Construction Services

excitech
naturally balanced partnerships

Temporary Works with SketchUp

SketchUp is a widely used, but underrated productivity tool. Due to its comparatively low price point (relative to other products in the market), it is often overlooked as a potential solution to the construction sector.

However, SketchUp has some competitive advantages when it comes to considering areas such as temporary works. One of these is that it is simple and quick to use, this means there are no extended training courses and it is easy to dip in and out of as required. But its main strengths lie in its extended community, which has come about through its open programming interface, and its longevity in the marketplace.

Part of its extended community includes a website for plug-in modules to provide additional, low cost, focused applications to enhance.
Sample applications include:
- Scaffmax for parametric scaffolding
- IESve for building performance and
- Placemaker for quickly building up cityscapes

The extension library has over 750 extensions and can be found at **www.extensions.sketchup.com**.

Another strength of the SketchUp community is its 3D

Warehouse. This is an area where users share their custom-made libraries and content.

Free of charge, there are thousands upon thousands of libraries, including from manufacturers and suppliers which enable the user to quickly produce models portraying options and intent.

Libraries of SketchUp objects can be found at **www.3dwarehouse.sketchup.com**.

Finally, utilising SketchUp for temporary works reduces risk. Where temporary works is conducted using an original authoring tool, there is an inherent risk that the model could inadvertently be modified leading to potential issues being created downstream.

By importing the model into SketchUp it ensures that the integrity of the original model cannot be compromised, however, the completed model in SketchUp can be imported in to design tools such as Revit if required for a coordinated environment.

For more information on our construction services please call 01992 807 444 or email **marketing@excitech.co.uk**.

Features and Benefits of Temporary Works with SketchUp

- Risk Mitigation – no concern about compromising original model
- Easy to use
- Easy to learn
- Extensive application library

- Increased efficiency
- Greater planning visibility
- Better coordination for tasks with parent/child relationship
- Extensive object library