

# Modifying standard products in CAP

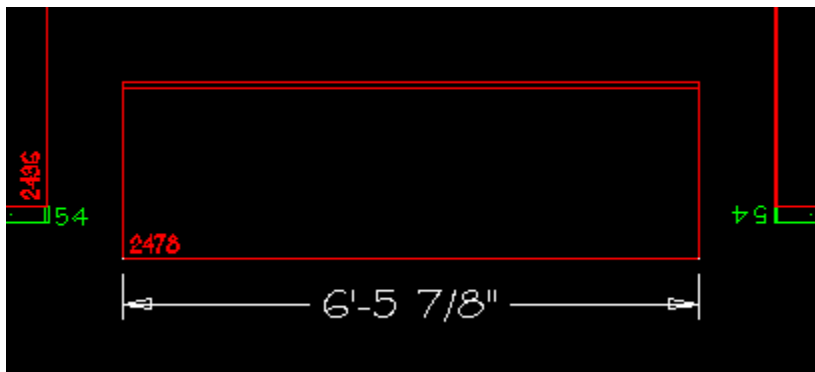
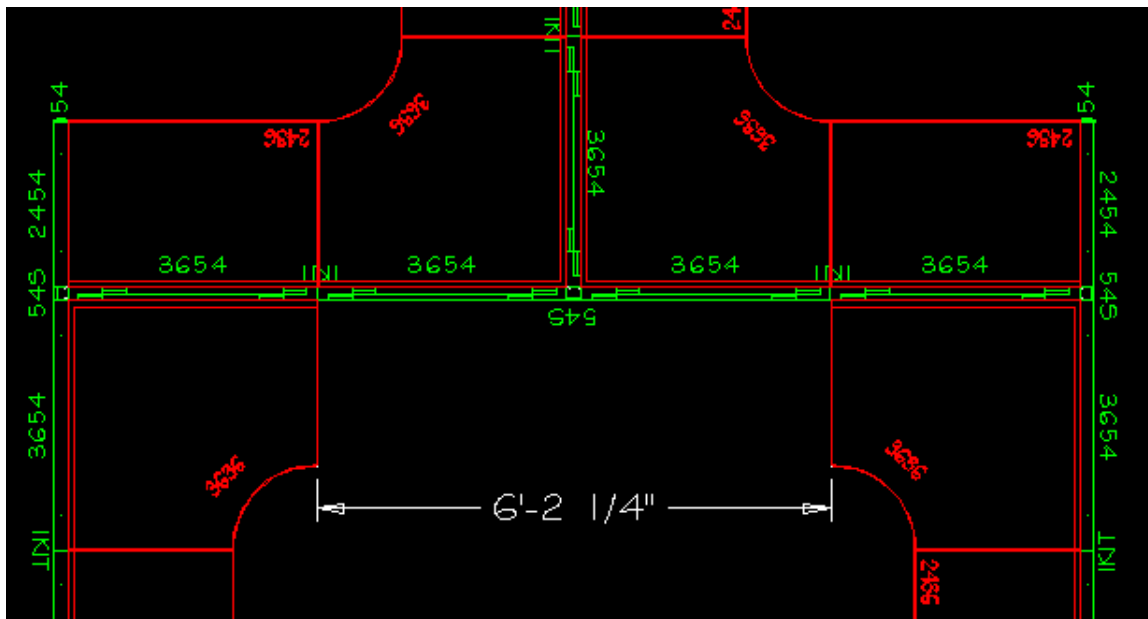
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Most of us have the need to specify a modified product. Well, this document has been put together to help you handle that situation as it arises. We will walk through a scenario and give you some suggestions on how to handle one in your drawing as well as in your worksheet file. Please be sure to request a custom quote from the Kimball Office – By Design team for each modification required.

## Resizing a standard symbol

Scenario – In the layout below I have a need for a custom sized work surface, 74 ¼" in length.

Solution – It is a standard practice to use a larger work surface and have it cut down to size. Our rectangular work surfaces include a special width option. This is convenient because a special quote will not be necessary. All I need to do is request a 78" wide work surface to be cut down to 74 ¼". Below are my suggested steps on how to show this in the drawing and include it in the specification.



**First step:** Start by placing the appropriate 78" wide work surface symbol in my drawing & open the AutoCAD Properties window.

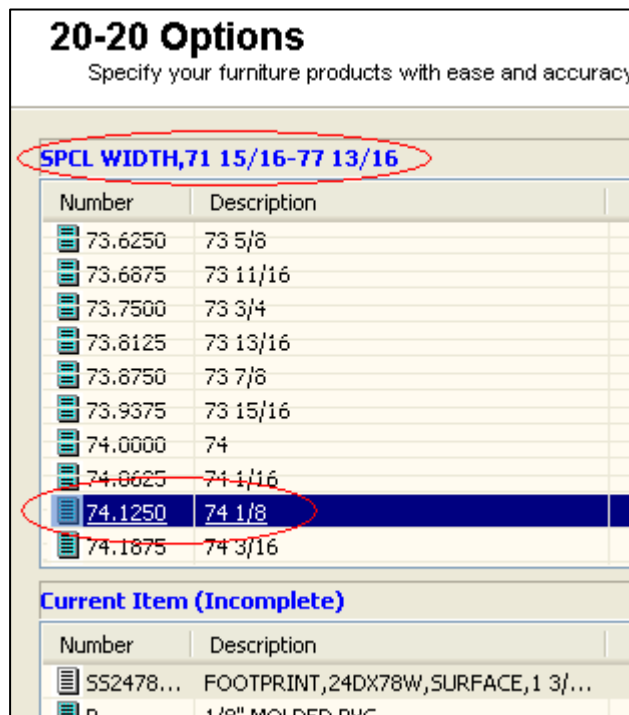
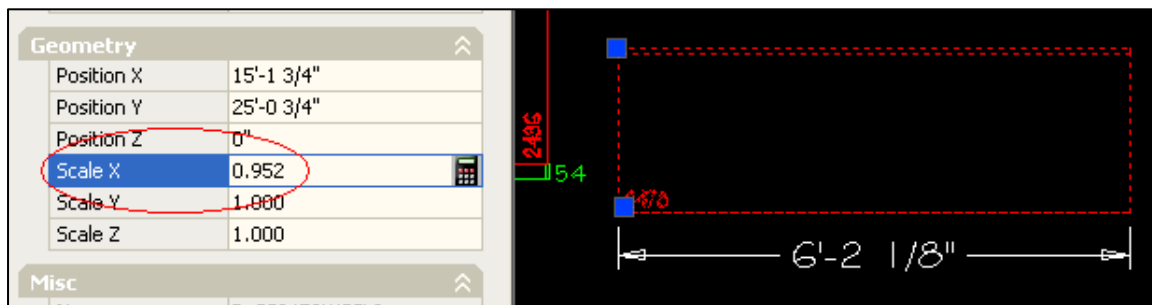
Please note: Actual work surface lengths are 1/8" shorter than nominal sizes stated.

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**Second step:** Select this symbol with a single left mouse click and then enter 0.9518459 in the Scale X cell under Geometry in the AutoCAD Properties window.

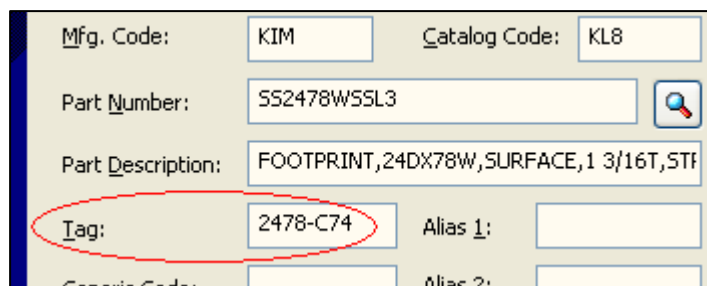
Why 0.9518459? Divide 74.125 (custom work surface length) by 77.875 (standard work surface length) and you get 0.9518459. The program rounded this number up to 0.952 after I entered it.



**Third step:** Use the 20-20 Options routine and select the custom width 74.125 under the special width option field. This step will separate this custom sized work surface from any standard sized 78" work surface that may exist in my drawing.

You can use the skipped option selection to move through any option that you do not know or want to answer during this time.

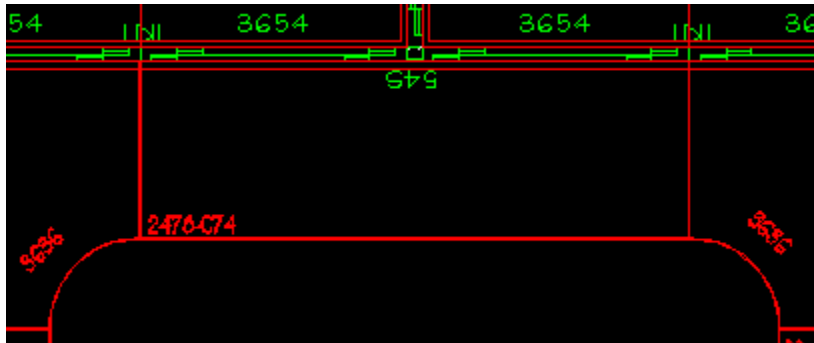
Also, select the stars & bars (\*\*\*) to finish the special width option.



**Fourth step:** Use the CAP Part Edit routine and add -C74 to the symbol tag. This will help identify the custom sized surface and will benefit both myself and anyone else who will be viewing my drawings (i.e. installers).

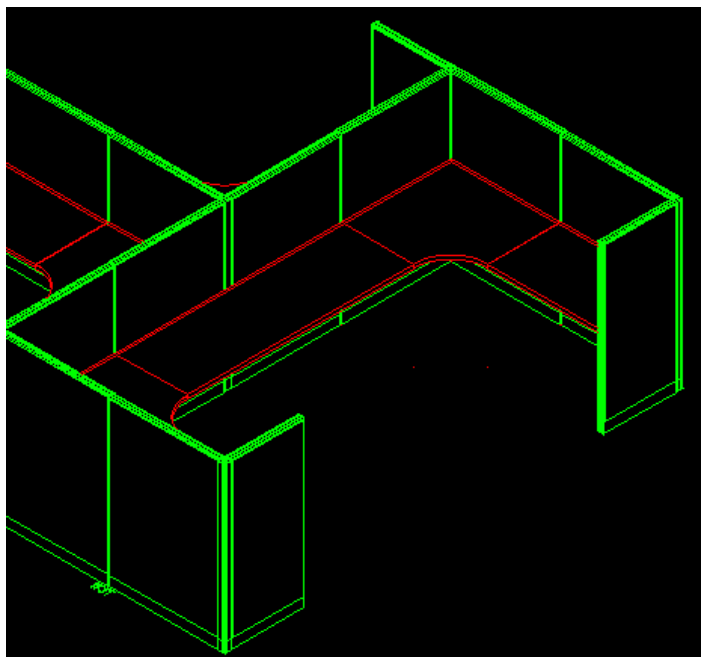
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**Fifth step:** Move the resized symbol into place. Below you can see how this custom work surface will appear in the worksheet file. Notice the tag & special size are already included because of the work I did in the drawing.

Qty	Option Group	Part Number	Part Description	Tag	Unit List
1		552478W5SL3	FOOTPRINT,24DX78W,SURFACE,1 3/16T,STRAIGHT,LAM,WIRE MGR.PF	2478-C74	\$ 433.00
	RIM PROFILE	P	1/8" MOLDED PVC		\$ 0.00
	LAMINATE GROUP	...	Skipped Option		\$ 0.00
	RIM COLOR	...	Skipped Option		\$ 0.00
	WIRE MANAGER COLOR	...	Skipped Option		\$ 0.00
	SPECIAL DEPTH,9-23 13/16	***	----		\$ 0.00
	SPCL WIDTH,7 1/16-77 13/16	000000680	SPCL WIDTH,7 1/16-77 13/16		\$ 0.00
	SPCL WIDTH,7 1/16-77 13/16	74.1250	74 1/8		\$ 0.00
	SPCL WIDTH,7 1/16-77 13/16	***	----		\$ 0.00
	ADD WIRE MANAGER,LEFT	***	----		\$ 0.00
	ADD WIRE MANAGER,RIGHT	***	----		\$ 0.00
	MITER CUT	***	----		\$ 0.00



One additional note to be aware of; when you change the scale like we did in this example, the 3D symbol will also reflect this change.

This concludes the steps for resizing a standard symbol. These steps can also be used when you need to fit the symbols for wall-mounted traxx and wall-mounted fabric tiles into a hard wall application. Those items do not include a special size option therefore they would have to be cut down in the field.