COLDNet Profile – Adding, Trimming & Extending Circuits
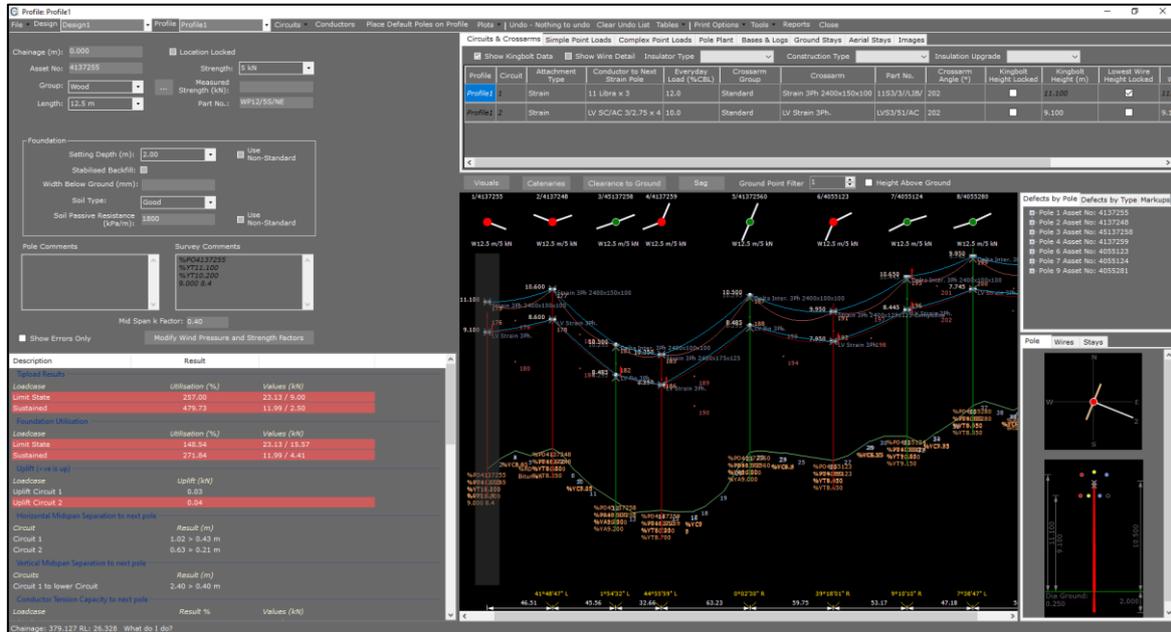
Adding Circuits

1. Open the earlier project that we created called **WalkthroughCSVImport**
2. Select **File>Save As** and give the new project the name **AddingTrimmingAndExtendingCircuits**
3. Once returned to the main form select the **Profiles** option from the top toolbar menu. A new window will open


4. We are first going to add a new conductor that we will use on our third circuit
5. Select **Conductors** from the toolbar. A new window will open
6. Select the **Voltage 'LV'**
7. Select the **Conductor Group 'LV'**
8. Select the **Conductor 'LV ABC 2C 16mm2 : LV ABC 2C 16mm2'**
9. Enter an **Everyday Load (%CBL)** of **'10'**
10. Enter the **No. of Wires** as **'1'**
11. Enter the **Max Temperature (°C)** of **'50'**
12. Enter the **Min Temperature (°C)** of **'0'**

13. Select **Save** in the top right-hand corner of the window
14. Select **Circuits>Add Circuit**. The following window will open

15. Ensure that the **Reference Circuit** selected is **'2'**
16. Select **Add Circuit Below**
17. Select the **'LV LV ABC 2C 16mm2 @10% x 1'** Conductor
18. Select the distance between circuits to be measure **Kingbolt to Kingbolt**
19. Set the Strain **Distance from Reference Circuit** to **'2'**
20. Change the Strain **Crossarm Group** to **'Standard'**
21. Leave the default **Crossarm** as **'ABC Term'.**
22. Set the Pin **Distance from Reference Circuit** to **'2'**
23. Change the Pin **Crossarm Group** to **'Standard**'
24. Leave the default **Crossarm** as **'ABC Angle'**
25. Enter a **Max Deviation Angle for Pin Crossarms** of **'10'**
26. Ensure the **Start Pole** is at **'1'** and the **End Pole** is at **'9'**
27. Click **Add Circuit** to finalise. Profile 1 should now look like the figure below
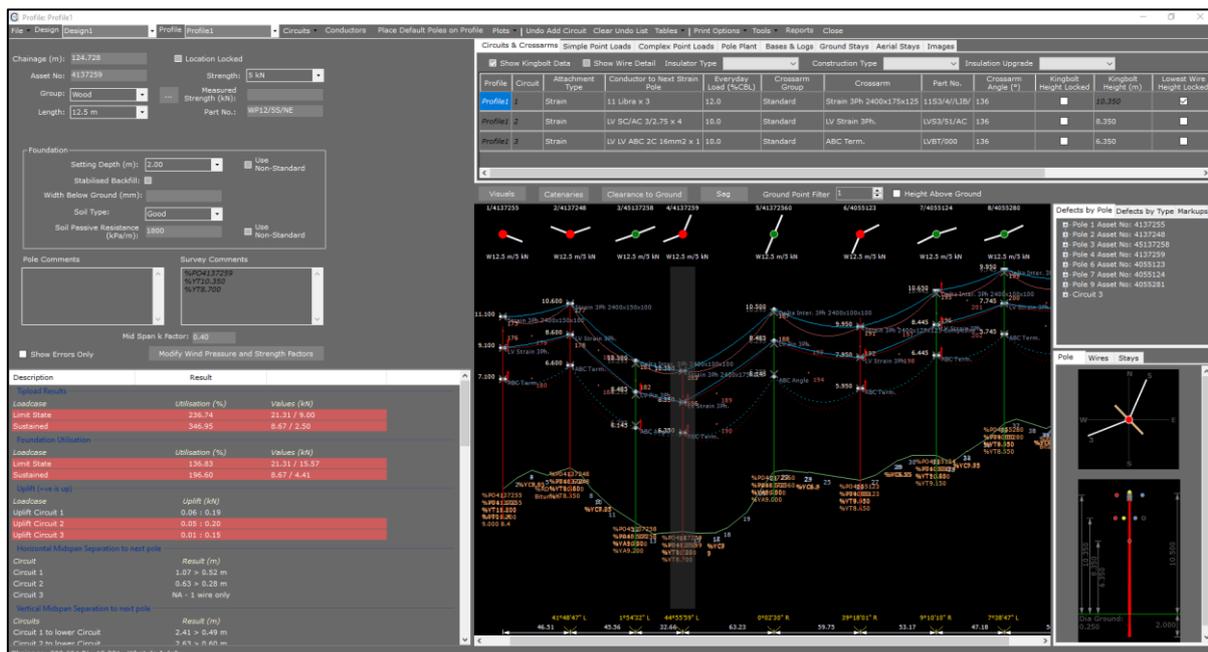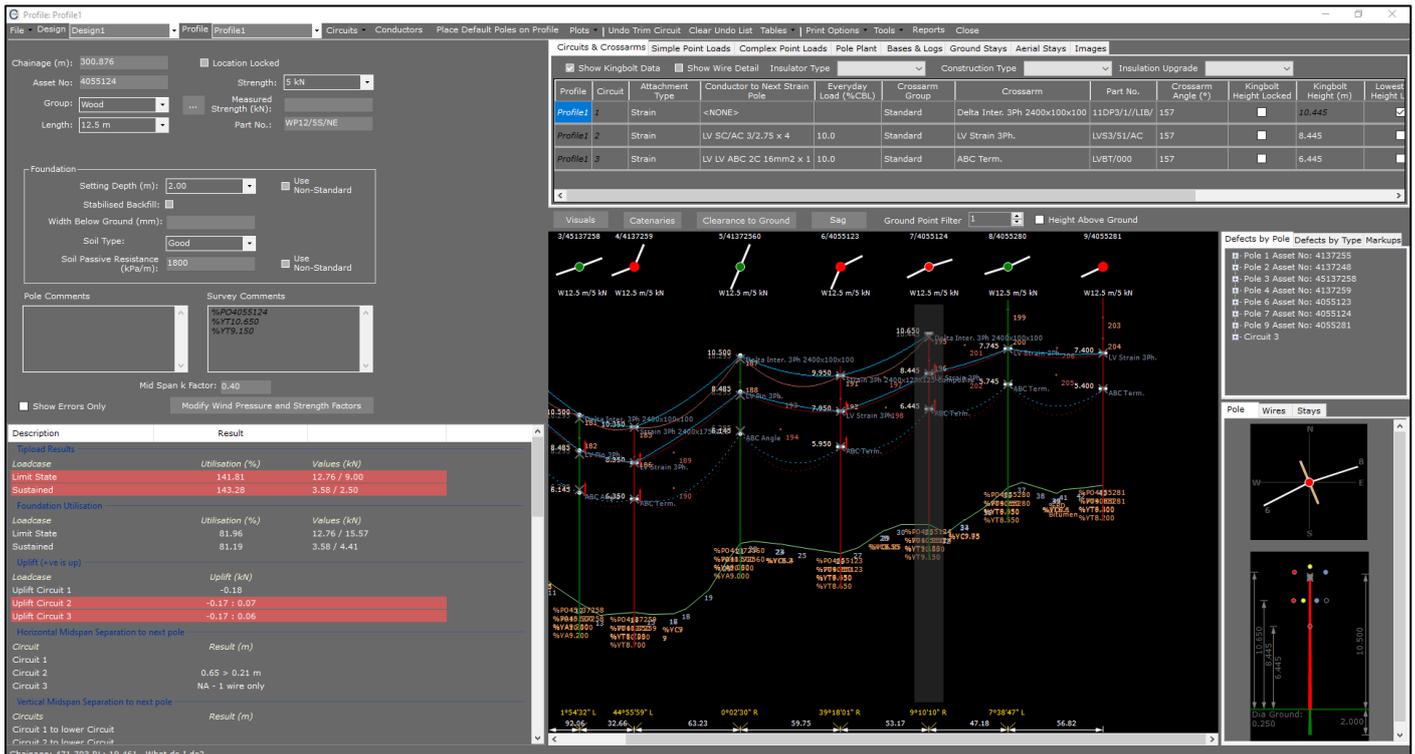
Trimming Circuits

We are now going to trim Circuit 1 between poles 7-9.

1. Make sure the 7th pole in the profile is highlighted with a transparent grey background
2. Select **Circuits>Trim Circuit**. The following window will open
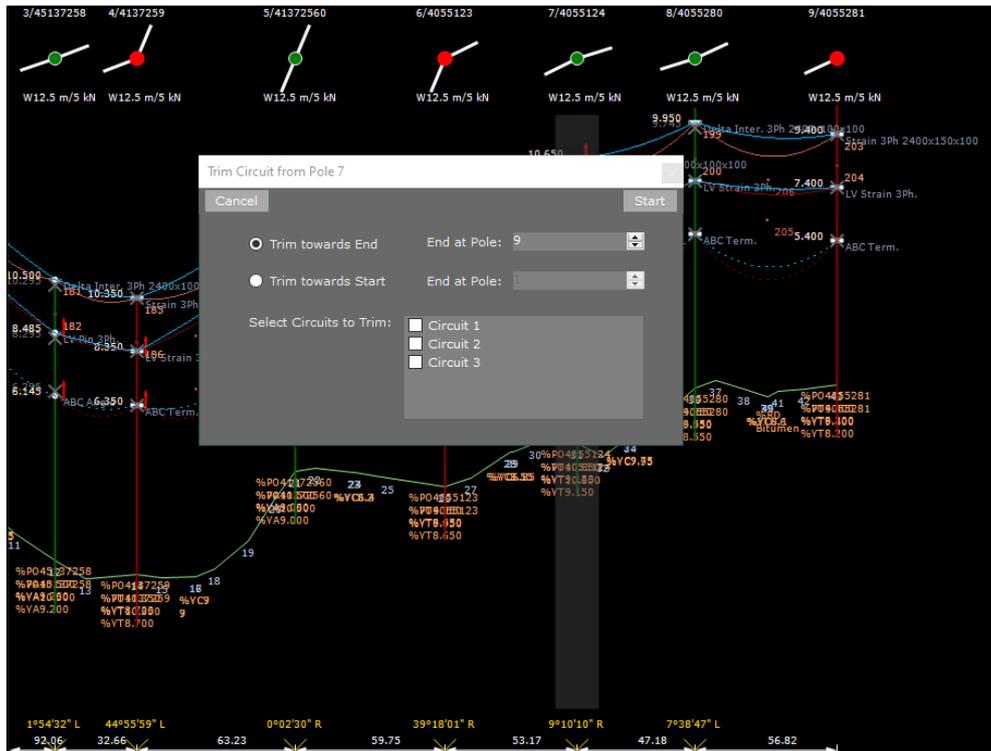
3. Ensure that **Trim towards End** is selected and the **End Pole** is marked at **'9'**
4. Select **Circuit 1** to trim
5. Select **Start** to trim the circuit. Your profile will be updated as shown below

Extending Circuits

THIS FEATURE HAS NOT BE INCLUDED INTO THE CURRENT RELEASE