

# PointCab TUTORIALS



## VECTORIZER

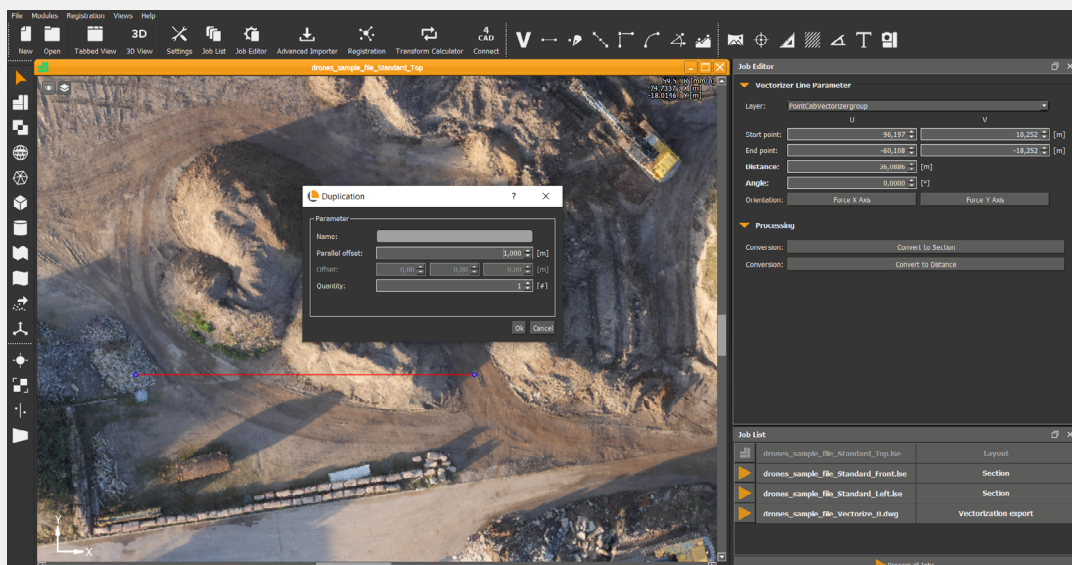
### CREATE PROFILE LINES


In this tutorial we will take a look at the Profiler tool in PointCab.

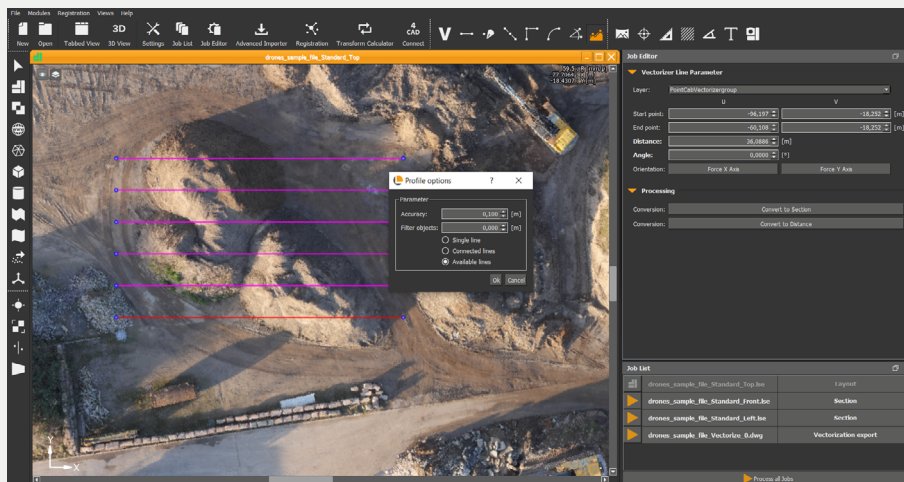
This tool gives you the possibility to digitalise profile lines based on your point cloud and extract the different heights in each digitalise line.

Below we will show you step by step how to create the profile lines of a narrow fill, but you can also use this tool to digitalise street boundaries, extract the contours of each house in a city at the right height and much more.

First we create a line using the **Create Line**  tool in the Vectorizer module. Then we select this line (make sure you use the **Select tool**  for this) and with a right click we select „**Duplicate**“ in the opened context menu. We set the **parallel offset** between the lines, for example 1 m, and the **number** of lines we want to duplicate:



Now we activate the **profiler tool**  from the Vectorizer module and click on one of the lines. We set the precision of the profile lines and the object filters. In this example we select all available lines, but in principle there are also more options available. After we have pressed the OK button, PointCab sets these lines to the height of the point cloud we are working on:



After the calculation, we can export the created lines to a CAD format or we can directly open the 3D view in PointCab and check the results:

