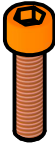
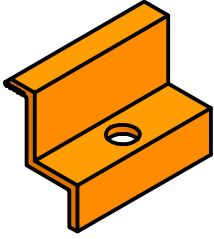
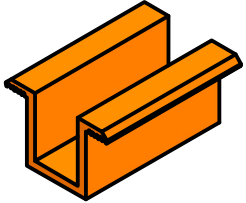
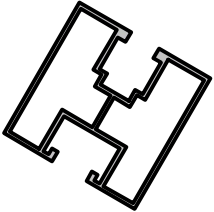
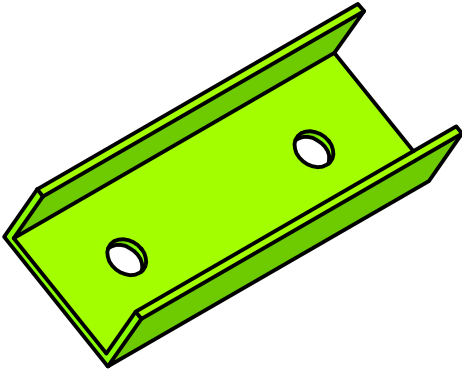
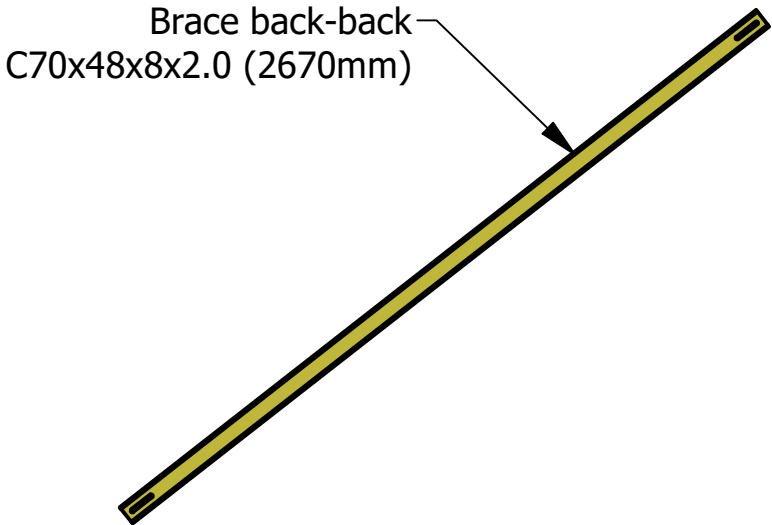
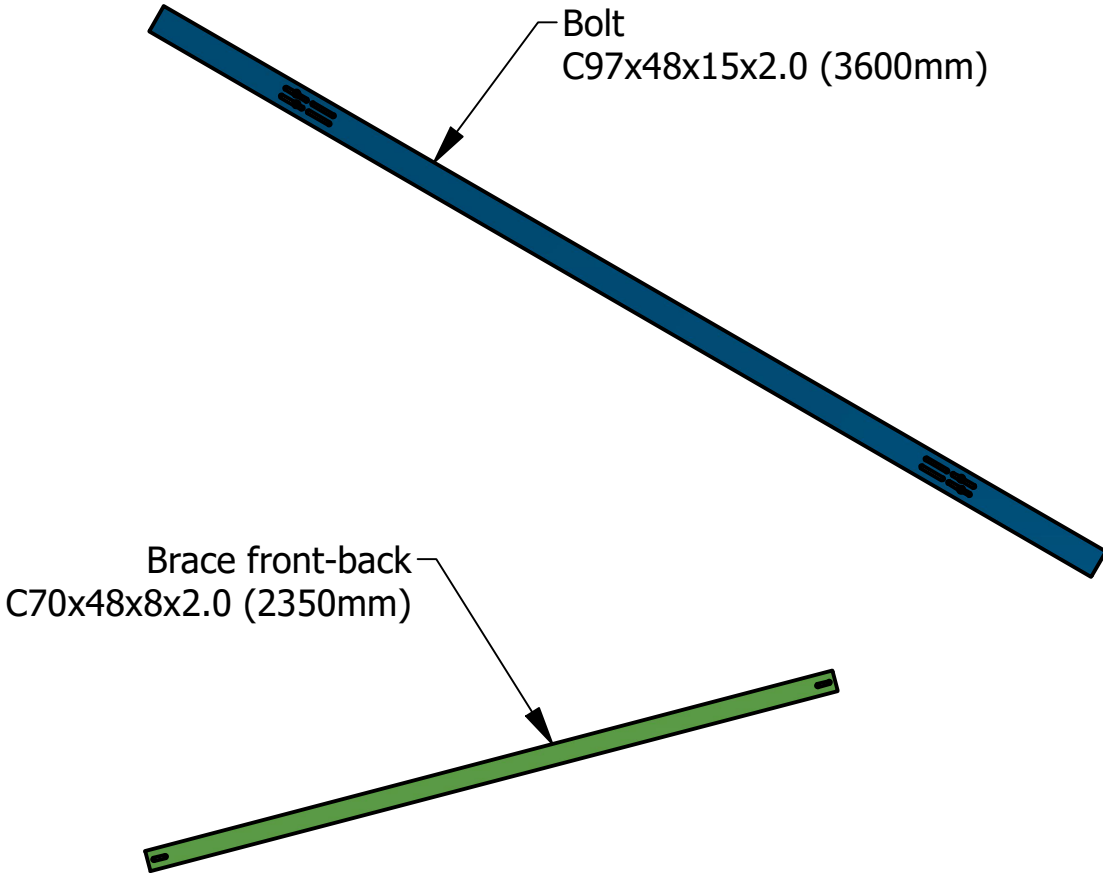
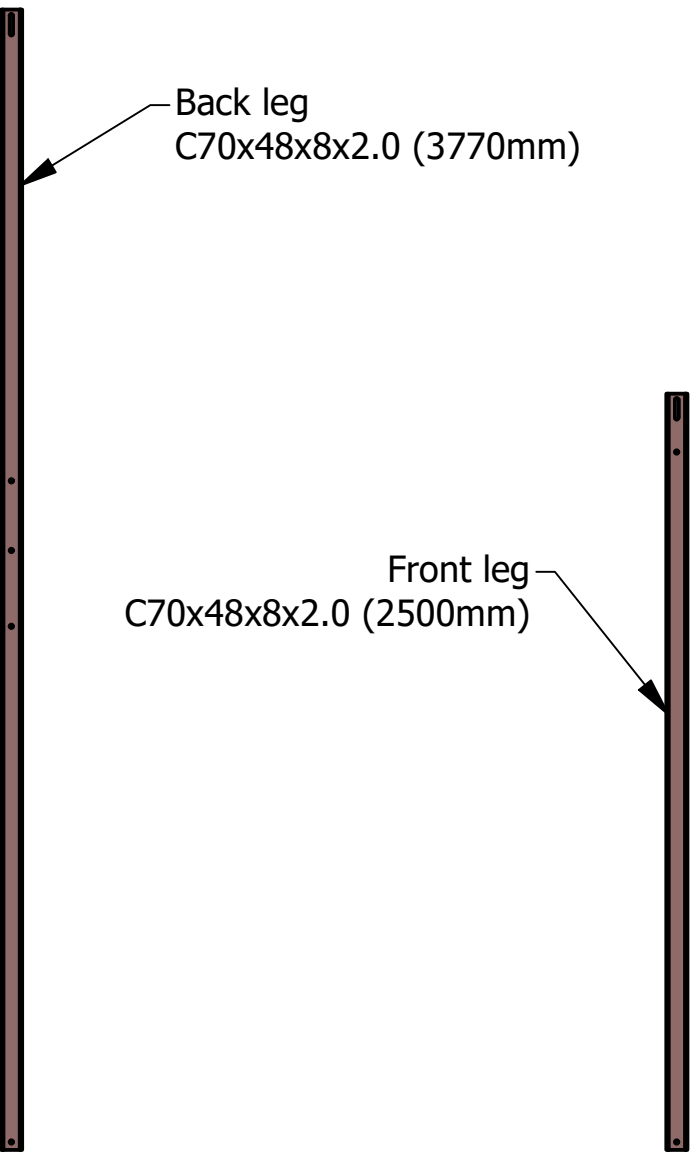


Installation instructions for ground structure for laying 2 panels vertically



Connector C120

Mounting profile
40x40

Center
clamp

End
clamp

Allen screw
M8x25

Hexagonal screw
M10x20

Hexagon nut
M10

Aluminium
inlet

1

Mark out points on the ground where the brackets will be driven into.

While hammering, keep the brackets vertical.

When inserting the element, remember not to hit it directly. It is necessary to use a spacer.

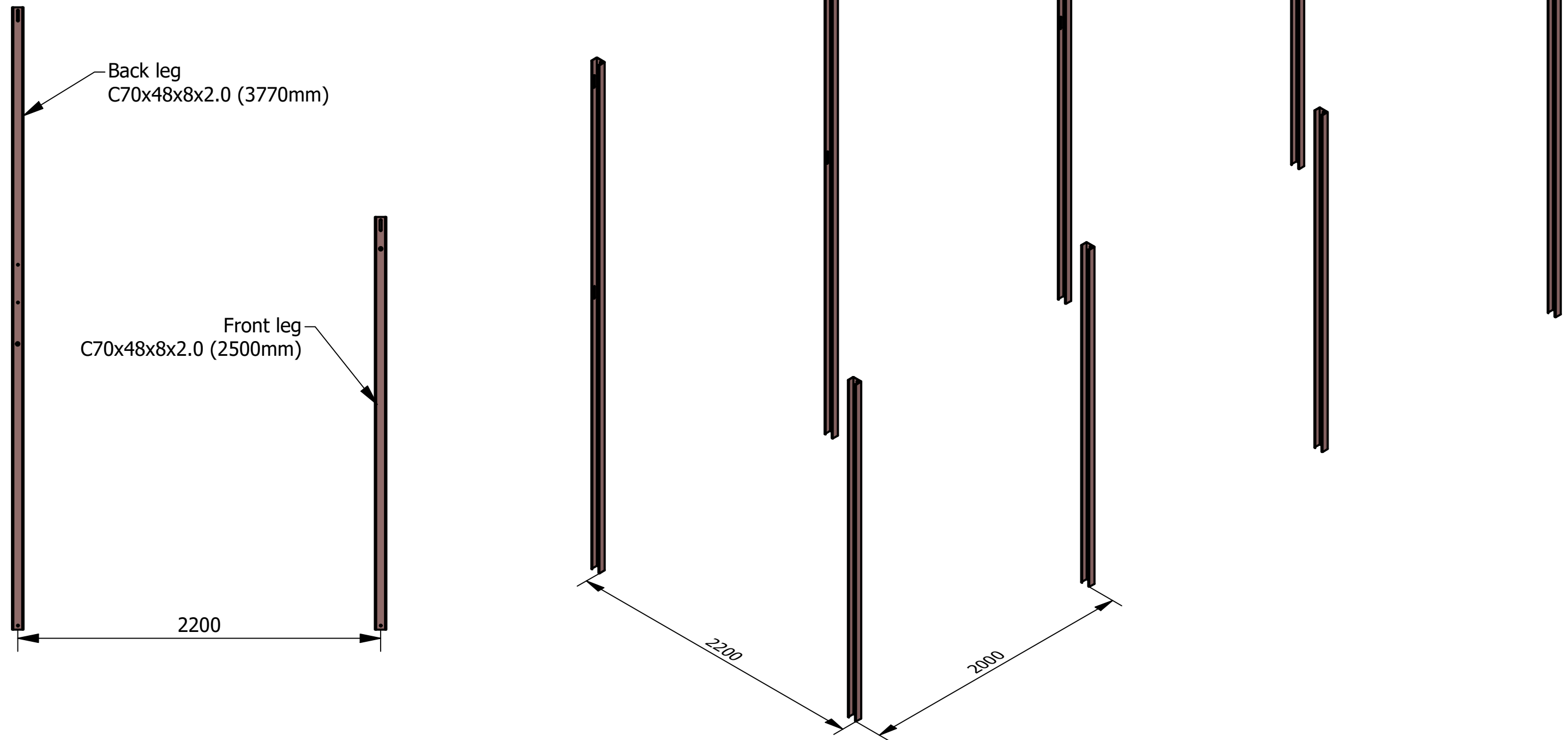
Drive the front leg to a depth of 1500mm.

Drive the rear leg to a length of:

1500mm - maintaining an angle of 30° ,

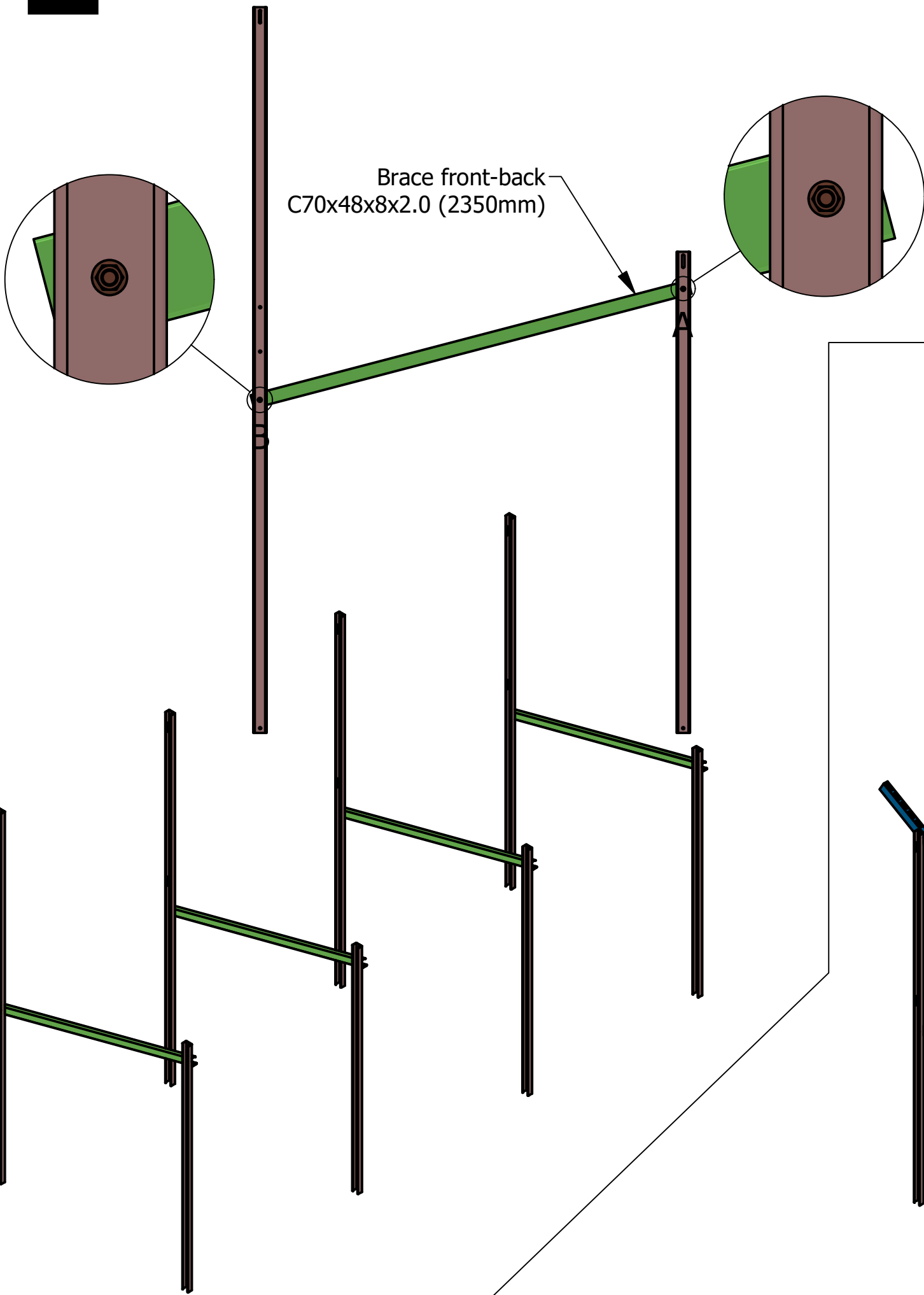
1750mm - maintaining an angle of 25° ,

2000mm - maintaining an angle of 20° .



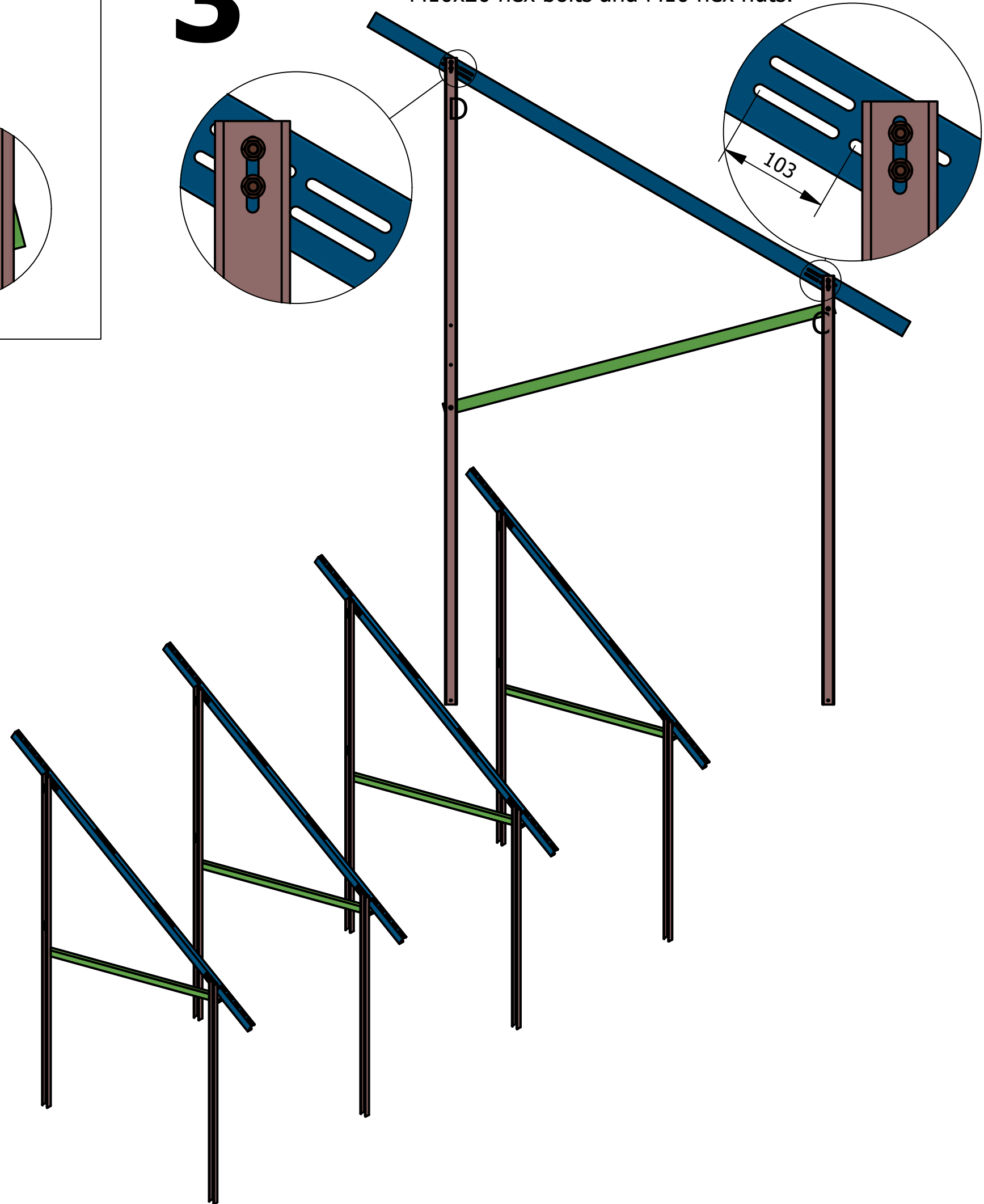
2

Installation of the stipulator with M10x20 hex bolts and M10 hex nuts.



3

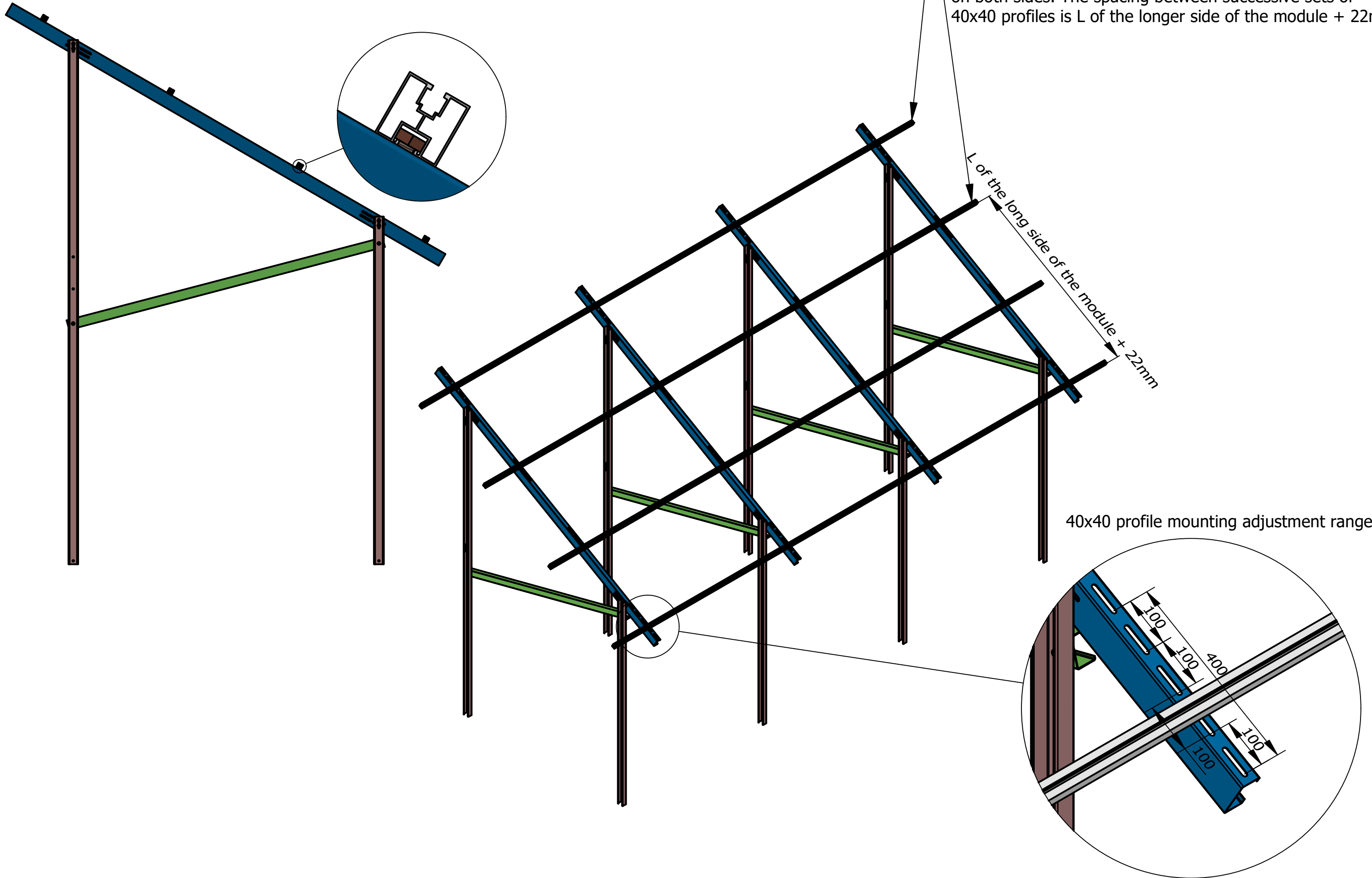
The brace is attached to the legs using M10x20 hex bolts and M10 hex nuts.



4

After stable installation of transoms to the legs, we proceed to the installation of purlins (40x40 mounting profile), on which the modules will be mounted photovoltaic modules. We connect the two profiles to each other using M10x20 hex bolts and M10 hex nuts.

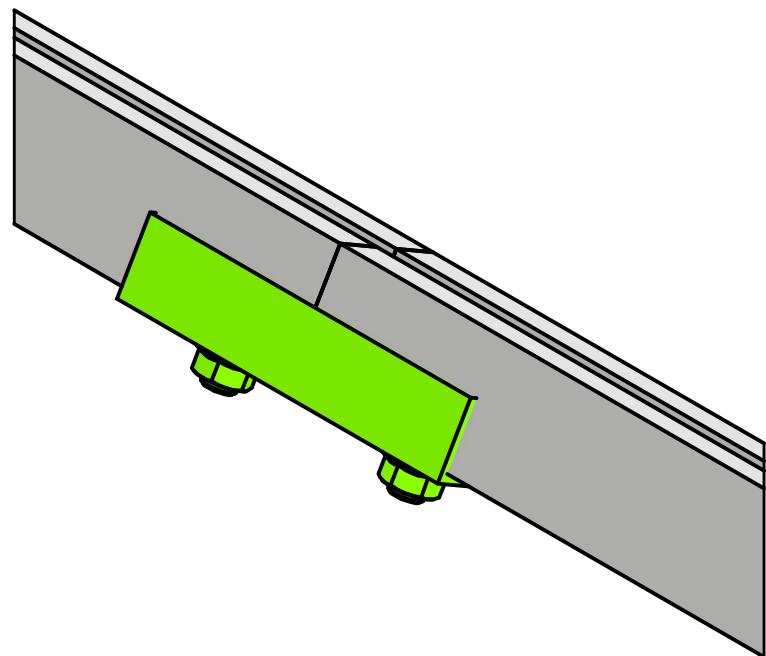
A set of 40x40 mounting profiles per 1 panel must be attached to the transom in such a way that after mounting the panel on them are located within 1/4 of the length of the longer side of the panel on both sides. The spacing between successive sets of 40x40 profiles is L of the longer side of the module + 22mm



40x40 profile mounting adjustment range

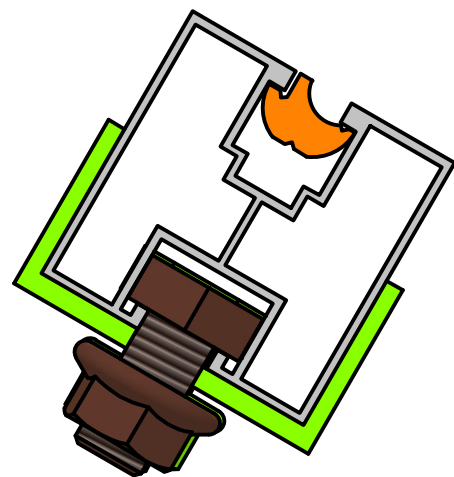
5

Two 40x40 mounting profiles are connected to each other using C120 connectors, M10x20 hex bolts and M10 hex nuts.

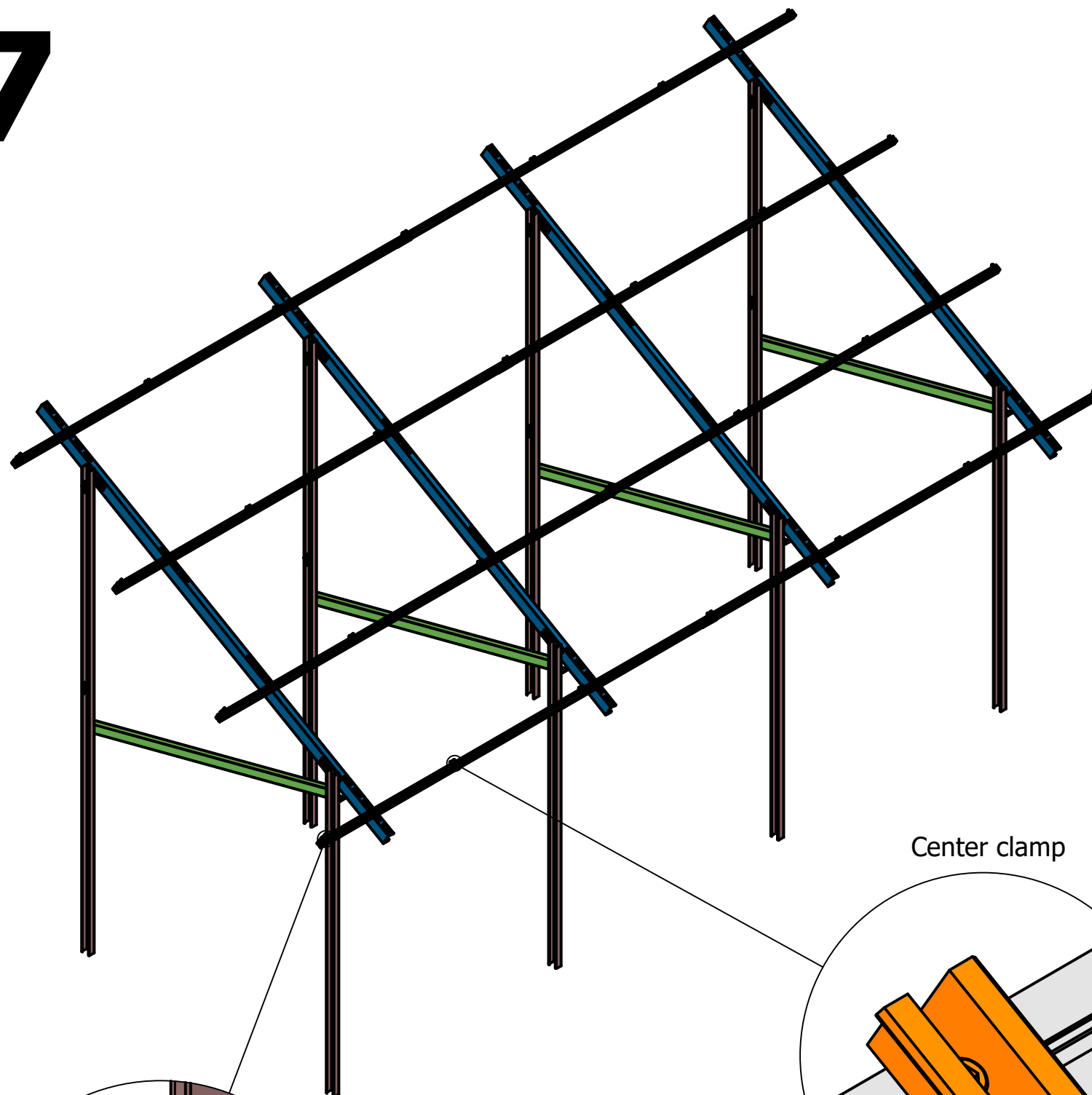


6

We place in 40x40 mounting profiles aluminum inlet



7



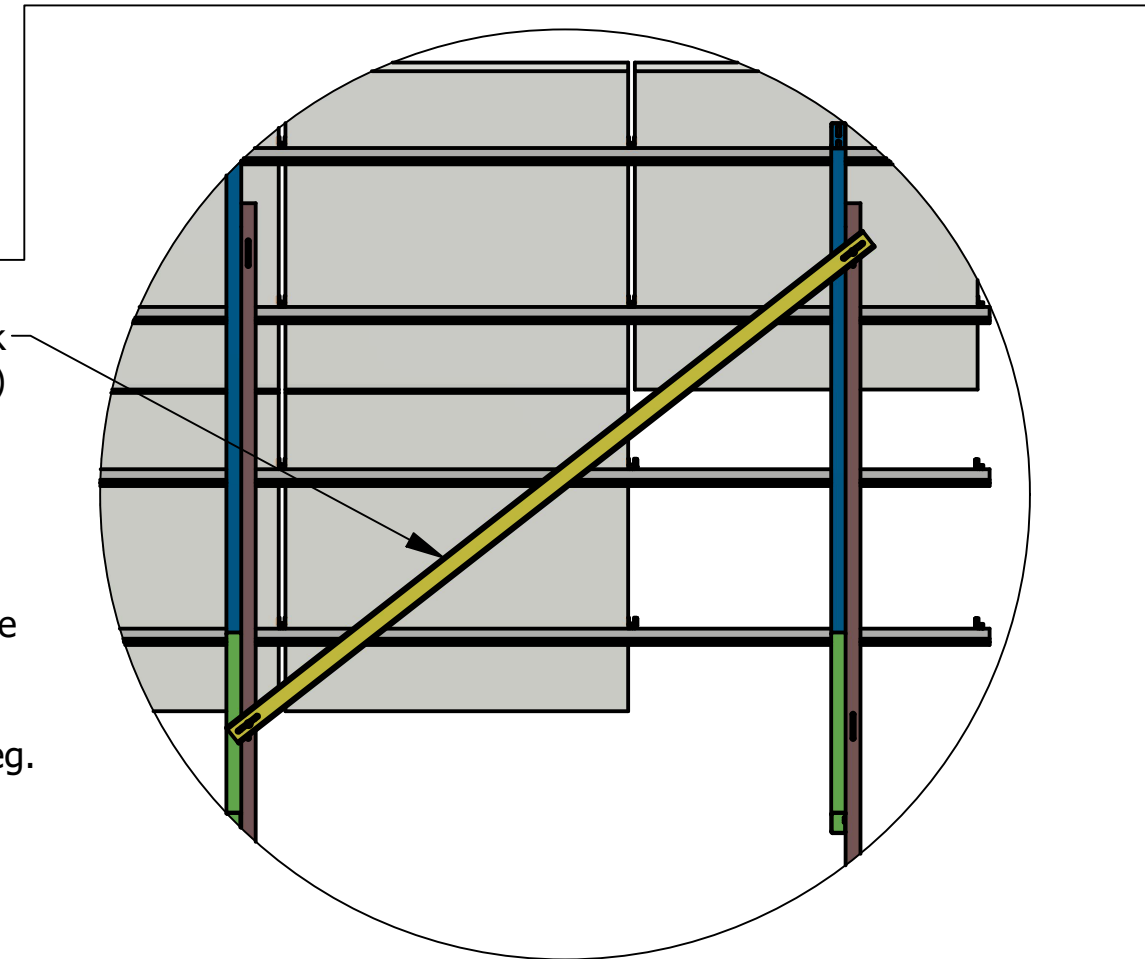
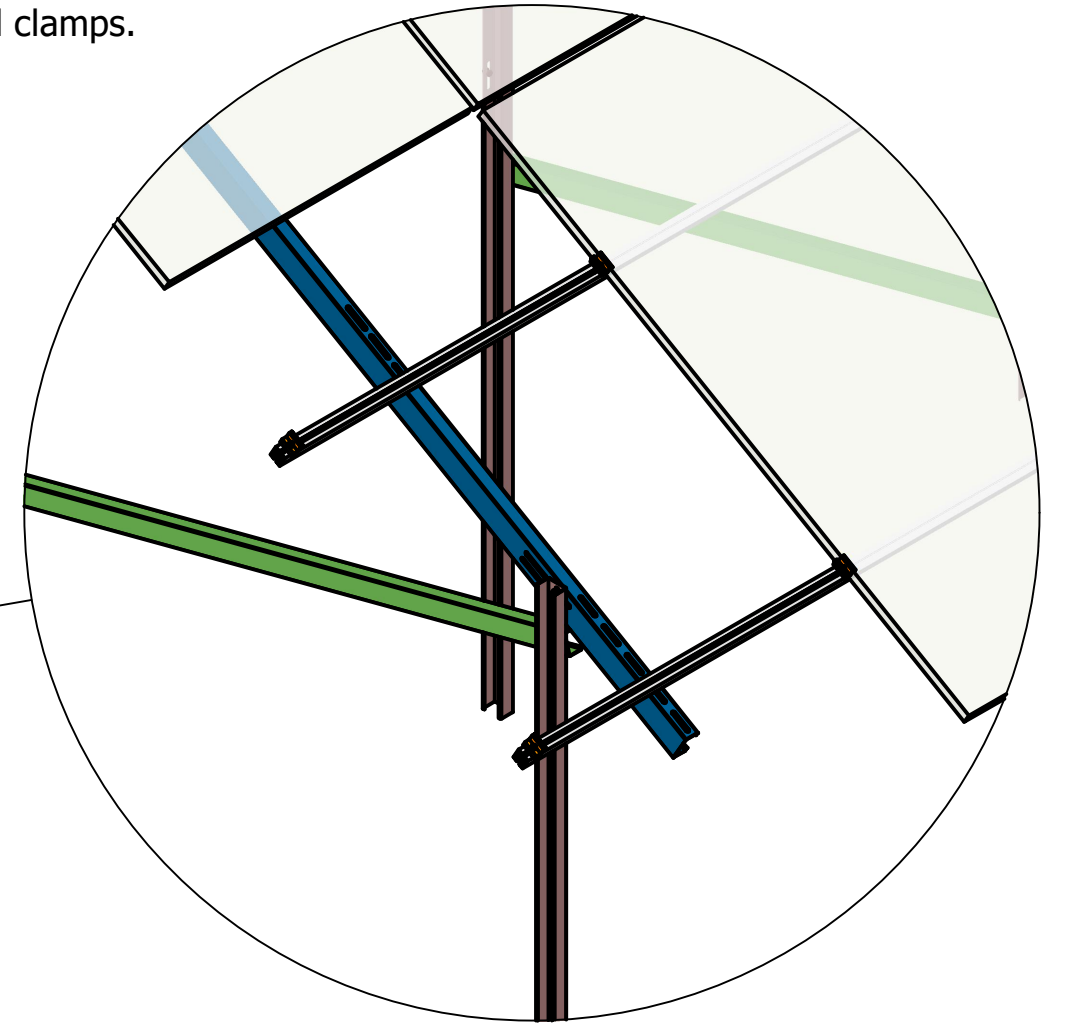
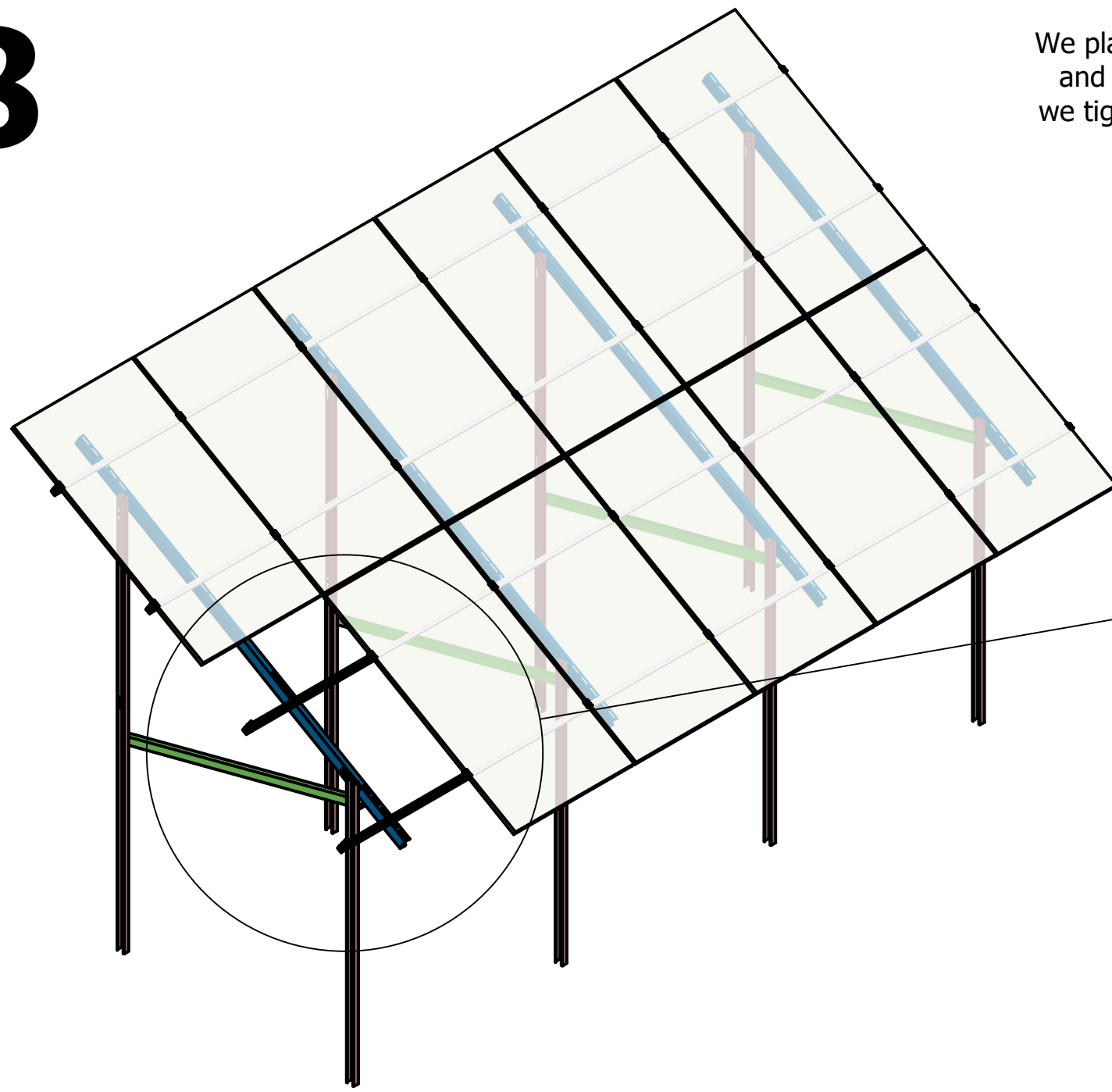
Center clamp

End clamp

Using M8x25 allen screws lightly fasten the clamps to the purlin. The clamps must not be over-tightened due to the need to adjust the modules.

8

We place the modules on the structure and after positioning them correctly we tighten the middle and end clamps.



Brace back-back
C70x48x8x2.0 (2670mm)

Mounting of the back-to-back brace
Using M10x20 hexagon bolts
and M10 flange nuts.
Mounting of the brace every sixth leg.

9

