The Illustrating Process

- Directors to try and produce a composite cut plan of features.

- Plans to be traced directly into survey prepared master file (if possible) or fresh template.dwg CAD file containing prepared layers. Drawing straight into CAD will ensure features etc. are placed into a real space model (Scale 1:1). This CAD drawing can then be located onto the National Grid coordinate system.
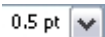
- CAD drawing should include all the information gathered in the permatrace plans and these should be placed into separate layers depending on type, i.e. feature layer, baulk layer, stone layer etc. These layers can then be turned ON or OFF depending on requirements, meaning nothing need be deleted from the main CAD drawing.

- Only polylines, 3D polylines and splines should be used when drawing in CAD as plain lines will not work in Illustrator. Lines drawn in CAD should be 0 in width.

- Colours can be used in CAD especially with regard to differentiating layers. These can also be exported into Illustrator as only the final stage of the process will require the introduction of a greyscale.

- A standard North arrow and scale will be provided and should be inserted into the CAD illustration. This helps to ensure there are no scaling problems when the CAD drawing is exported into Adobe Illustrator.

- Text, hachures and hatching/shading will not be included in the CAD drawing as they cannot be exported into Adobe Illustrator. These will be added at the Illustrator stage.

- CAD drawings can be imported into Illustrator on a layer by layer process. Each layer in CAD should be assigned its own layer in Illustrator.

- The line width in Illustrator should be 0.5pt.

- Paper sizes should be as follows;

  A4 Portrait   W = 16.5cm
                    H = 25cm

  A4 Landscape   W = 25.7cm
                     H = 15.9cm

- The final publication drawings should follow the Oxford model so colours should be removed.

- Drawings in Illustrator should be saved as .AI files. From this master file they can be converted to tiffs or jpegs, depending on their final use, and should be small in size (obviously depending on the amount of content).