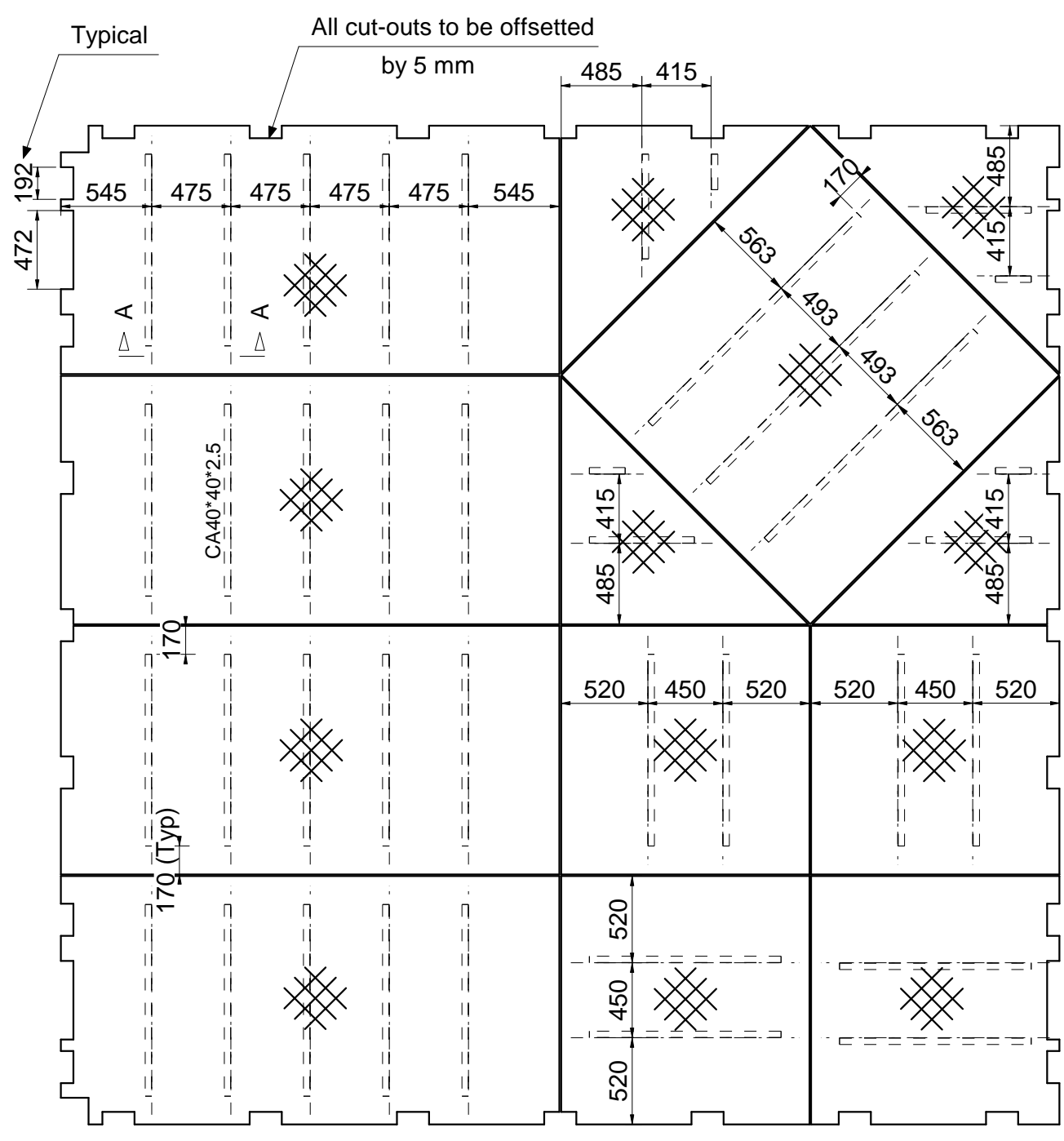
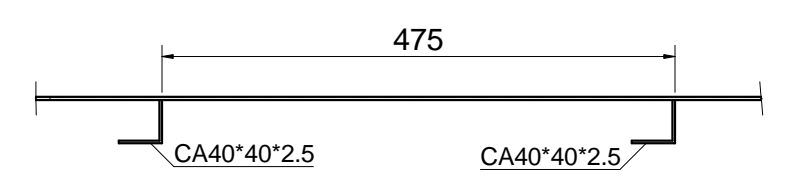


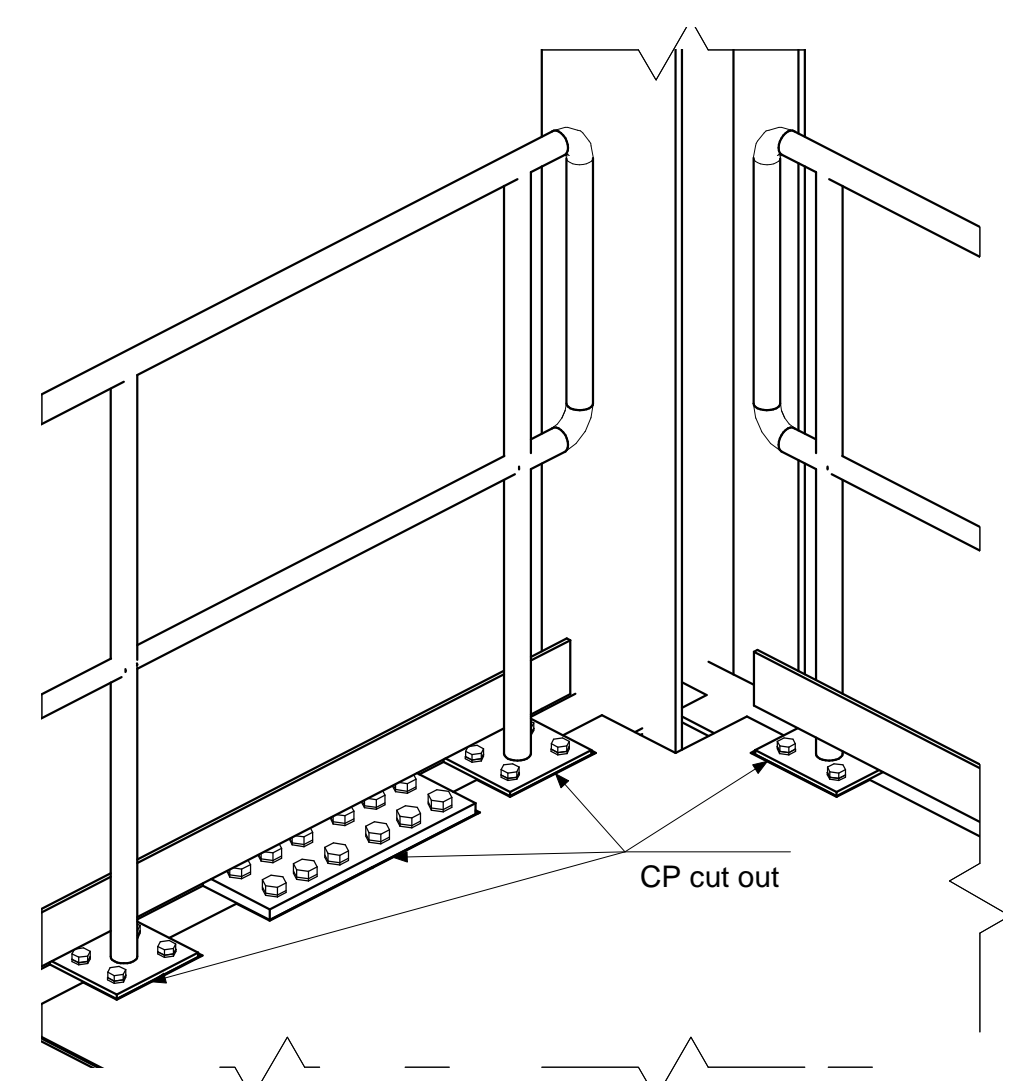
Plan view (without chequered plates)



Chequered Plates

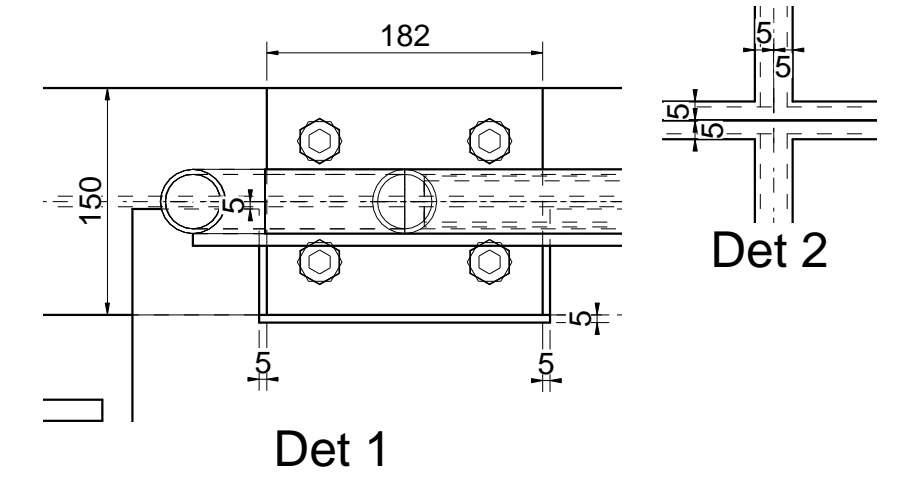


CP section



3D View

offsetted cutouts



Handrail Post distances and Splice location

Model the Chequered Plates and their stiffeners as shown

- You can create the basic model without the chequered Plates using basic profile entry, the splice macro and the handrail macro. No need to connect the floor beams See other videos if you dont know how to use the handrail macro works. <https://youtu.be/ayU9CvHSbD8>
- Splice points are located 750 mm from the columns
- Handrail posts are offsetted 350 mm from the columns and then spaced equally between those points (~883)
- The Chequered plates need to be cut around the obstacles These obstances include endplates of handrail posts as well as Splice Flange plates.
- Splice Flange Plate cut outs will have a typical length of 472 mm
- Handrail post endplate cut outs will have a typical length of 192 mm
- In addition the chequered plates need to be cut around the for the columns which are continuing upwards. Once again the offset is 5 mm.
- In general the Chequered Plates are offsetted by 5 mm from the axes and other obstacles
- Stiffening angles are provided under the chequered plates as shown.
- The Stiffening angles are pulled back by 170 mm from the edges. Distances between the angles are given.
- All stiffeners have CA40\*40\*2.5 section
- Reasonable values can be assumed for dimensions not provided.

- Once you have created a few chequered plates manually you can create all of them using the "Floor modeller" macro. There are a total of 13 Chequered Plates

-You can watch a video for this tutorial here. [https://youtu.be/K3e\\_wI8xRzo](https://youtu.be/K3e_wI8xRzo)