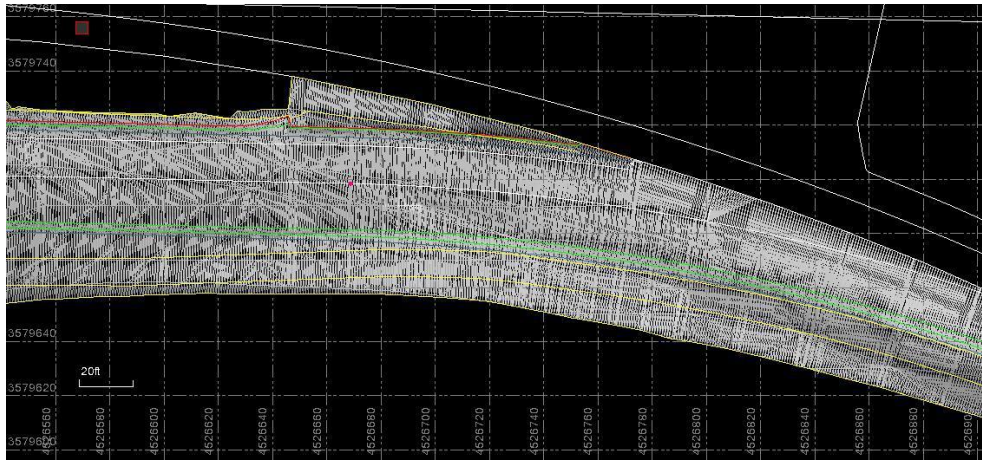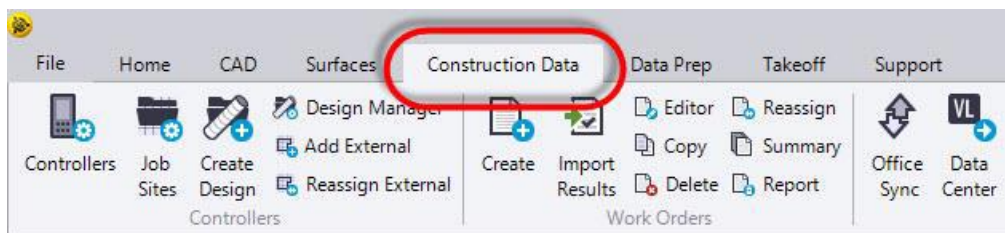# Exporting Files for Earthworks in Trimble Business Center

1) Open Trimble Business Center and create a new site by clicking File and then New

2) Drag your <u>LINEWORK, SURFACE, AND CALIBRATION</u> (CAL, CFG, or DC) files into the graphed area. Your linework and surface should be visible.
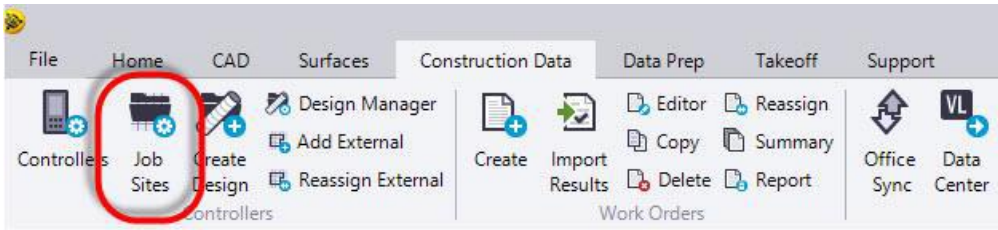

Go to File and then Save Project As, to save your project. Name you project accordingly

3) Sort through CAD layers and prepare the data to be exported

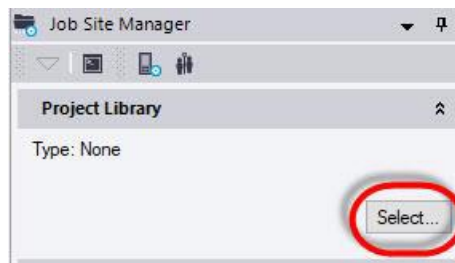4) Go to the Construction DATA tab at the top of the page
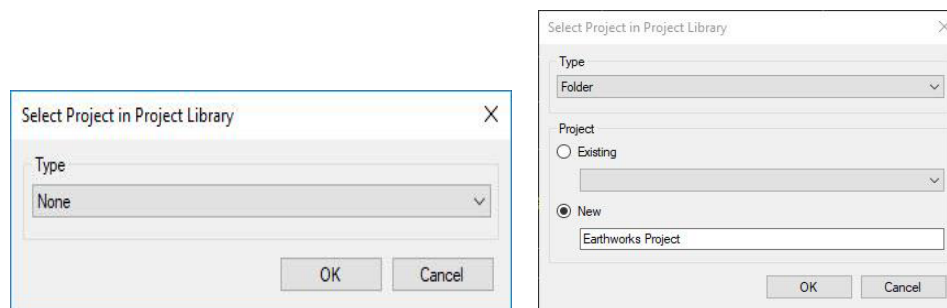
5) Click on the Job Sites command

6) The Job Site Manager dialog box will pop up. Name the job site and click OK at the bottom of the dialog box

7) At the top, you will see a section called Project Library. Click the Select button.
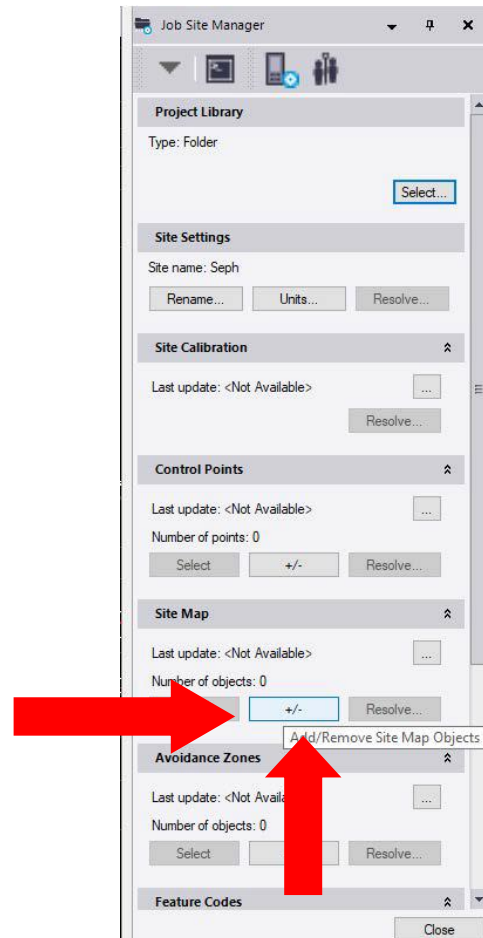

8) A Select Project in Project Library box will pop up in the middle of the screen, tap the drop down and change the selection from None to Folder. Select New below the drop down – you should see the name you gave the job site. Click OK at the bottom. NOTE: If synchronizing files remotely to machines via Trimble Connected Community, select TCC from the Type dropdown menu.
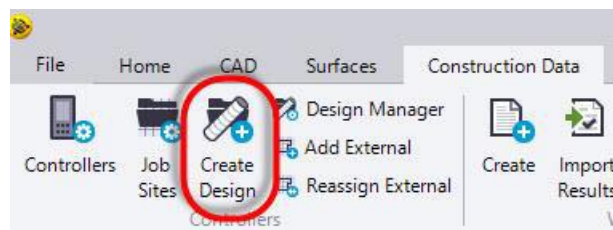
a. In order for the machine operator to see design linework during **Infield Design** mode in Earthworks, make sure to select your Linework under the "Job Site Manager" window by adding to the "Site Map" line item as shown below. **This step will place the linework data into the .SMZ file when exporting to Earthworks.**

Note: If you are using a **.VCL** design file rather than a .DSZ you will not want a .SMZ file. The **.VCL** will automatically give you your sitemap in Infield and Depth/Slope Mode.
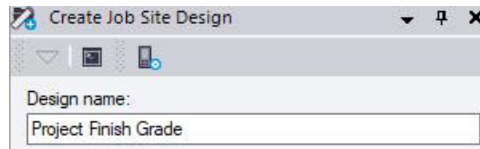

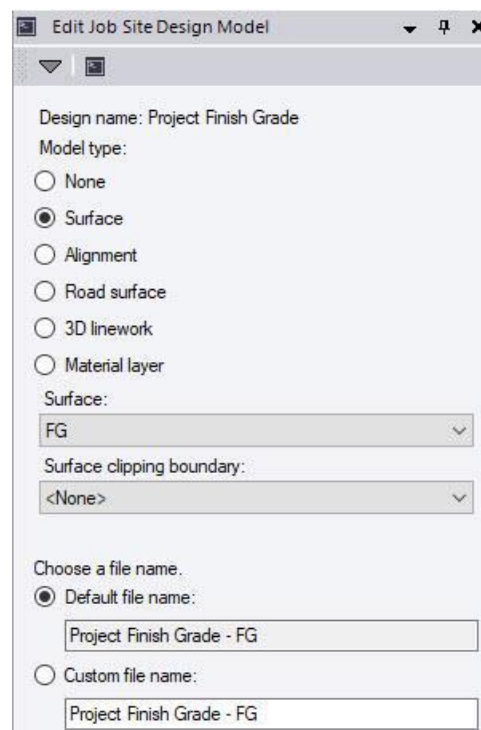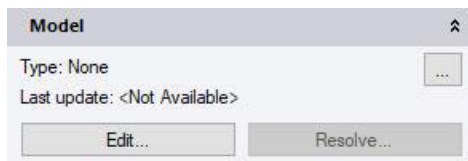9) Click close at the bottom of the Job Site Manager dialog box.

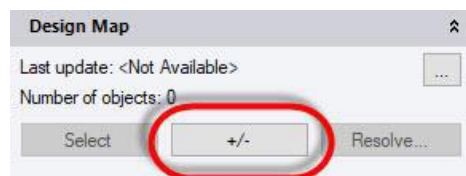10) Click the Create Design command found in the Controllers group.

11) The Create Job Site Design dialog box will appear – name the design and click OK at the bottom of the box
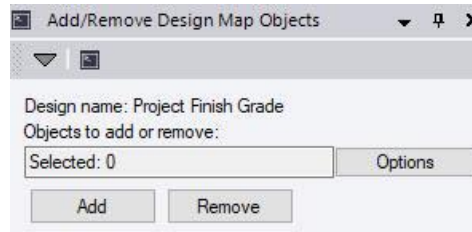

12) In the Job Site Design Manager, find the section marked Model. Tap the Edit button. Use the next screen to change the Model type from None to Surface. Under the Surface drop down select the surface you wish to export to Earthworks

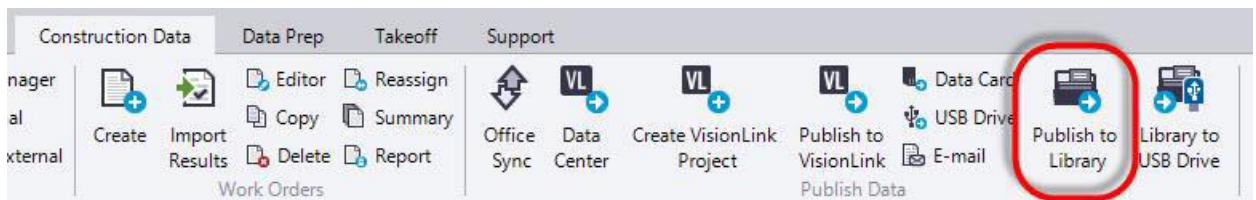13) Find the section marked Design Map and click the "+/-" button.

14) Click your cursor into the box next to Selected. Turn off any CAD layers (and don't forget the surface) that you do not wish to include in your machine line work. Drag a box around the desired CAD lines.
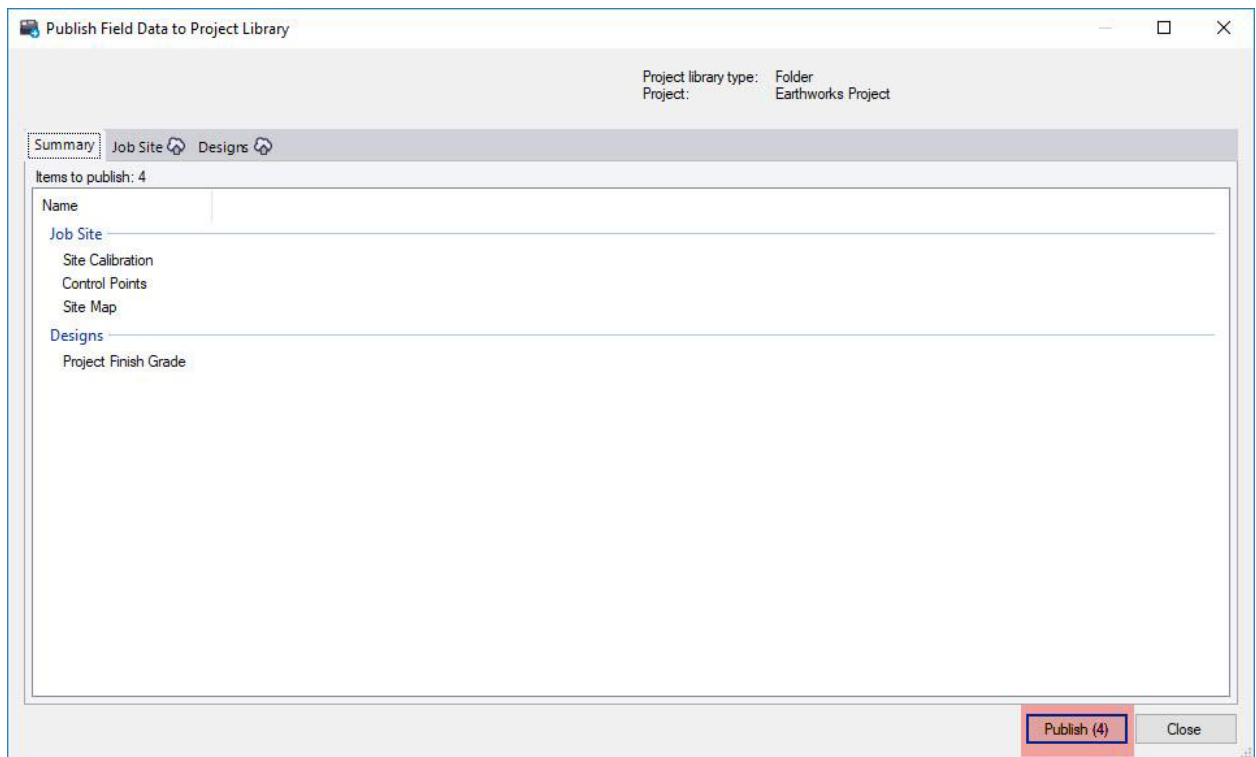

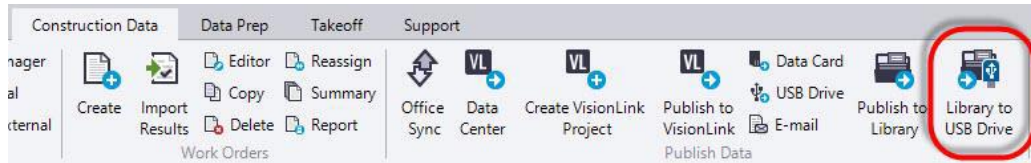15) Click Close at the bottom of the Job Site Design Manager dialog box.

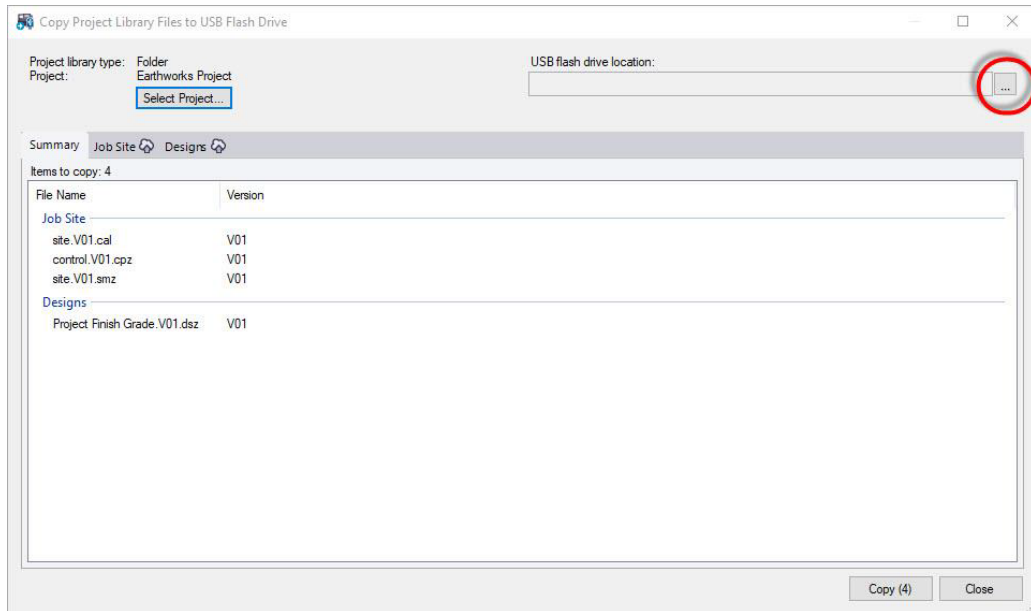16) Click the Publish to Library command found in the Publish Data Group.

17) The Publish Field Data to Project Library dialog box will appear – double check that everything is correct and click Publish at the bottom right.
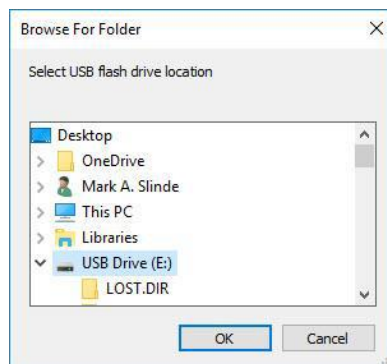
18) Click the Library to USB Drive command in the Publish Data group and plug in your flash drive if you have not done so already.

19) Click the USB Flash Drive Location "…" on the top right.

20) Use the browser window to find your flash drive. **Click on the flash drive itself, not the folders within it.** Press OK

Finally, click Copy at the bottom of the screen and the files will be placed onto the USB flash drive in the proper folder structure.