Instructions to print 1:1 scale CAD drawing

*method only tested on solid Edge ST8, not sure how other CAD software handles printer settings.

1) Zoom in on your model to what you want to print. (This entire screen is what will be printed, minus the tool bars)

2) Click Print under solid Edge menu on top left corner.

3) Click on “Properties” to open the printer property dialog window.

   * Next two steps could be different depending on the printer you selected.

4) Select the “Landscape” orientation.

5) In the Library Media Center printers you should find the option to enter “custom paper size”. The height is fixed for the large format print, which is 36 inches. The Width of the paper should be longer than your structure’s length depending on how much you zoom into your model in step 1. (*for some printers, the height and width dimensions are reversed). Our model is 48 inches long, so a safe width (or height) of the paper would be 55 inches or longer. The closer you zoom into the model, the closer this number will be to your actual structure length (less excess area to print). Click ok.

6) Click on the “Settings” tab.
7) Here you can see the preview of your model. The **Effective plotting area** should be the dimensions you entered for “custom paper size” in step 5. This shows how your model will look on paper. Adjust accordingly.

8) Click “Manual scale”

9) Under “Design length”, input 1 so that your paper is 1:1 to your model. *note. If the width you entered in step 5 was not long enough to contain the entire model, this ratio will be adjusted automatically to fit your model into the paper after you close the window. So, be sure to reopen this setting after you click ok to double check the scale. If the value is not 1:1, go back to step 5 and increase your paper size.