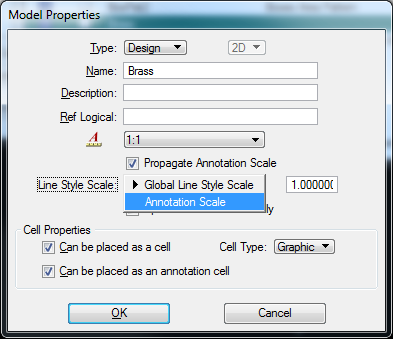
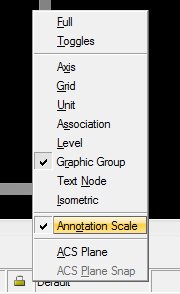
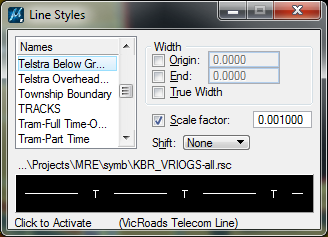
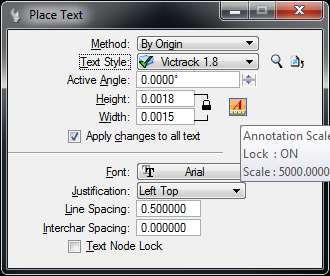
The **Annotation Scale** functions have improved a lot in the last few years and when we upgrade to Connect Edition and adopt some of the other new enhancements it will be even more productive to adopt it’s usage (if you haven’t already). In the past, I have always been sceptical of using Annotation Scale as it has had a number of issues in its early days, I believe that the way it works now is workable so long as you follow a couple of simple rules.

1. One Model – One scale. Limit the usage to have scaled elements all with the same scale factor in the one model.
2. Your complete workspace environment needs to be updated to enable Annotation Scale to work efficiently. Examples are as follows.
   1. Turn ON Annotation Scale for all cells that are scalable to drawing scale (Patterns and most symbolic symbols)
   2. Create Text and Dimension Styles to work with Annotation Scale.
   3. Menu systems need to be updated to accommodate Annotation Scale usage to ensure that items work as required in all situations.
   4. Training users to adopt the change.
      1. How to turn it on.
      2. How to make Line Style Scale and Text size work.
      3. Where to find the required settings and any other knowledge required.

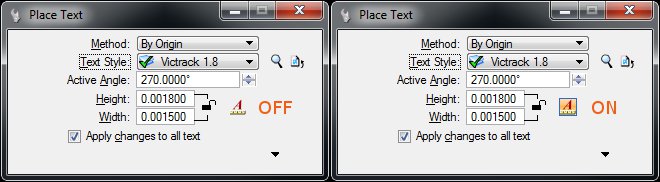
To make Line styles work with annotation scale you need to change the model properties setting from **Global Line Style Scale** to **Annotation Scale** (Fig 1) and have the annotation scale lock turned **ON** (Fig 2).

Fig 1. Fig 2. 

For text to use annotation scale the text size setting need to be set to the printed size. Fig 4 shows text to be printed at 1.8mm text height. (Master units set to metres) This applies no matter what scale the drawing is set to.

Fig 3. Fig 4.

The annotationscale lock can be turned **ON** in most dialogs where necessary with the icon as shown in (Figs 4 & 5).

Fig 5.

Make a cell into an Annotation Cell, by simply ticking Annotation ON in the Models dialog (Fig 7). Only symbolic cells need to be set, as other cells are usually placed at full size. To apply the scale, the annotation scale lock must be on when the cell is placed. Fig 6 shows the cells that can be placed as annotation cells, marked with the annotation symbol in the column next to the type column.

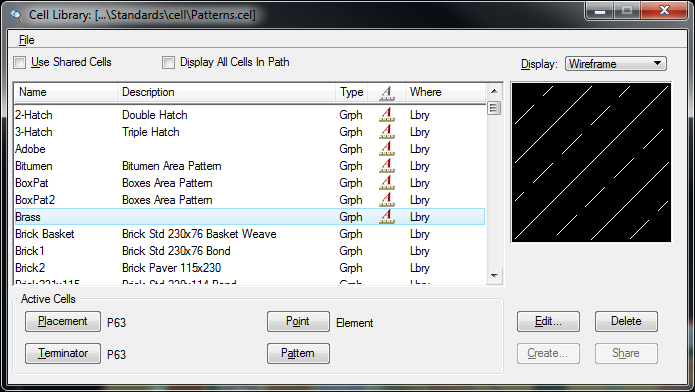
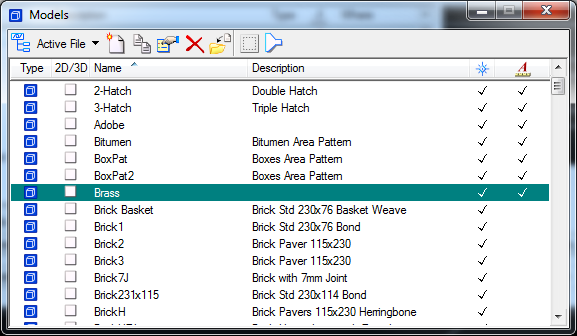
Fig 6.

Fig 7.

Tips by John Davidson – Secretary **B**entley **U**ser **G**roup **V**ictoria **A**ustralia.