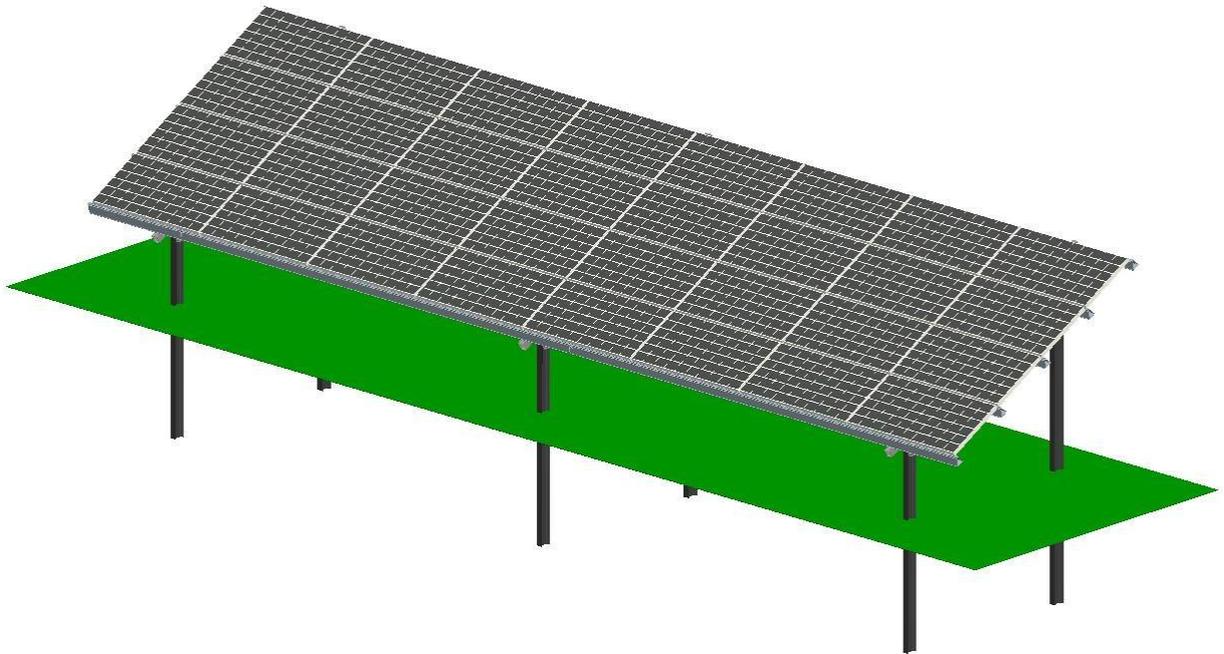




DPAL Mount Installation Manual



DPAL Mount is an open terrain system whose design and configuration has been carefully calculated and strictly tested. Different from our DPAS system which utilizes a concrete foundation, the DPAL system uses foundation posts that are driven into the ground. The snow load and wind load are maximized with the DPAL mount. All materials of the DPAL mount are made of aluminum except the foundation posts. Aluminum makes the system lighter and saves transportation costs.

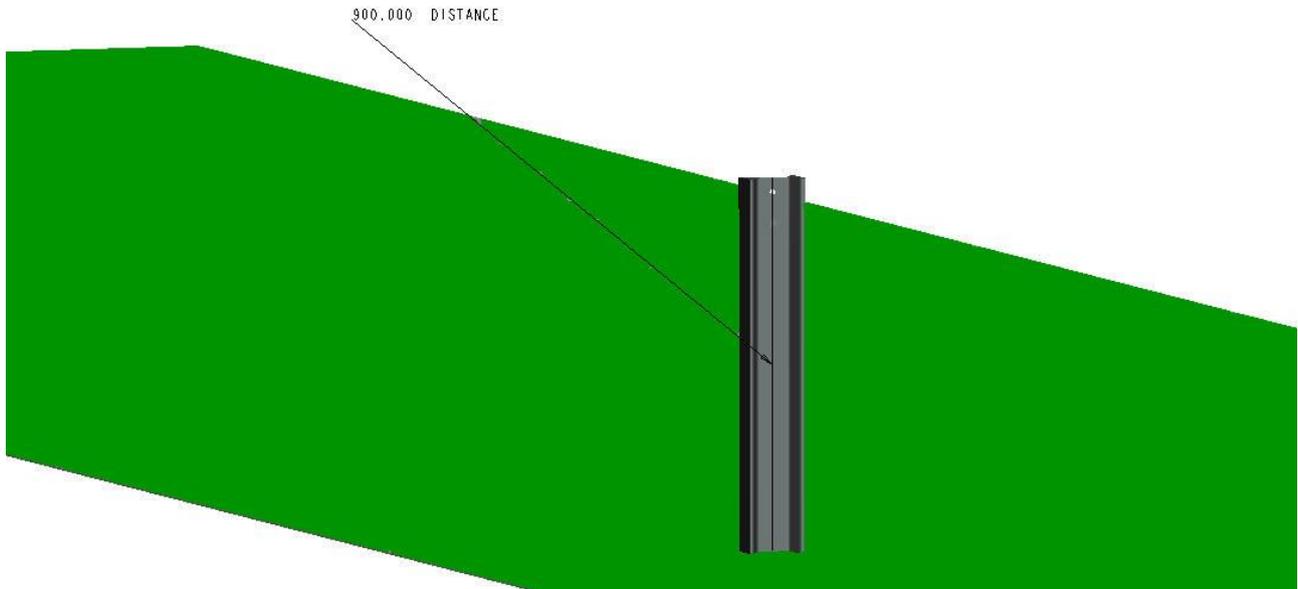
Features and Benefits

*Utilization of prismatic bolts eliminates the limitation of installing solar modules. The fastening points of the prismatic bolt can be chosen at any location on the girder by inserting it into the groove of the girder and turning it.

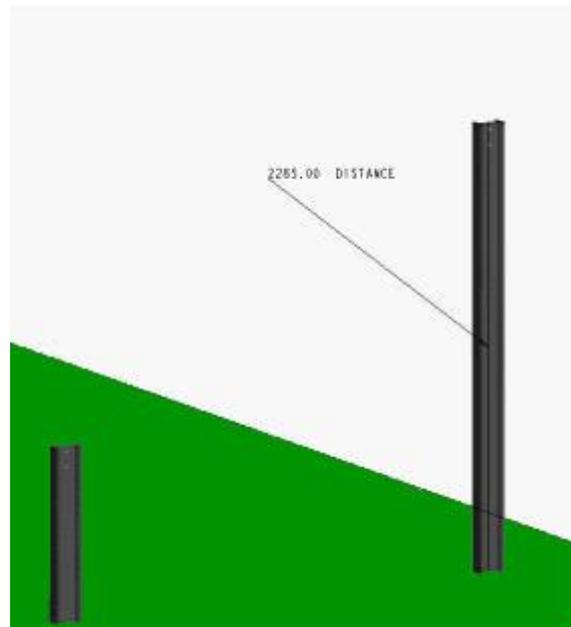
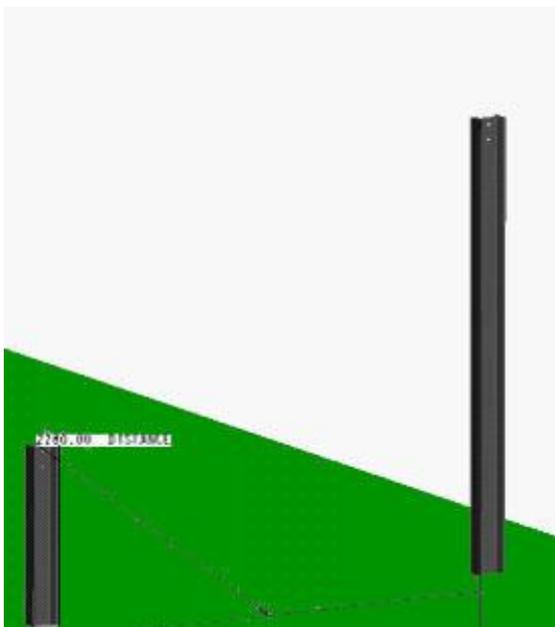
* Foundation posts ensure an increased snow and wind load.

* Made of aluminum allowing the mount to be lighter and more economical

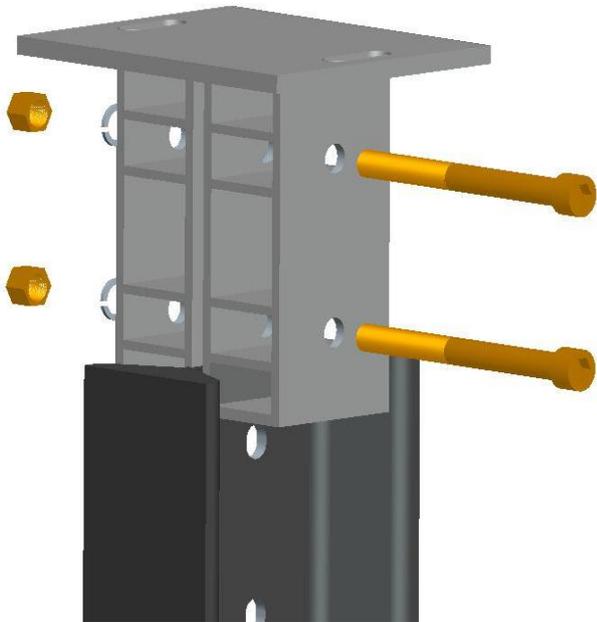
Installation procedures



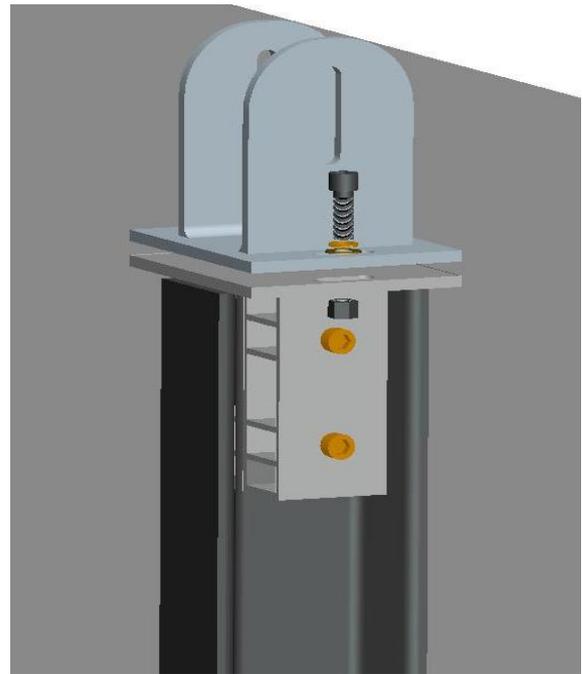
1. Install foundation posts. Due to varying terrains and environmental conditions, the installation procedures may differ. The south foundation post should be 900mm out of the ground.



2. Drive the north foundation post into the ground, 2280mm from the south foundation post. The north foundation post should be 2285mm out of the ground.

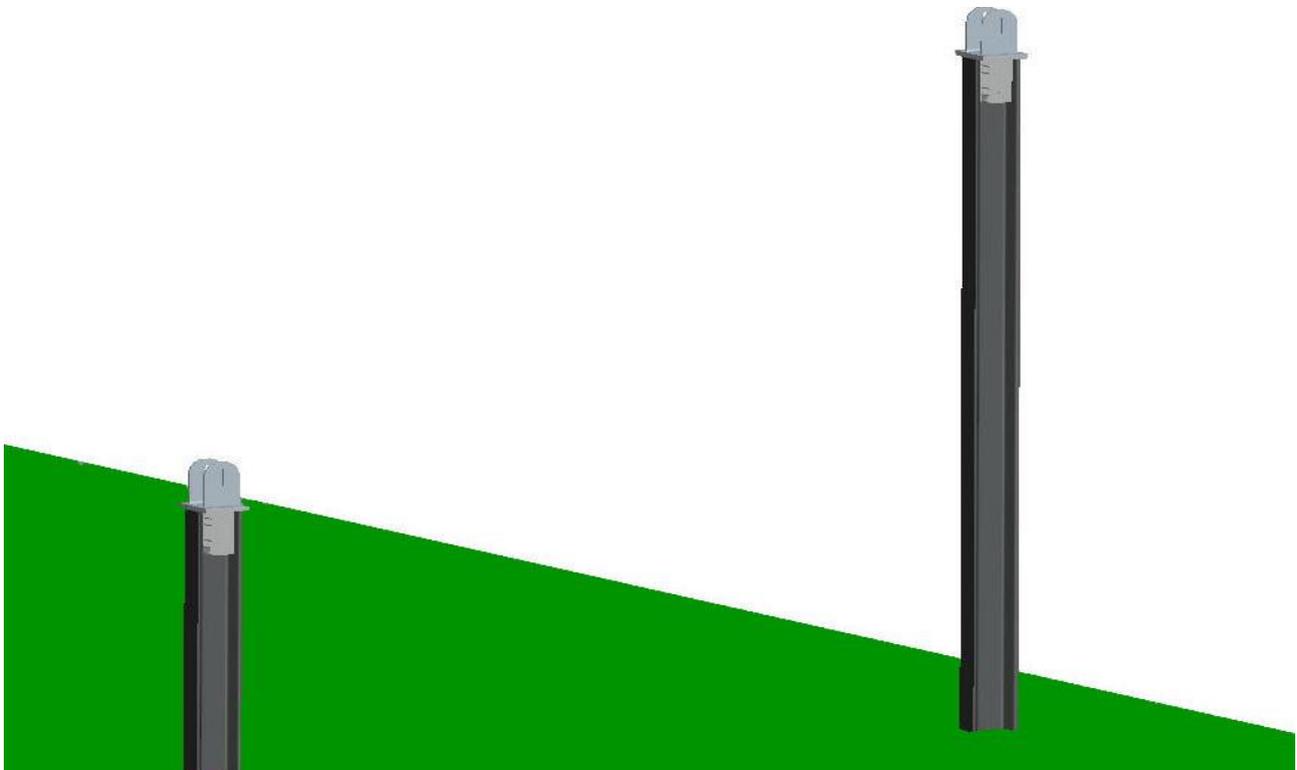


(3.1)

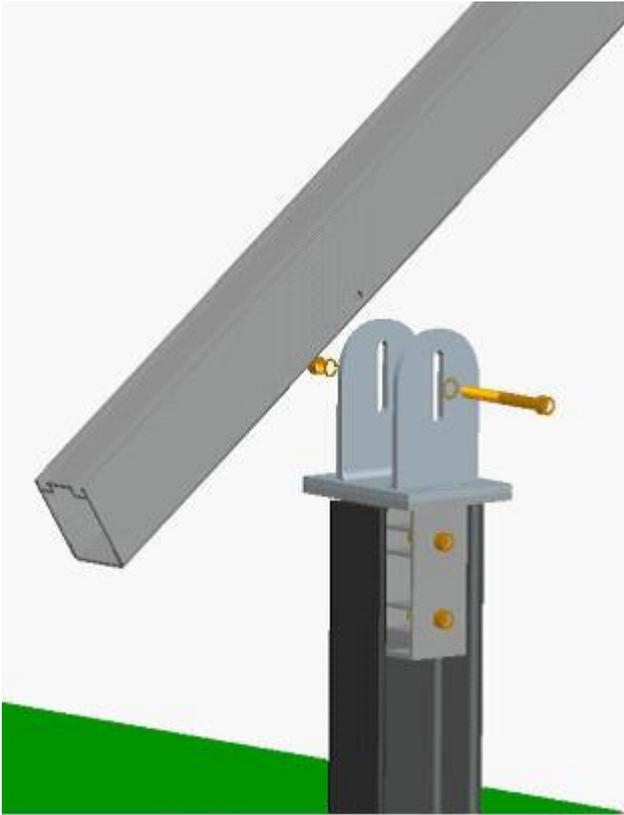


(3.2)

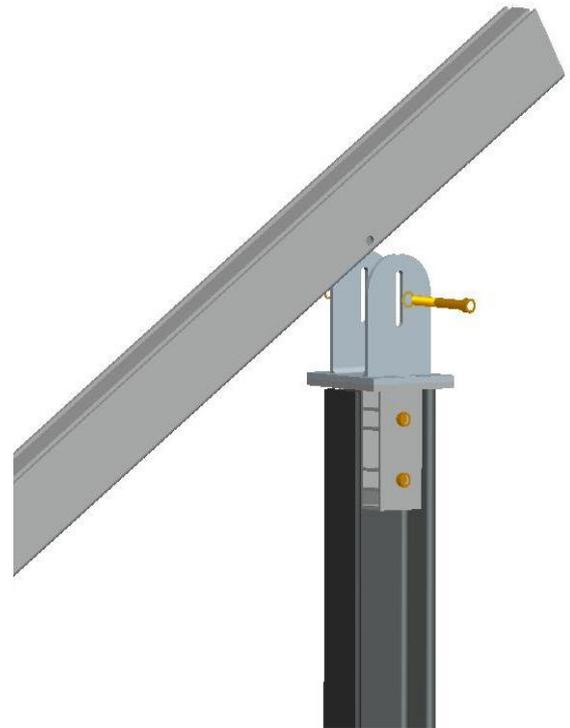
3. Place the base console onto the top of the foundation post and fasten it (3.1). Put the head piece on the base console and fasten it with bolts (3.2).



4. Repeat the above steps to install the base consoles and head pieces on both the south post and north post.

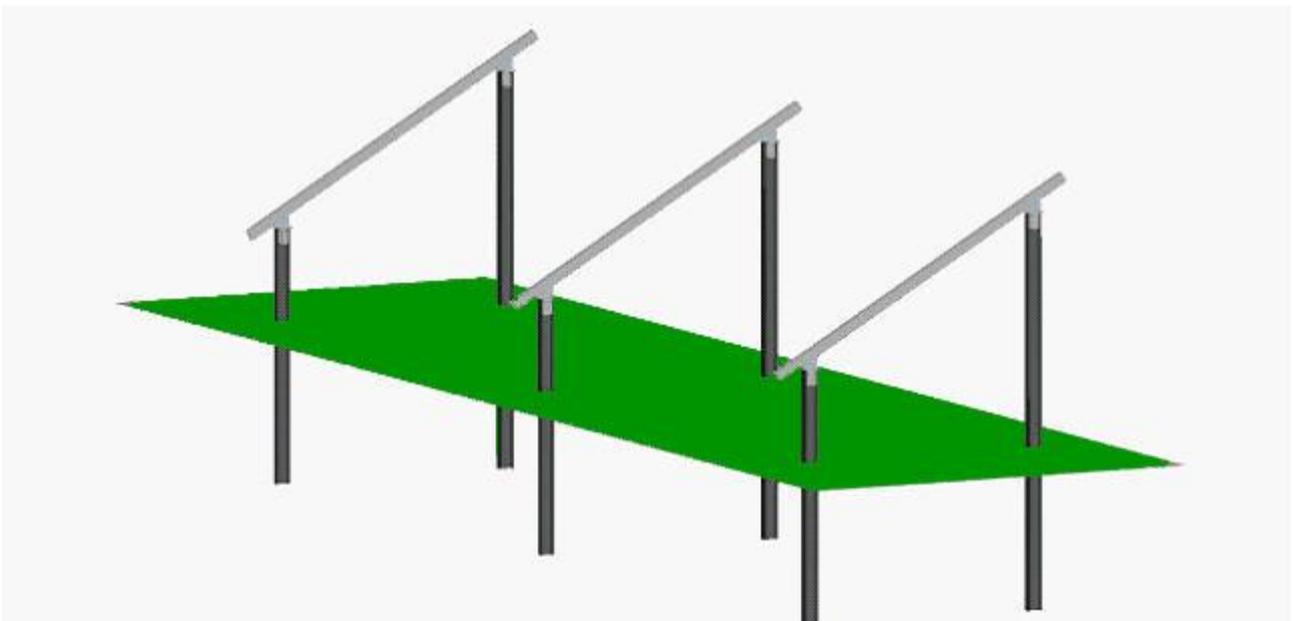


(5.1)

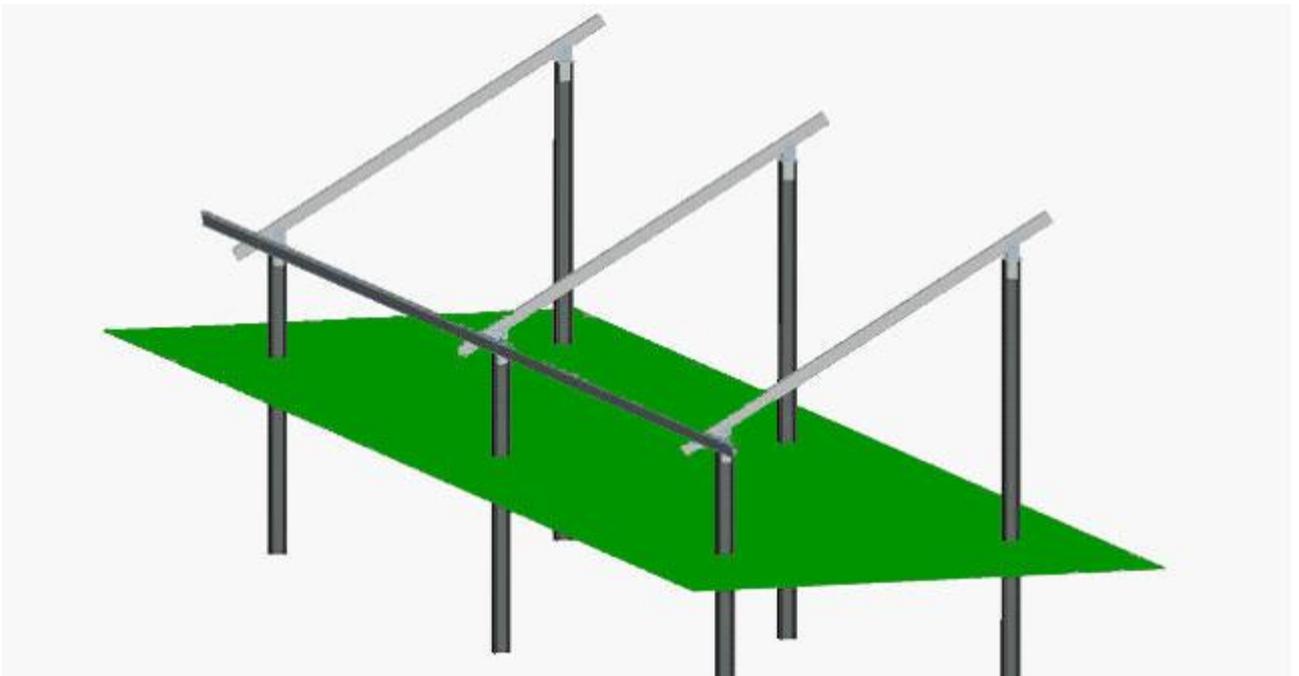
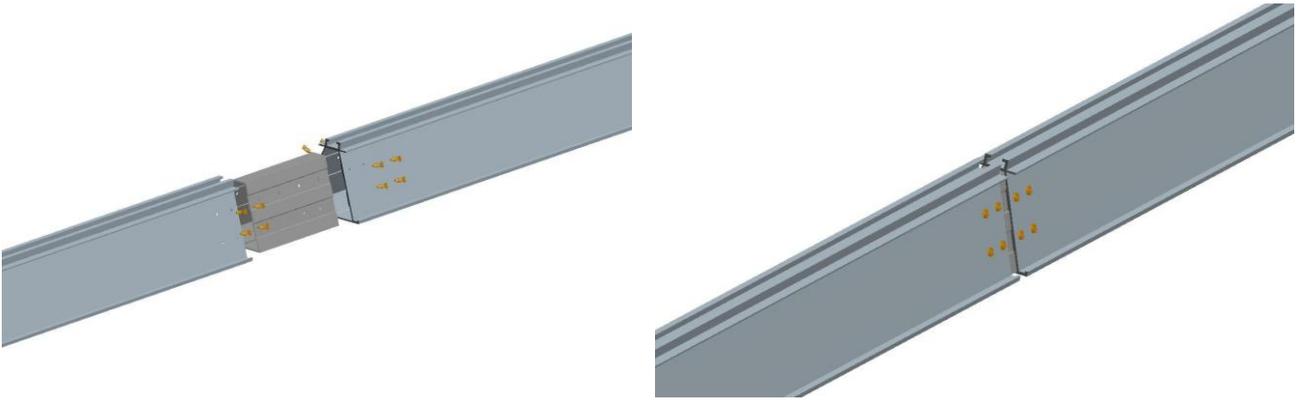


(5.2)

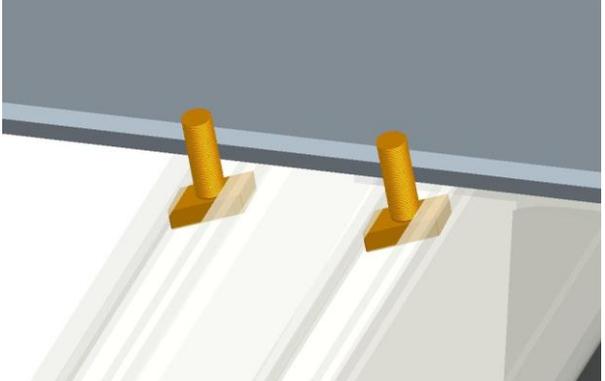
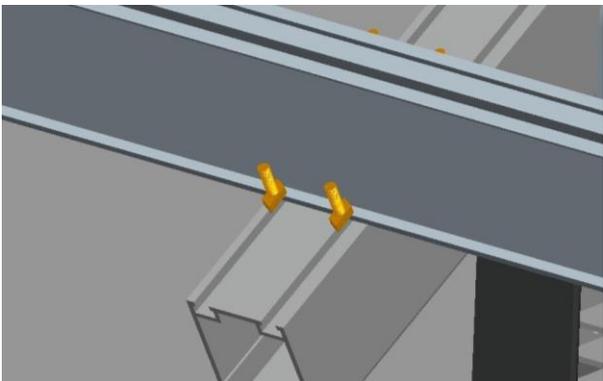
5. Fasten a girder onto the clamp of the head piece of the south foundation post (5.1) and the north foundation post (5.2).



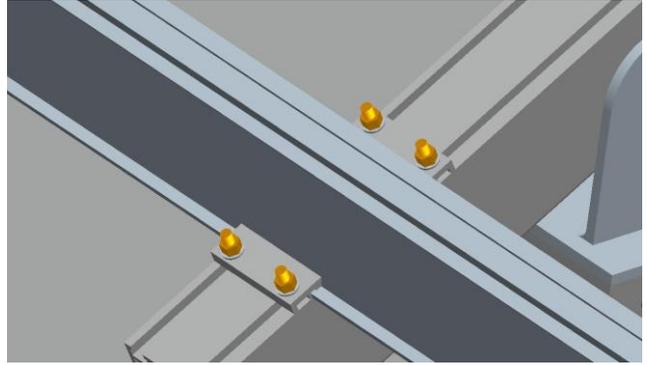
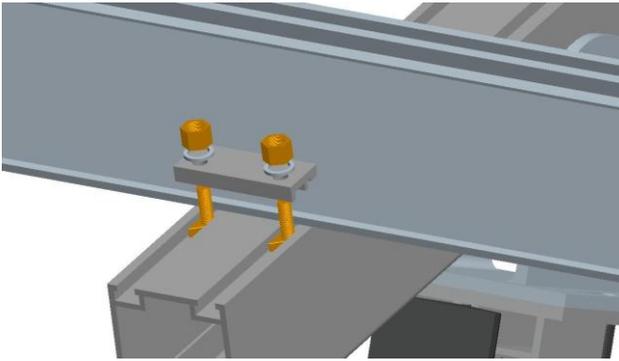
6. Repeat the above steps to install the other foundation posts.



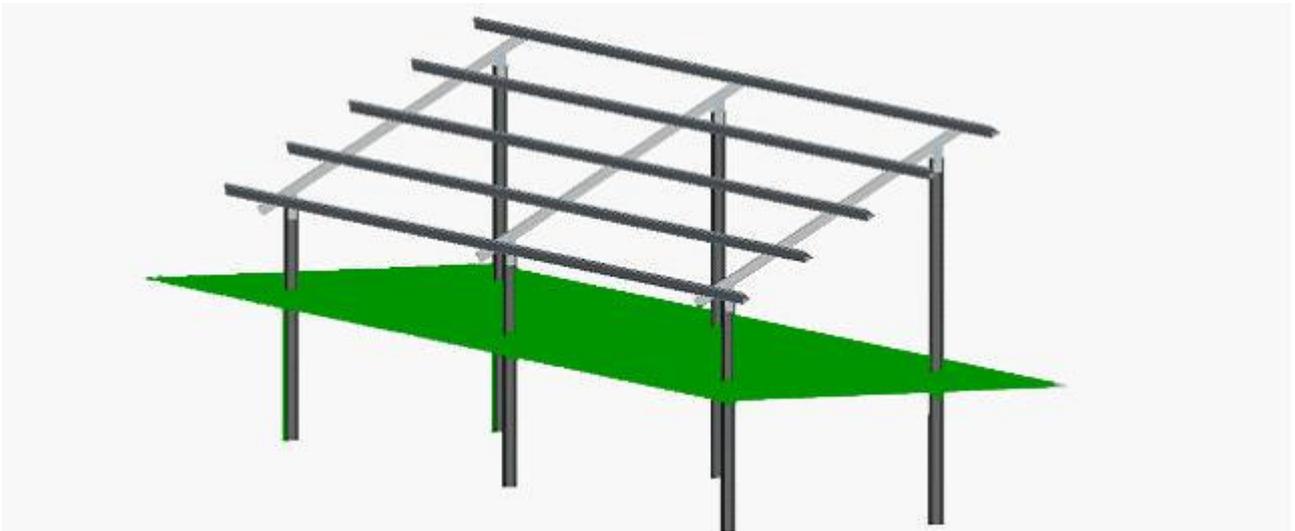
7. Connect the two purlins together and put them onto the girders.



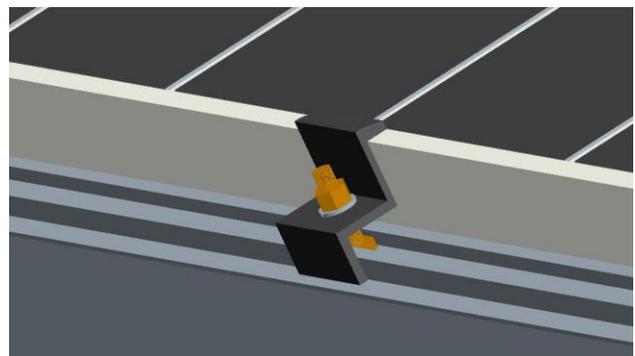
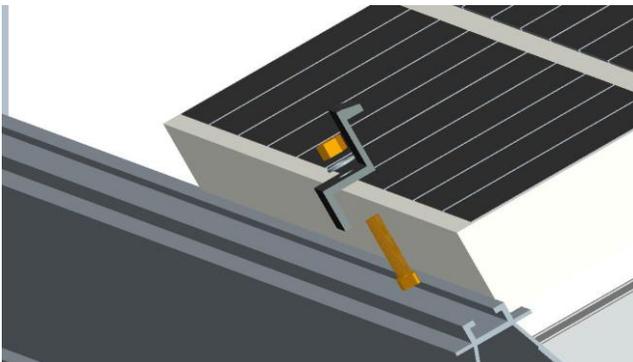
8. Rotate and place the prismatic bolts into the groove of the girder.



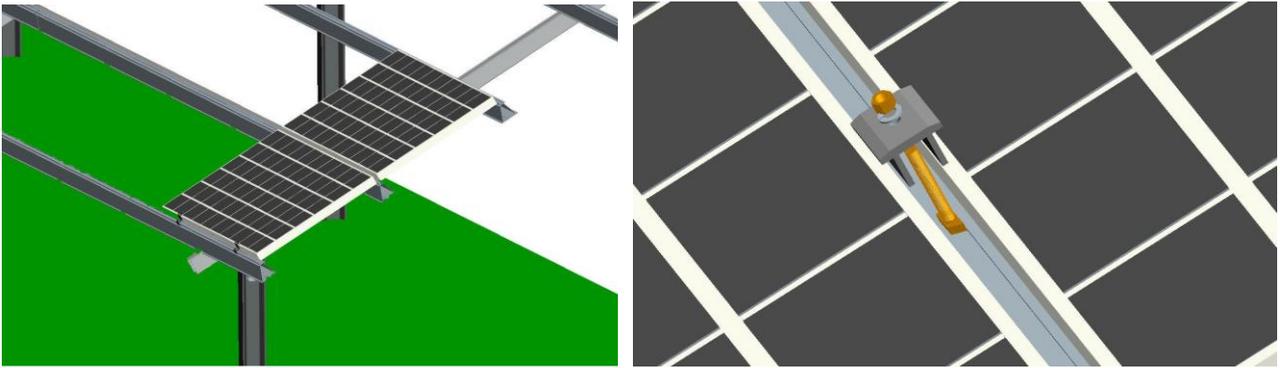
9. Fasten the purlin onto the girder with the prismatic bolts and nuts.



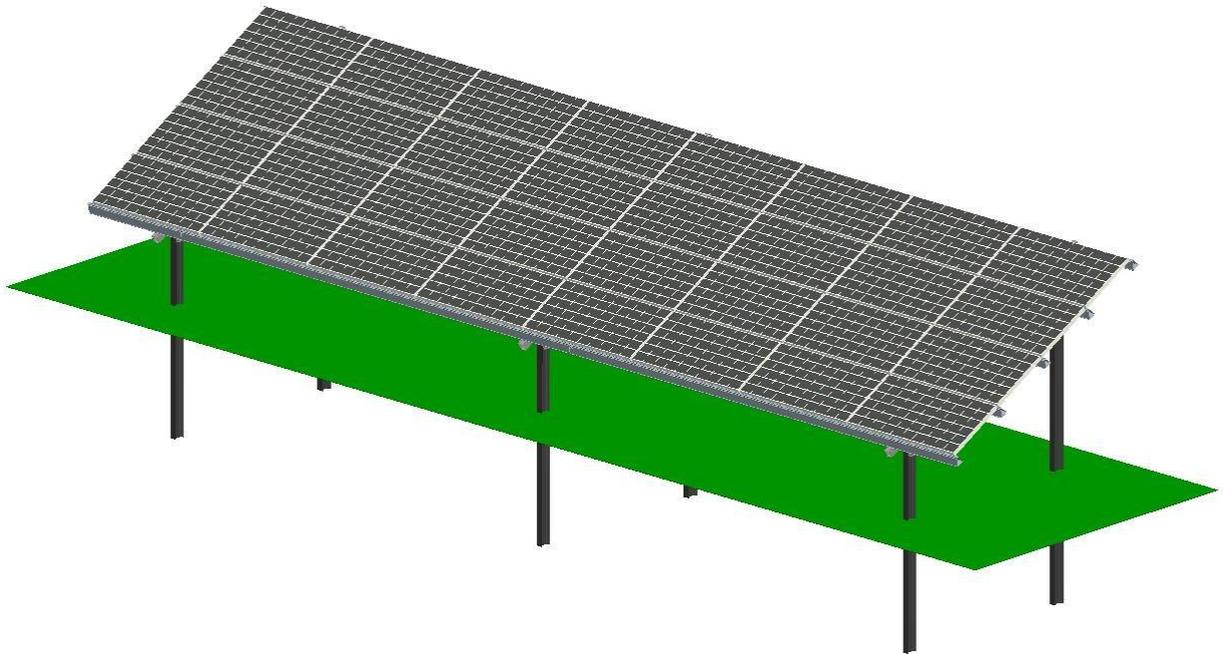
10. Repeat the above steps to install the other purlins.



11. Insert a prismatic bolt into the groove of the purlin and turn to fix it into the groove. Fasten the solar panel with an end-clamp and a prismatic bolt.



12. Put another solar panel onto the purlin, and fasten the two solar panels together with a mid-clamp and a prismatic bolt.



13. Attach all the other solar panels to the purlins following the same steps listed above.