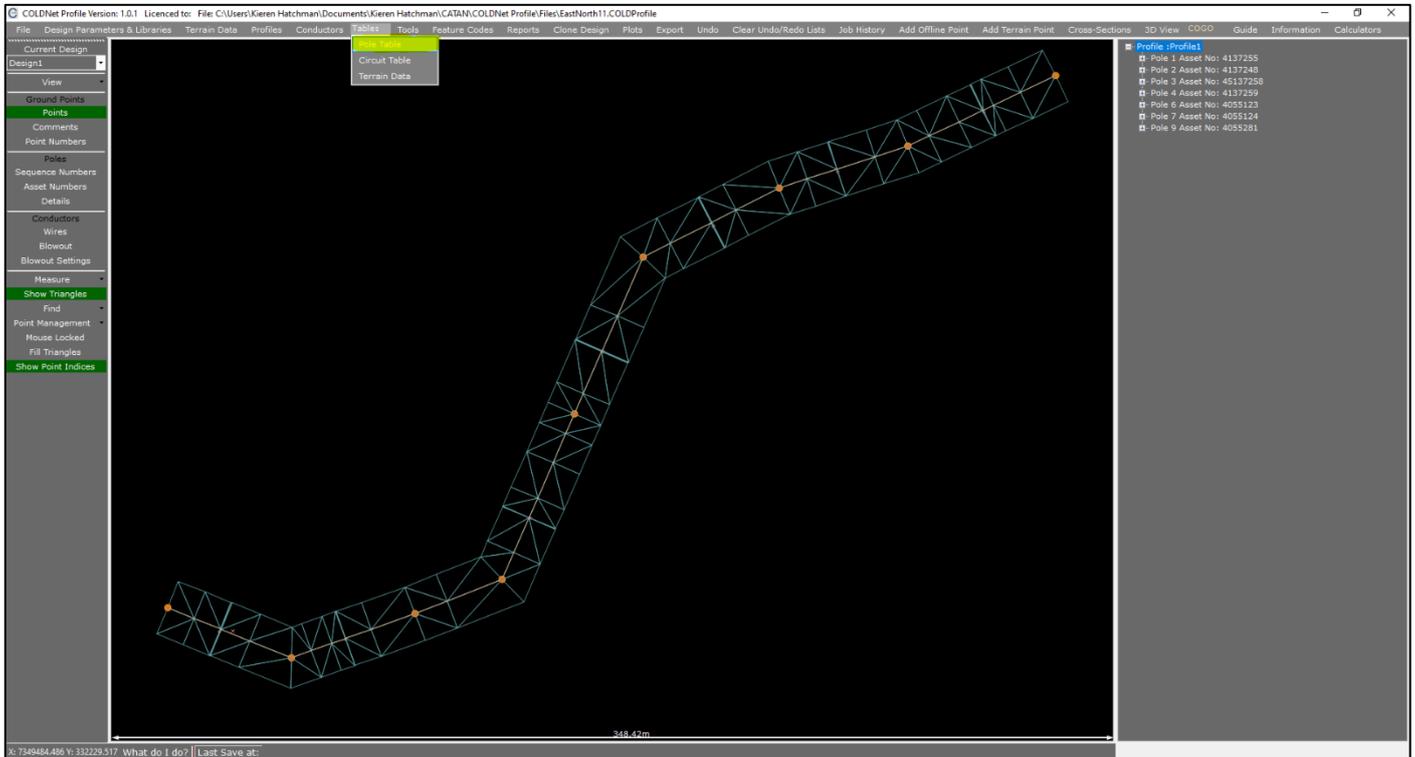# COLDNet Profile – Changes to Default Foundation Properties
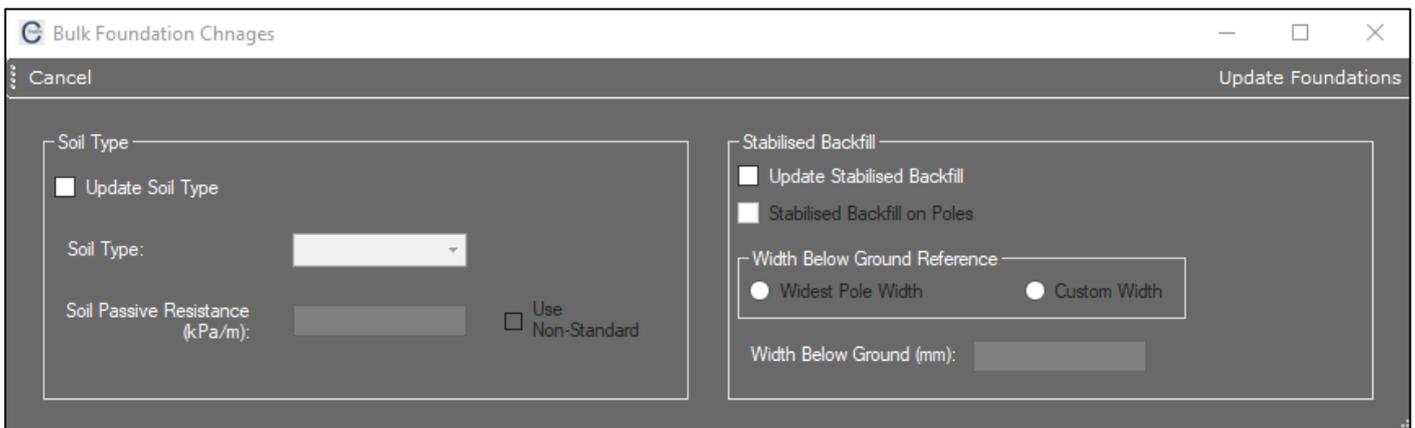
Changes to the default foundation properties (soil type, passive resistance & stabilised backfill) can be made at the profile level after poles have been placed by selecting **Tables>Pole Table** from either the main home screen or the profile window.

Select the **Profile** you wish to make the foundation changes to from the dropdown menu followed by the option to **Set Default Foundation Properties**.


The following window will open.

To update the soil type on the selected profile, check the option to **Update Soil Type**. Select the required **Soil Type** from the dropdown provided which will be populated from the users Soil Library. The **Soil Passive Resistance** value will be displayed in the textbox provided. Alternatively, you can select to **Use a Non-Standard** soil passive resistance value by checking the box and entering the desired strength value.
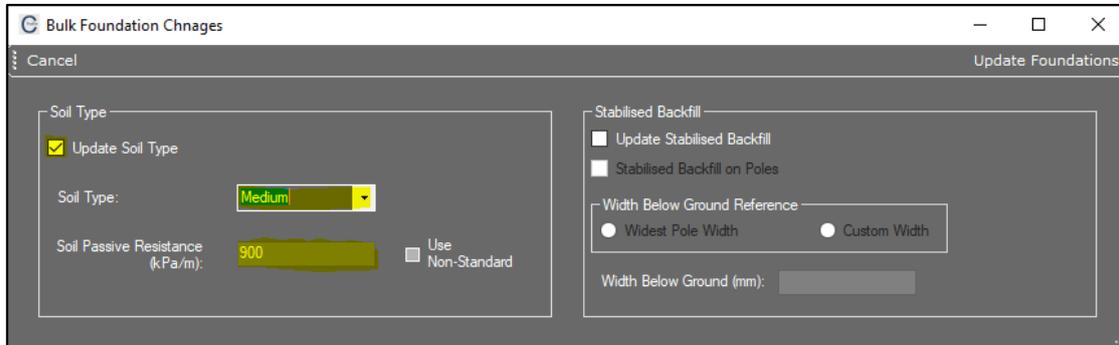
To update the stabilised backfill on each of the poles in the selected profile, check the option to **Update Stabilised Backfill**. If you want to add stabilised backfill to each of the poles check **Stabilised Backfill on Poles**. If you wish to remove stabilised backfill on the poles un-check this option.

Stabilised backfill can added to each of the poles using the **Widest Pole Width** for each of the individual poles as the reference to generate the **Width Below Ground**. Alternatively, you can set a **Custom Width** which will set the **Width Below Ground** to the value entered by the user for each of the poles on the profile. The value entered for the **Width Below Ground** must be bigger than the minimum widest pole width for any given pole. Select the option that best suits your design.
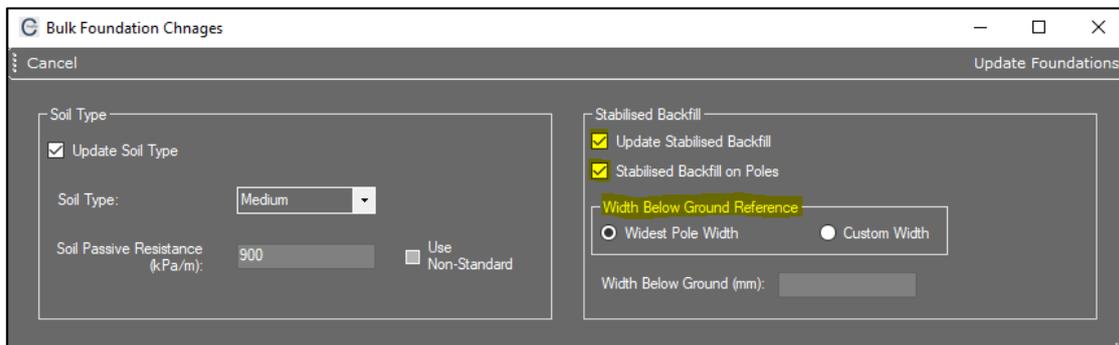
Once the changes to the default soil type and/or stabilised backfill have been made select **Update Foundations** to update the design.