

## Earthworks

To facilitate this ambition of getting the quality right, these checks should take place:

- Ensure you know what your starting levels are and what your new levels will be
- Work out the quantity of spoil to be removed. If it needs to go to a tip, is there one locally that can accommodate the quantities to be removed?
- Is the spoil good enough for other uses such as backfill? Could it be used offsite?
- Obtain a ground investigation report and chemical analysis report of spoil being removed
- Is a soakaway required on the project? If so ensure ground investigation and chemical analysis reports are completed
- Obtain CBR (California Bearing Ratio) results as soon as possible to determine build-up
- Ensure you are aware of all services on site and who owns them
- Do you have a copy of existing drawings for utility services including power / water / gas?
- Ensure the environmental report / planning report is checked for the likes of Japanese Knotweed
- Are there any trees / roots near services causing issues for diversions?
- Be aware of ground conditions when layers are stripped away. Where will the water go? Check planning conditions
- Bulk setting-out points are critical
- Check calibration certificates for equipment
- Survey stations need to be checked
- Check grading / certificates for Type 1 frost resistance
- A permit to break ground should be obtained from site management prior to any works commencing
- Deal with contaminated land, asbestos etc appropriately
- Has a ground radar survey been carried out and compared with existing utility services drawings for anomalies?
- Have services trial holes been carried out checking for depths etc and marked up on relevant drawings?

### Our Quality vision:

We will get it right first time on all our projects by delivering exceptional customer service

