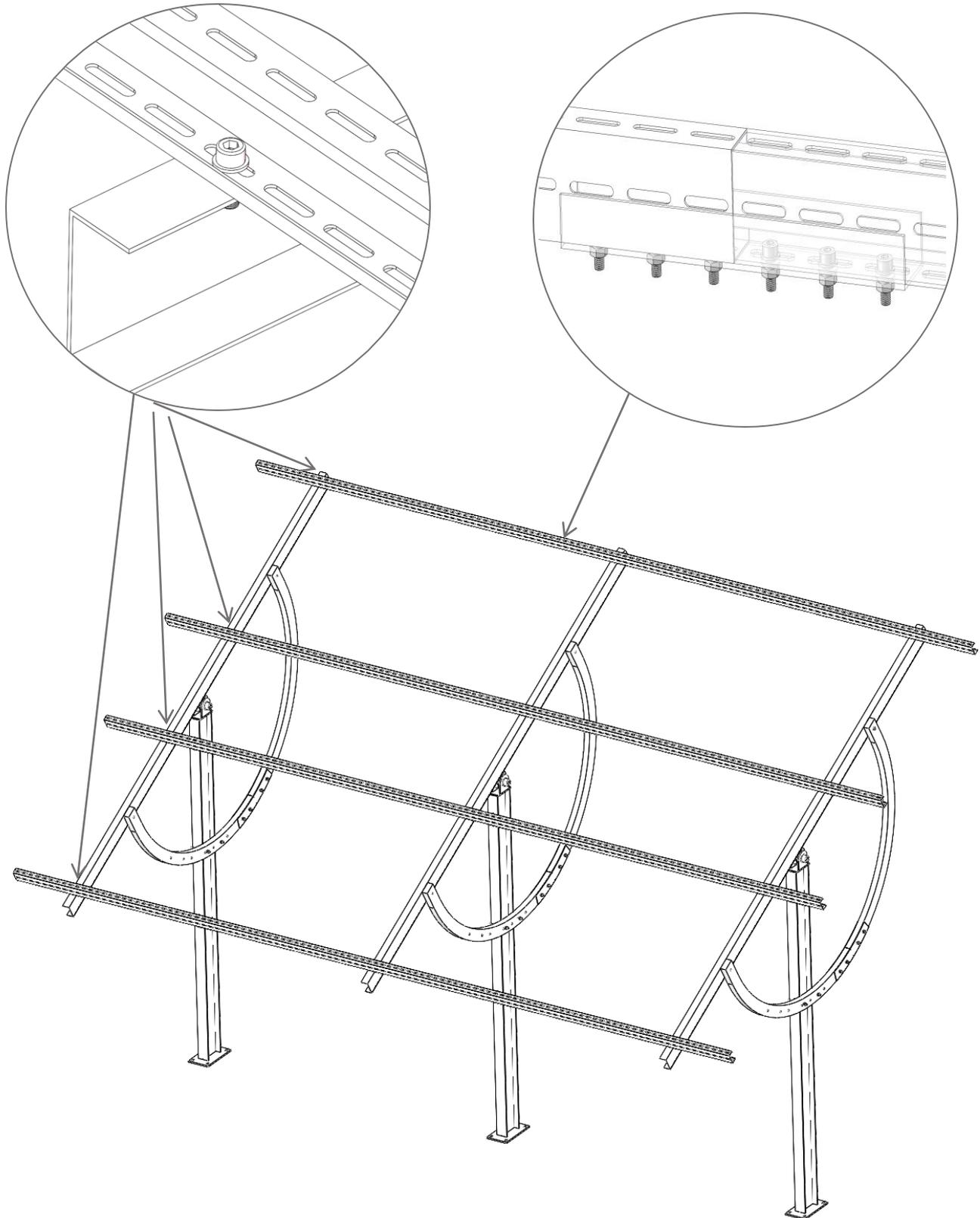
Step3. Connect 2 pieces of adjustable supports using 2 pieces of connectors with M10x65mm bolts.



Step4. Connect the adjustable supports to the main posts using M10x65mm bolt, and secure the supports using U bolts after adjusting them to the suitable angles.



Step 5. Secure the rails to the beam using M10x30mm bolts, and connect the rails using rail connectors.



Step 6. Secure the solar panels on the beams using mid clamps and end clamps.

