

**An Eye For Design Ltd**

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### **AutoCAD a powerful tool**

Imagine a book of tracing paper with the site plan the bottom page, then on every further piece of tracing each of the building services drawn on, 1 page for heating, 1 for lighting, 1 for ducting.etc etc. Traditionally with tracing paper you move the pages in and out as you require them, looking individually at each building service. Of course you can layer this up with a few pages, but after a couple of layers of tracing the image is foggy, and hard to read. Tweaking a drawing is harder with this method, you need to look at each sheet individually and of course amend each sheet individually as the site takes its shape and form.

This is where AutoCAD steps in ; AutoCAD drawings are 'layered' onto the master site plan, elevation or 3D image, enabling each 'layer' to be turned on or off accordingly . Vision though (unlike the traditional tracing paper) is not an issue, the layers do not diffuse other layers as they are turned on and manipulatively this tool is fantastic as it enables you to see the full impact on all trades together; Coordinated documents are consistent from sheet to sheet.

By holding all the information on one plan means that they are accurate and concise; a co ordination of all trades. Coordinated documents are essential to minimizing construction delays.

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