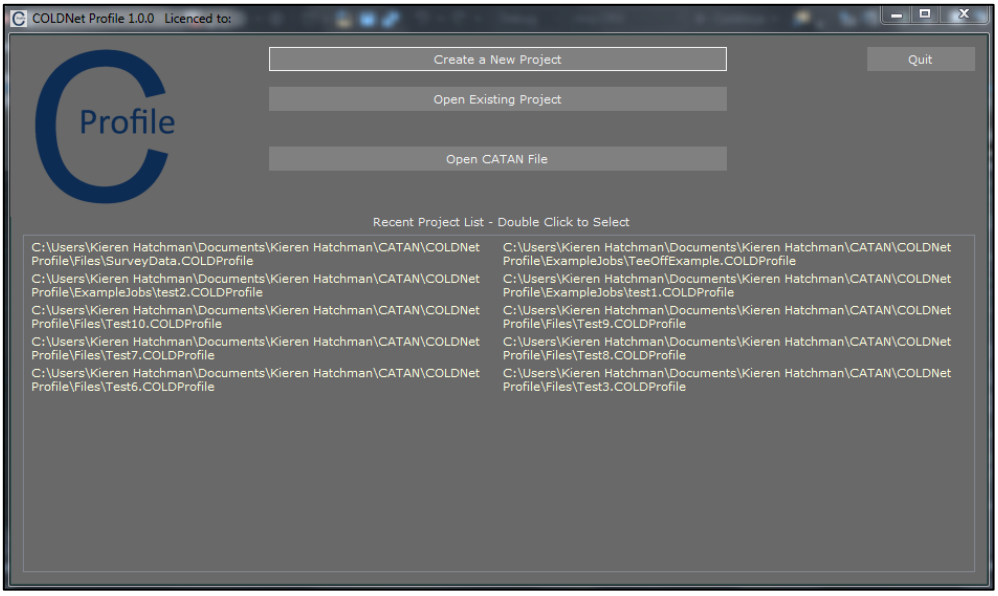
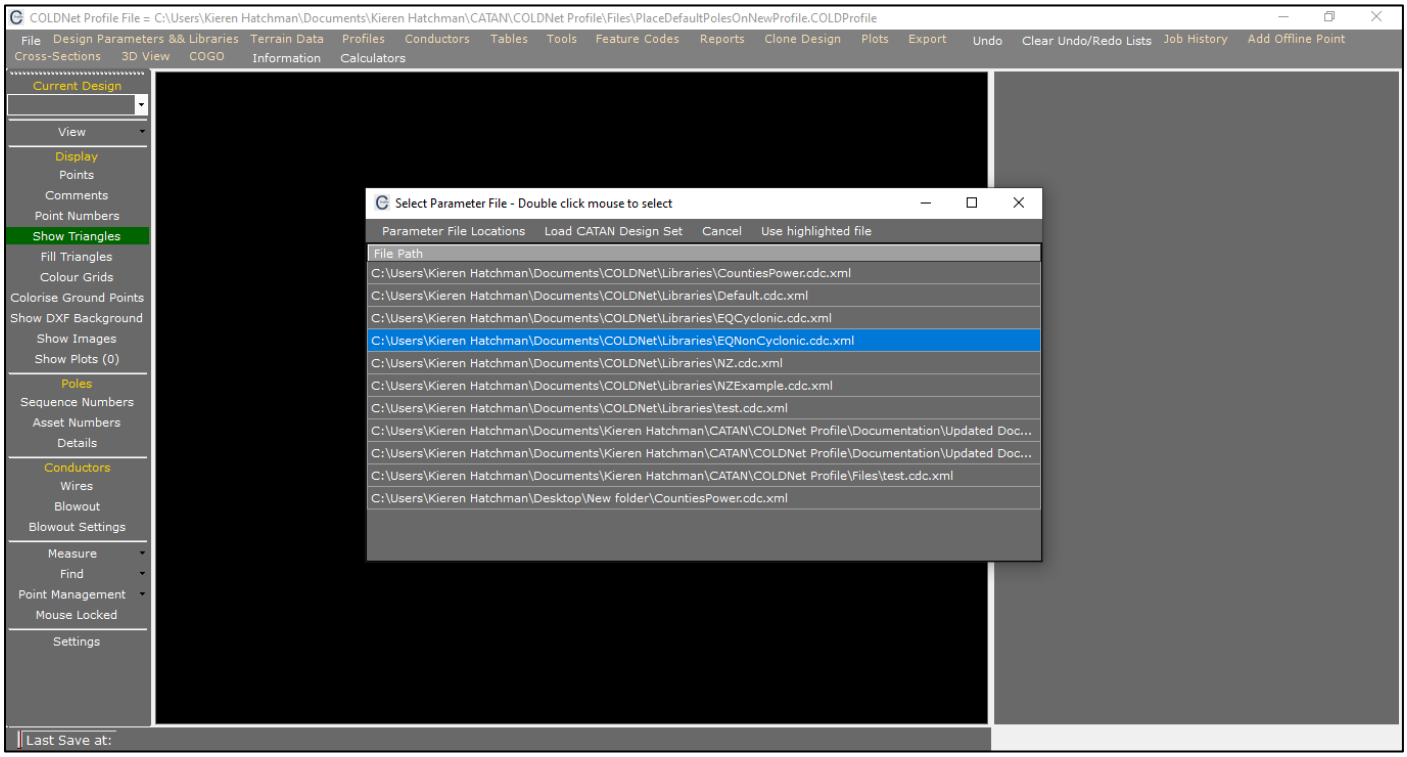
COLDNet Profile – Place Default Poles on Existing Profile

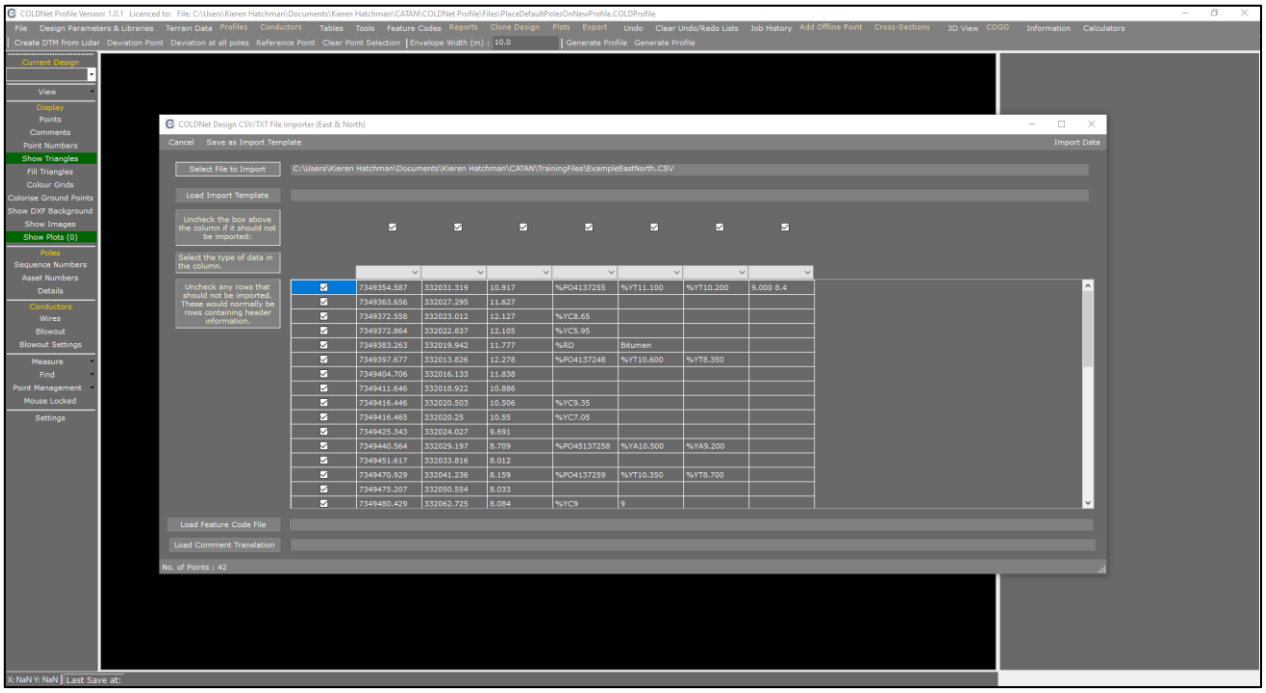
1. Install COLDNet Profile and open application
2. The following screen will appear. Select **Create a New Project**



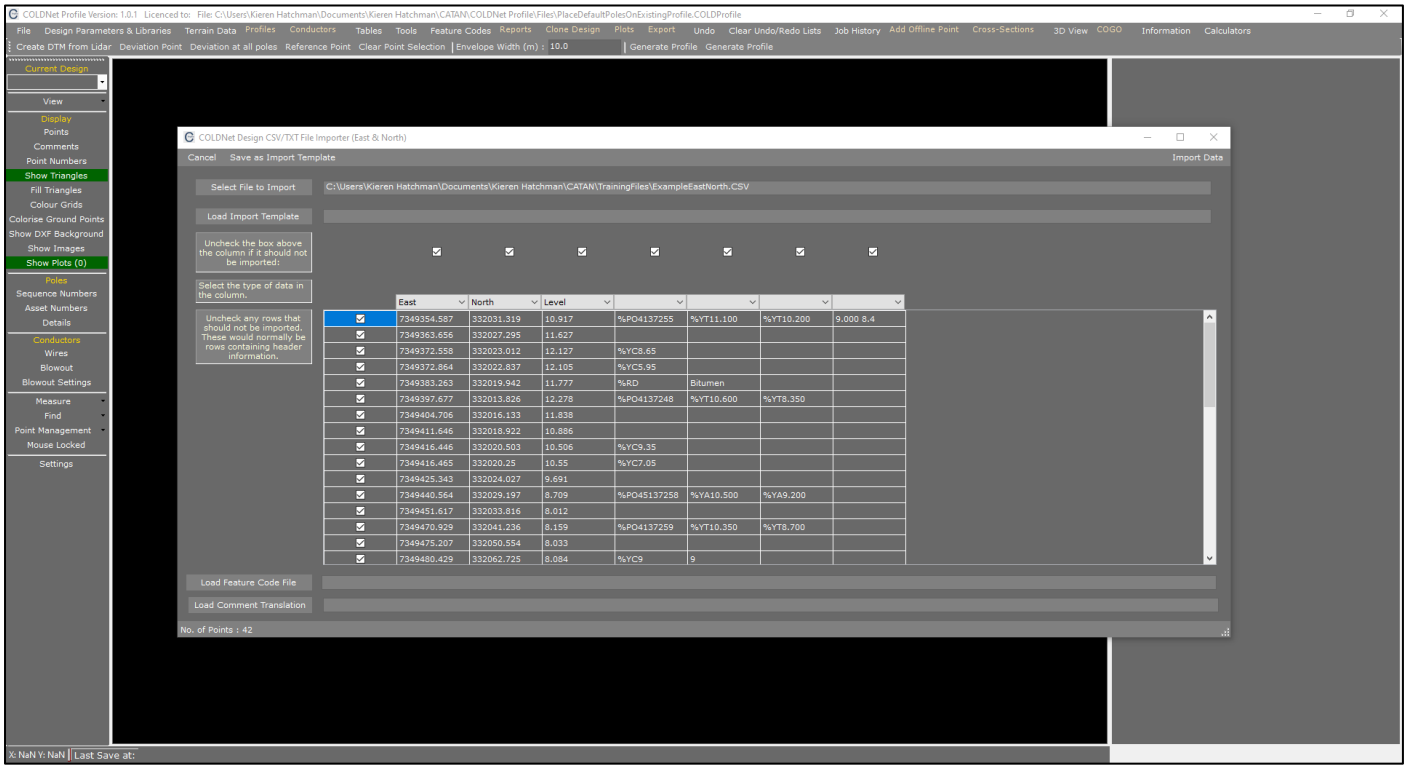
3. Give the file a name, e.g. **PlaceDefaultPolesOnExistingProfile.**
4. The following screen below will appear. Select **Parameter File Locations>Add Directory** to navigate to the location where the Design Parameters/Libraries have been stored locally on the machine. Once selected **Close** Manage Directories window and double click on the desired parameter file from the list. For this example, select the Design Parameter file called **EQNonCyclonic**.



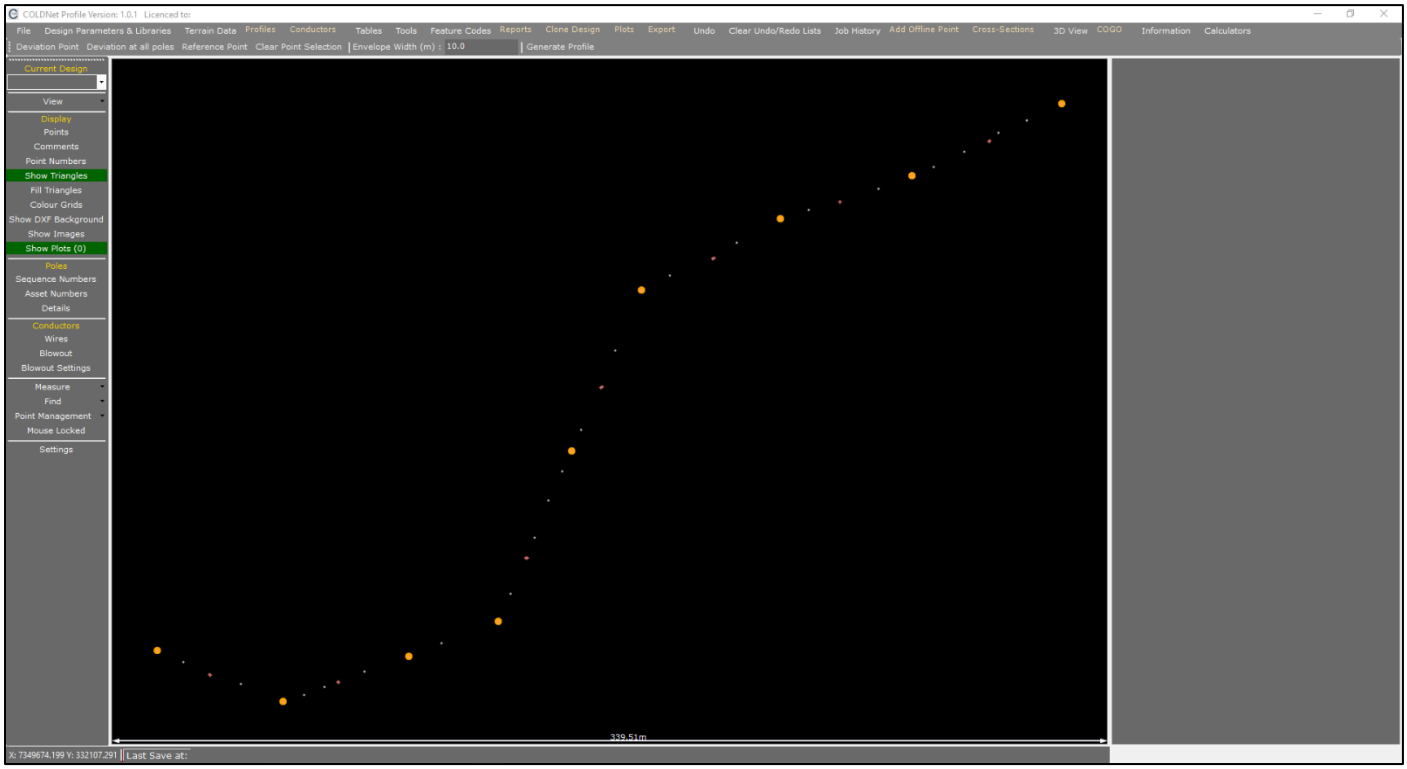
5. After selecting and importing a Parameter File select **Terrain Data > Import CSV/TXT File from GPS** and open the **ExampleEastNorth.csv** file



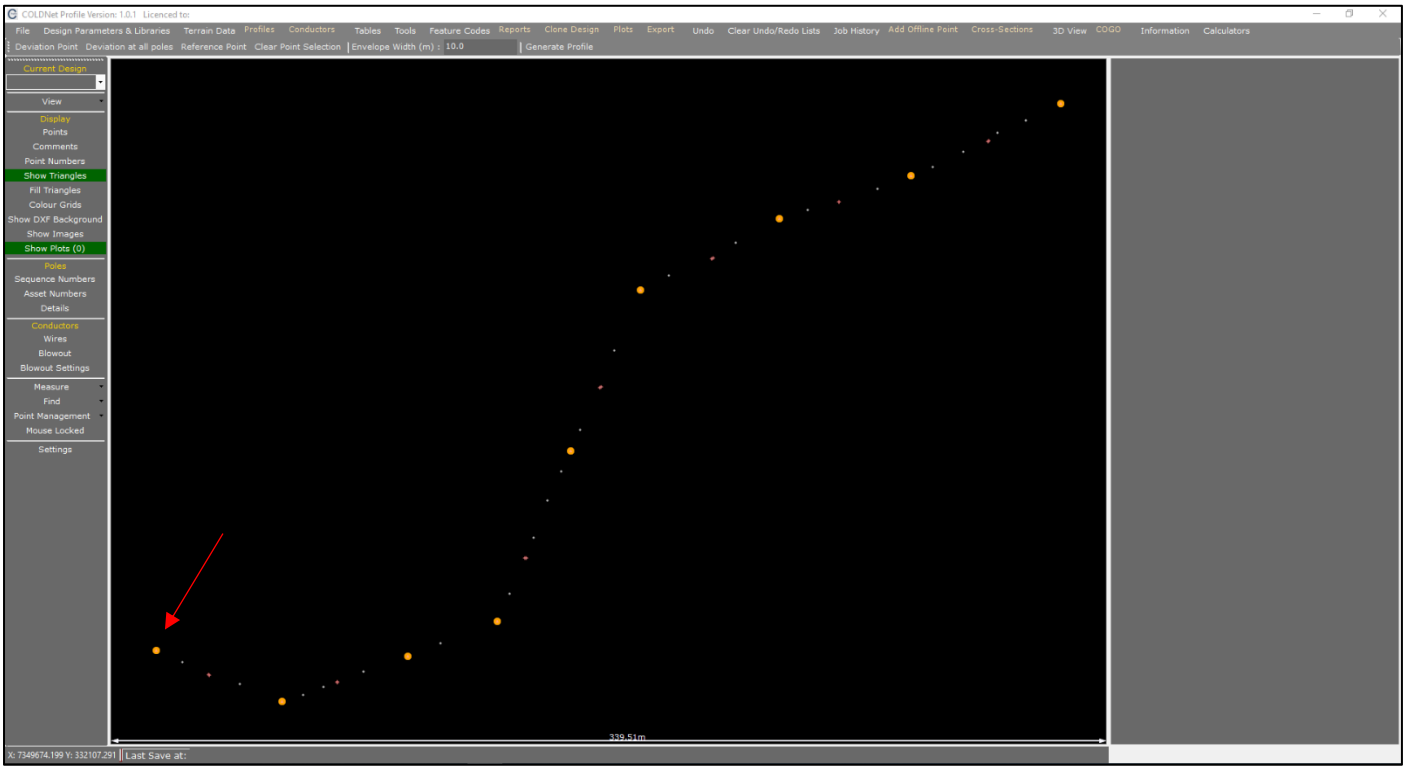
6. Identify the data type of each column by selecting from the dropdown menu above the top row. Any columns for which the data type is not selected will default to **Comment** data.



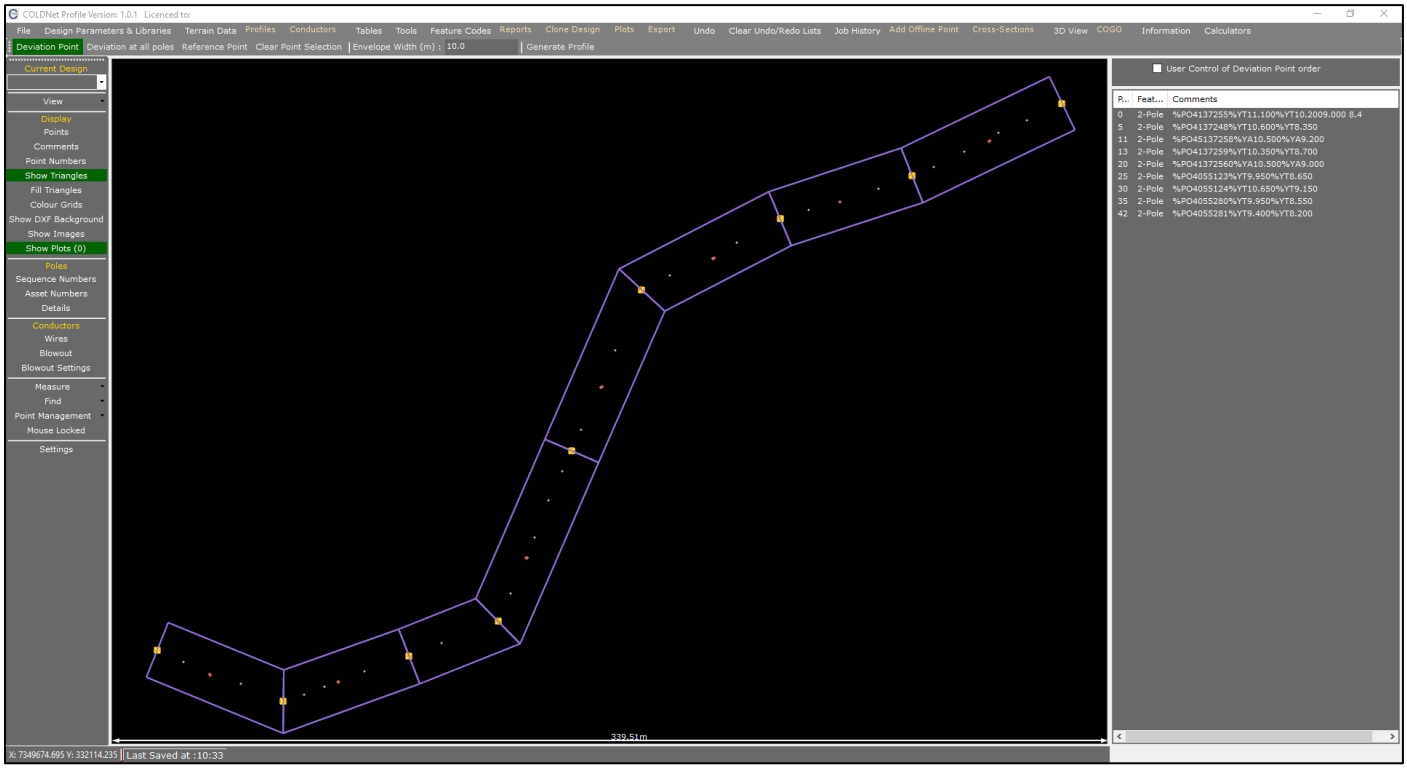
7. Select **Import Data**
8. You will then be asked if you want to save these settings as a template before you proceed. Select **No** and you will then be taken to the main plan view screen as shown below



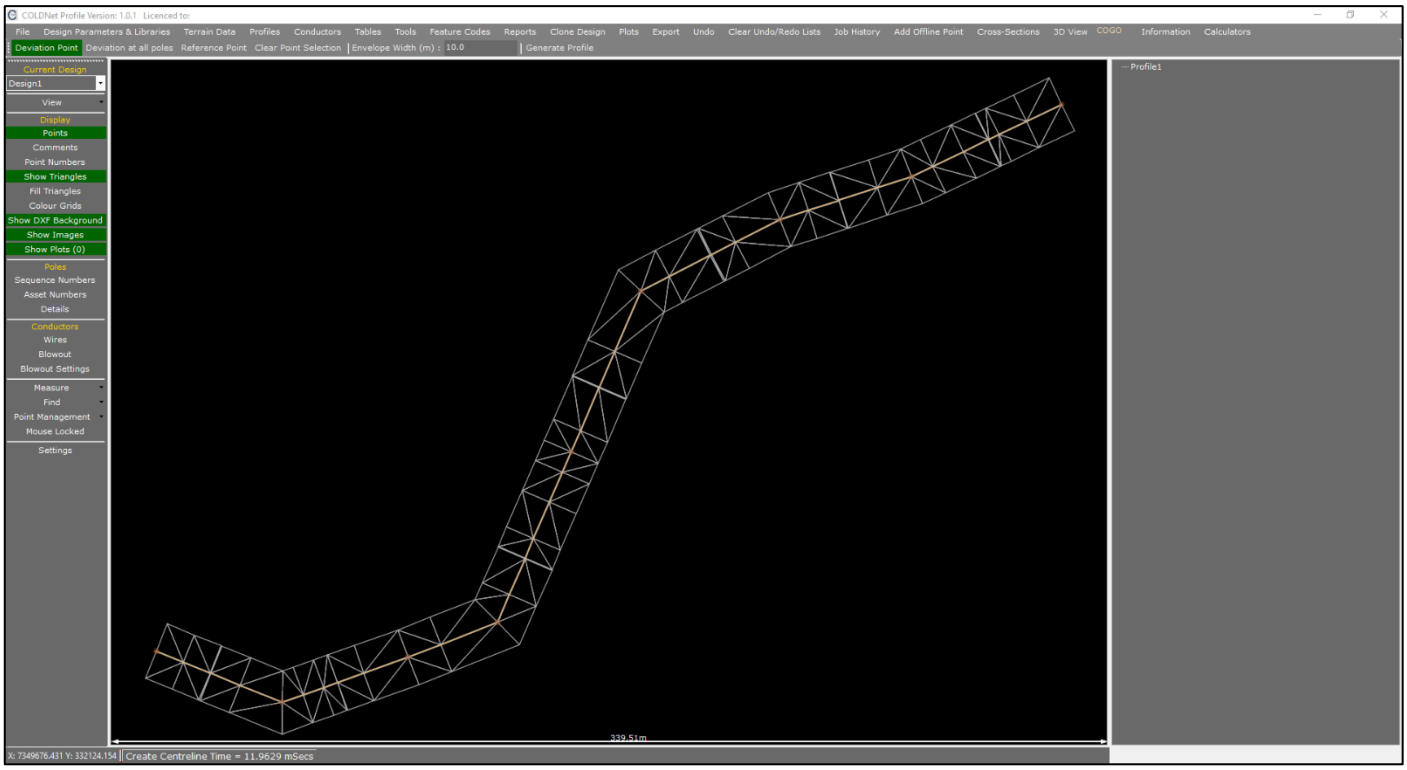
9. Select the option that says **Deviation Point** before selecting the first pole for the profile as shown below (marked by a yellow cross)



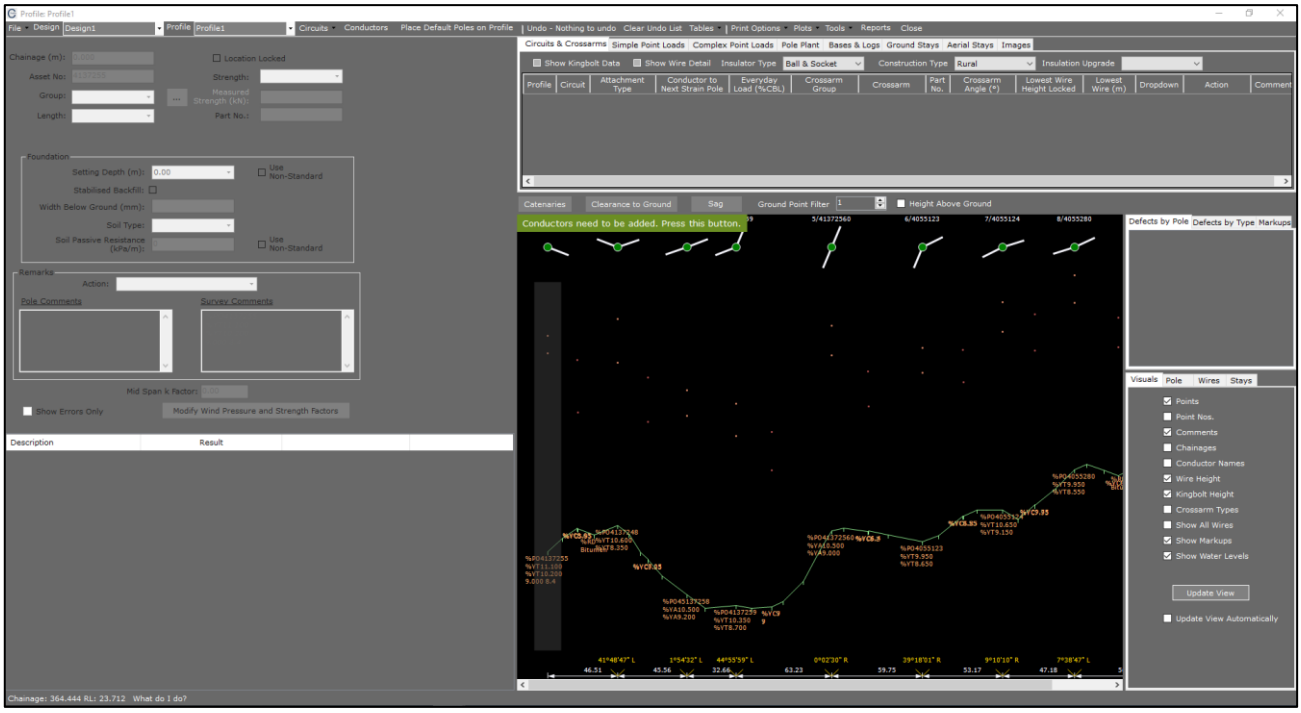
10. Next, select the remaining deviation points (where the route changes direction) along the profile as shown below



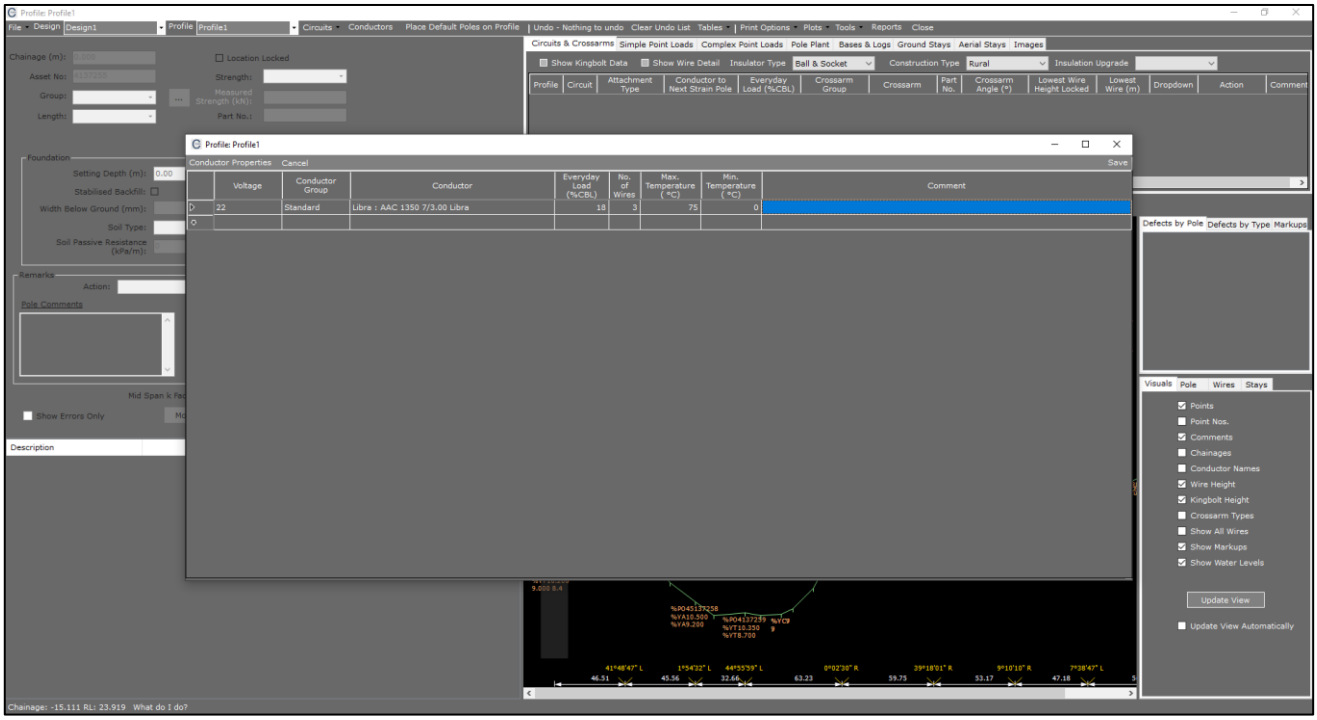
11. Select **Generate Profile** from the tool menu
12. A new window will open with a default **Design Name** called “Design1” and **Profile Name** called “Profile1”. Click **Create Profile**
13. The profile centreline and triangulated terrain model will be generated as shown below



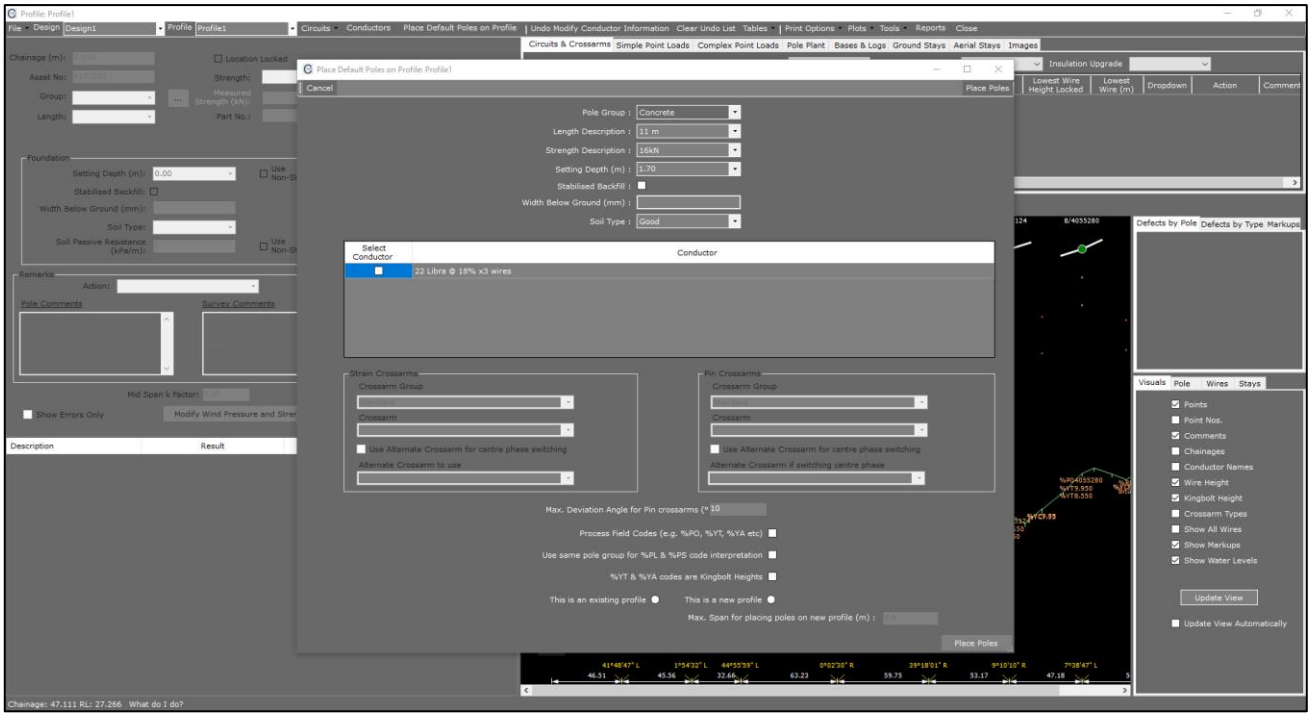
14. Once returned to the main form select the **Profiles** option from the top toolbar menu. A new window will open



15. Now we are going to add a conductor to our design by selecting the green label, **"Conductors need to be added. Press this button"**. A new window will open
16. Select the **Voltage '22'**
17. Select the **Conductor Group 'Standard'**
18. Select the **Conductor 'Libra: AAC 1350 7/3.00 Libra'**
19. Enter an **Everyday Load (%CBL)** of **'18'**
20. Enter the **No. of Wires** as **'3'**
21. Enter the **Max Temperature (°C)** of **'75'**
22. Enter the **Min Temperature (°C)** of **'0'**



23. Select **Save** in the top right-hand corner of the window
24. We are now going to place poles at those locations where poles have been indicated when selecting deviation points. Do this by first selecting the green label, **"Default Poles need to be added. Press this button"**.



25. Change the **Pole Group** to **'Wood'**
26. Change the **Length Description** to **'12.5m'**
27. Change the **Strength Description** to '**5kn'**
28. Change the **Setting Depth** to '**2m**'
29. Leave the default **Soil Type** as **'Good'**
30. Select the Libra Conductor we added earlier by clicking the check-box provided
31. Change the Strain **Crossarm Group** to **'Wood'**
32. Leave the default **Crossarm** as **'Strain 3Ph 2700x150x100'**
33. Change the Pin **Crossarm Group** to '**Wood**'
34. Leave the default **Crossarm** as **'Delta Inter. 3Ph 2700x100x100'**
35. Enter a **Max Deviation Angle for Pin Crossarms** of **'10'**
36. Select the option to **Process Field Codes (e.g. %PO, %YT, %YA etc)**
37. Select the option **This is an Existing Profile**
38. Click **Place Poles** to finalise. Profile 1 should now look like the figure below.

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