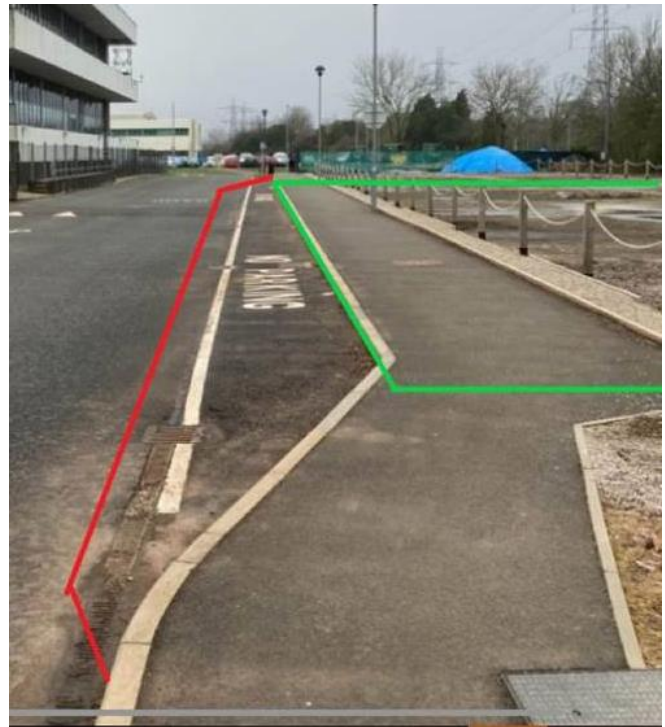


## Digital Version of a Sketch

Drawings are essential to convey the correct information for installation. However, drawings are expensive to produce especially if the client is not sure what they want.

On a recent project, the designers had already expended a lot of time producing a drawing for a new building that would overlap an existing footpath. When the client saw the drawing, they didn't like the proposal which meant there was a waste of valuable design time and less time available in the overall project programme. A site visit took place and this digital version was agreed in principal. This took minutes to produce and is very visual for the client to appreciate what is being proposed. The final drawing could now be produced in high confidence that it would be accepted.



Other digital tools can also be used to annotate including Google Earth, pdf drawings and photographs. This annotation superimposed a 3d model onto a photograph to show a critical sequence of events for installing a new header pipe without affecting the existing supply.

### **CONSTRUCT - NEW FLANGED SPOOLS INSTALLED (SHUTDOWN)**

