# CabinetSense Wiki



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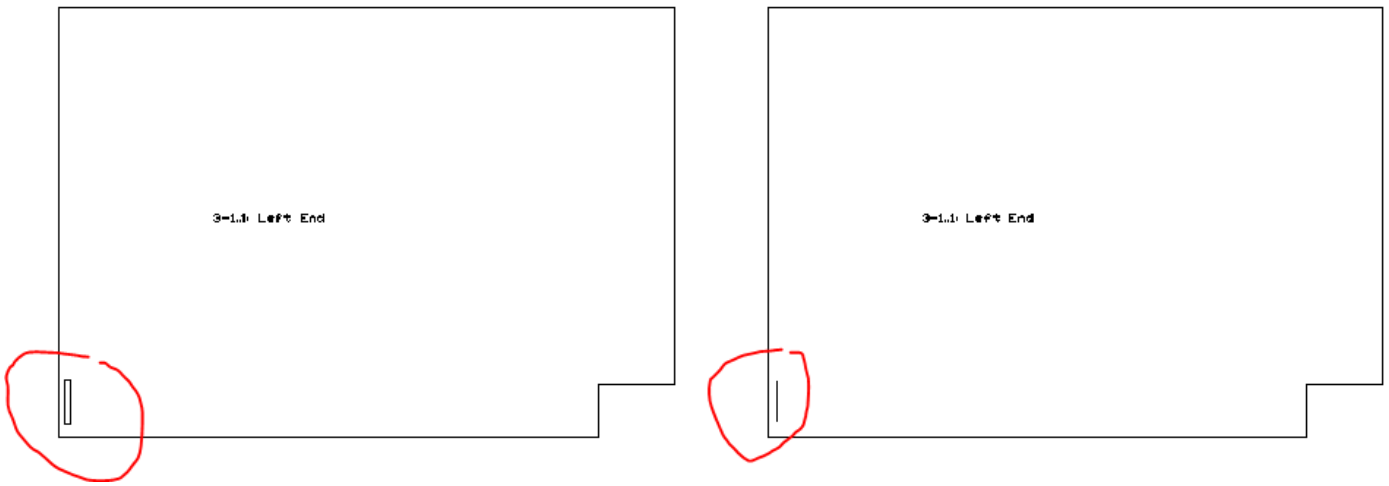
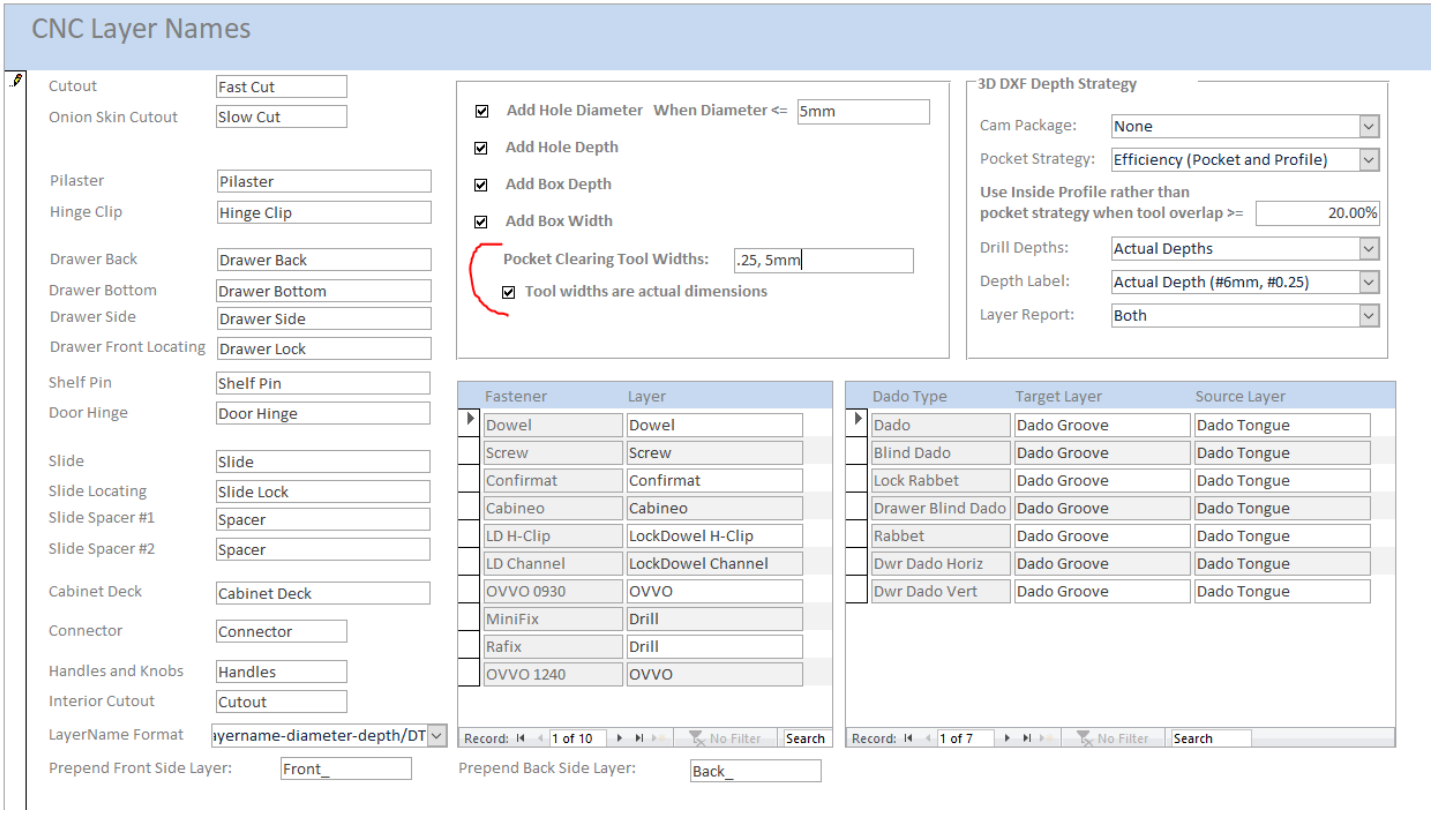
Dado Line vs Pocket Clearing Strategy

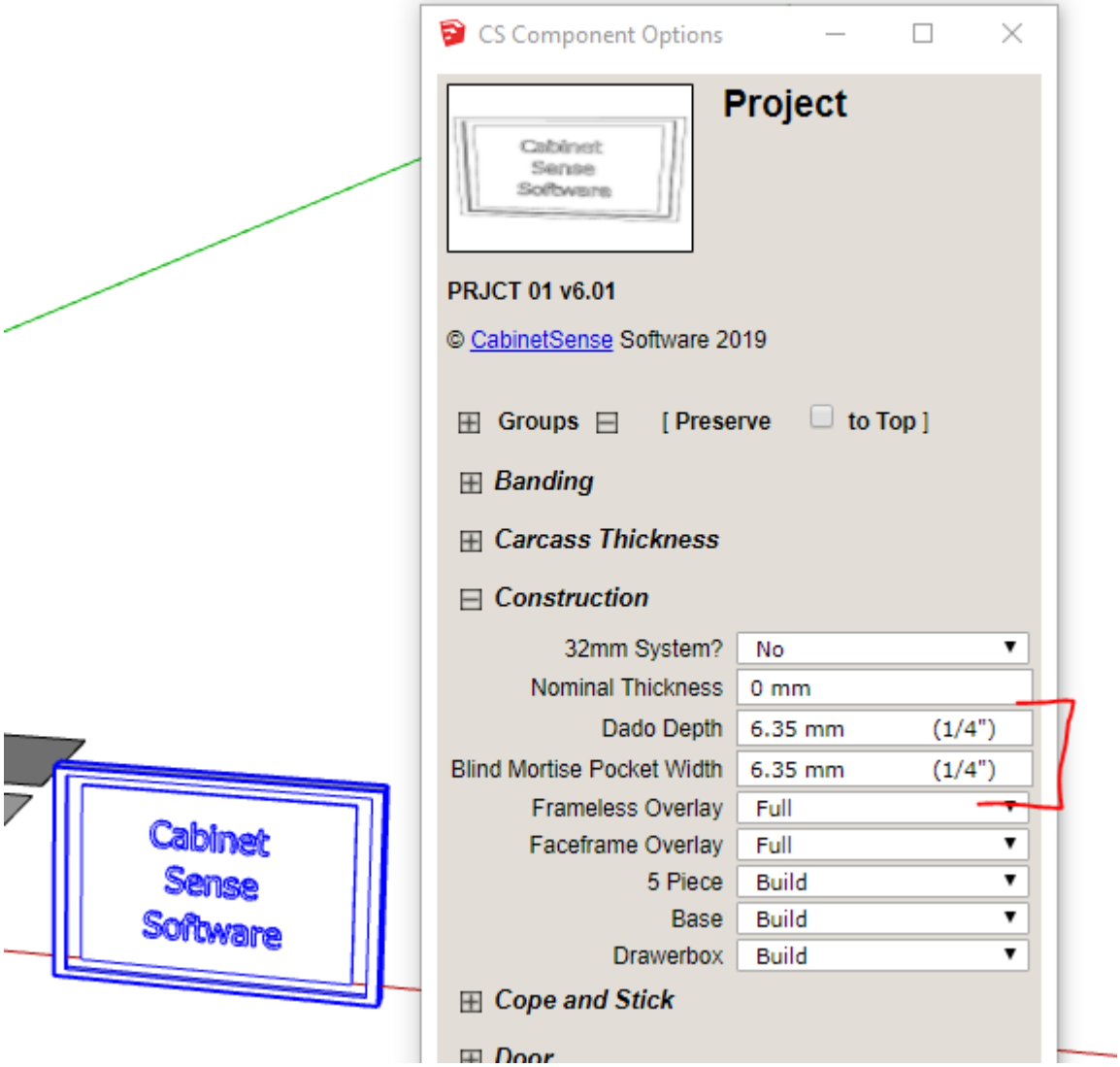


In order to use LINE DXF, you are required to make the following setting changes




**Pocket Clearing Tool Widths**: Enter the actual tool widths that are available with your CNC. This is a comma delimited file value containing all of the tool diameters available.

**Tool widths are actual dimensions:** This confirms that CabinetSense can use the pocket clearing tool widths for line strategies. The line strategy requires that the tool travels on the vector and as such needs to know the exact tool width.



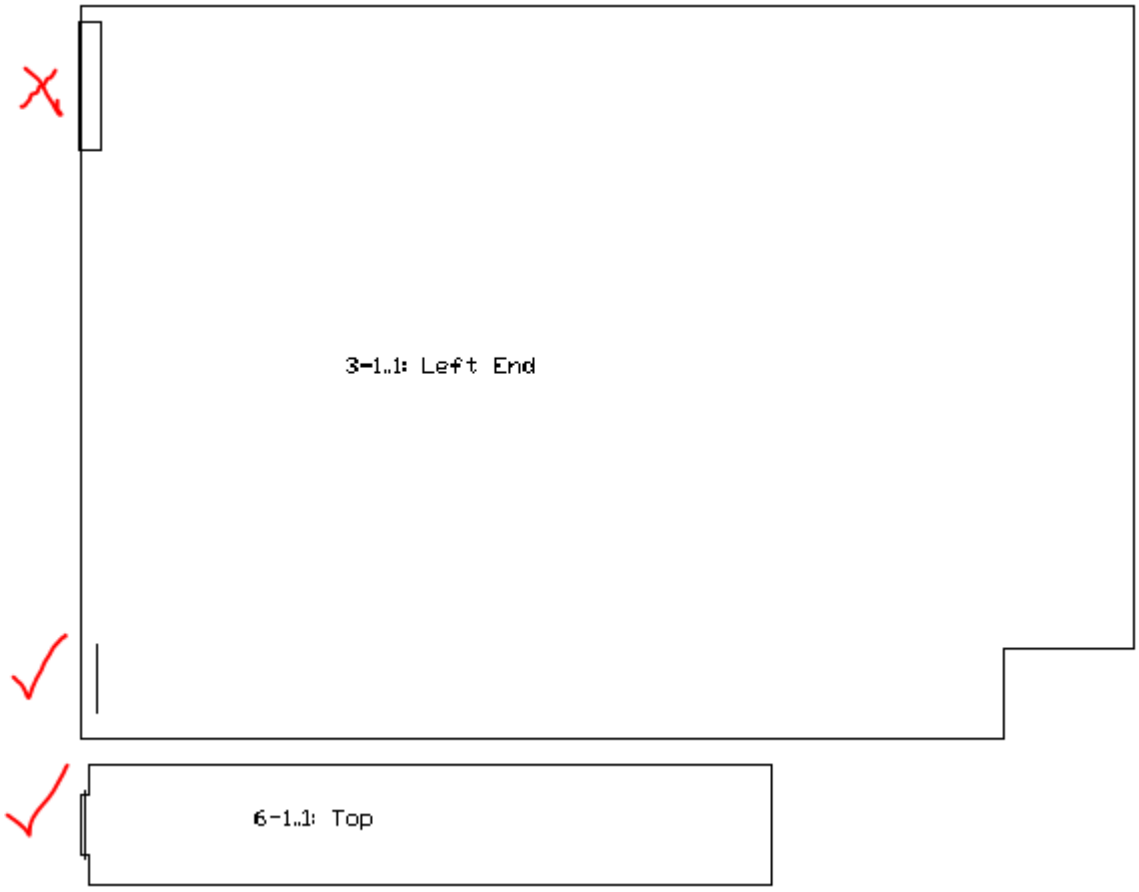

Set your dado depth and/or pocket width to one of the values entered in Pocket Clearing Tool Width attribute in your machining database (see above section).

If Your dado depth is less than or equal to one of your clearing tools, CabinetSense will create a line DXF to clear the extra material from the mortised tongue.

If your pocket width is an exact match to one of your clearing tools, CabinetSense will create a line DXF to clear the dado groove.

In this example, we had a blind dado whose depth and width were both set to ¼". Both the dado groove and dado tongue use a Line DXF (as ¼" was a declared width in our machining database).

Notice the rectangle at the top of the left end. It was a regular dado whose width was large than any of the pocket clearing tool widths. The result being that it reverted to a rectangle and would use a pocket strategy to clear it out.







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