



Earthworks

**killingley**

Complete Earthworks  
Solutions



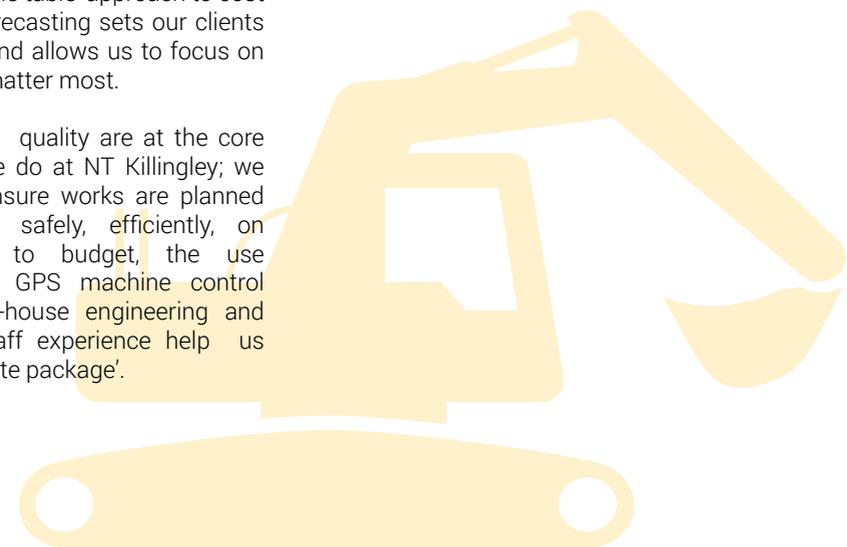


NT Killingley's Earthworks Department utilises the latest industry-leading, plant, technology and techniques to provide the most efficient and cost-effective earthworks solutions.

With focus on early contractor involvement and client partnering we aim to use our broad in-house expertise and experience to help our clients achieve their goals.

We pride ourselves on developing innovative strategies and solutions which improve efficiency, saving time and money. Our 'on the table' approach to cost certainty and forecasting sets our clients minds at ease and allows us to focus on the things that matter most.

Production and quality are at the core of everything we do at NT Killingley; we endeavour to ensure works are planned and completed safely, efficiently, on programme and to budget, the use of cutting-edge GPS machine control technologies, in-house engineering and wide-ranging staff experience help us offer the 'complete package'.





## Specialist Contracting Services

From the smallest to the largest schemes, at NT Killingley we pride ourselves on customer satisfaction; we understand the importance of people and relationships and aim to empower our staff to excel at providing solutions for our clients to bring in projects on time and as cost-effectively as possible.

We offer a wide range of services including:

- Specialist, Complex or Multi-Faceted Earthworks Projects
- On & Off Site Bulk Earthworks
- Site & Vegetation Clearance
- Land Reclamation & Restoration
- Flood Alleviation Schemes & Works in Watercourses
- Reed Bed Installation and Refurbishment
- Demolition
- Crushing/Screening & Supply of Soils & Agregates
- Soil Stabilisation , Ground Modification & Stone Replacement
- Ex-Situ & In-Situ Materials Recycling

# Production, Quality & Innovation

Production is one of our core values – by maximising production, whilst maintaining or improving quality, we can ensure we are providing our clients with the best value money can buy.

Our fleet of plant is subject to constant investment with machines regularly replaced to ensure they are up to the most current standards and are therefore capable of class-leading production outputs whilst being as efficient as possible and meeting all current environmental regulations.

We aim to be at the forefront of innovation within our industry: 'machine control' systems are fitted to all our larger excavators and dozers to enable us to perform more efficiently and accurately on site, this capability is supported by our in-house engineering team who enable and monitor the use of machine control by creating and managing the 3D project information; material movements on and off site can be recorded by our automated tracking technology both for production monitoring and quality verification / project validation purposes; project progress and validation is provided by utilising the in-house



## Complex Multi Faceted Contracts

NT Killingley have the ability to cover the full spectrum of commercial and non-commercial construction projects. Our unique position enables us to provide efficient and cost effective solutions to initial Engineering and Earthworks right through to Hard Landscaping, Soft Landscaping and Grounds Maintenance.

### Engineering

Our team of engineers are available to help with every aspect of engineering, and surveying that your project may need from: feasibility analysis, volumetric calculations and planning solutions; to on-site control, progress surveys/ reporting and as-built records.

### Soft Landscaping

Soft landscaping is the finishing touch that provides the greatest visual impact to any scheme. With long established links to the leading nurseries and horticultural suppliers that the UK and Europe has to offer, the qualities of our installations are always to the highest standard.

### Hard Landscaping

We are one of the UK's leading Hard Landscaping Contractors, offering an unsurpassed level of quality and workmanship. Our services include Modular and Decorative Paved Surfaces, Surface Dressings, Gabion Baskets and Retaining Structures.

### Grounds Maintenance

Specialising in complete grounds maintenance we always pay close attention to the environmental impact of our work. For grounds enhancement, we can offer a tailored plan of flower rotations, plantings, mulching and seasonal clean-up along with tree management, pest/disease management and winter maintenance programs.

# Engineering Surveying Services

Our team of engineers are available to help with every aspect of engineering and surveying that your project may need from: feasibility analysis, volumetric calculations and planning solutions; to on-site control, progress surveys/reporting and as-built records; to maintenance and inspection.

We can undertake all manner of surveying and engineering tasks either individually, distinctively or as part of a greater involvement with your project; ensuring your scope and deadlines are met, these may include:

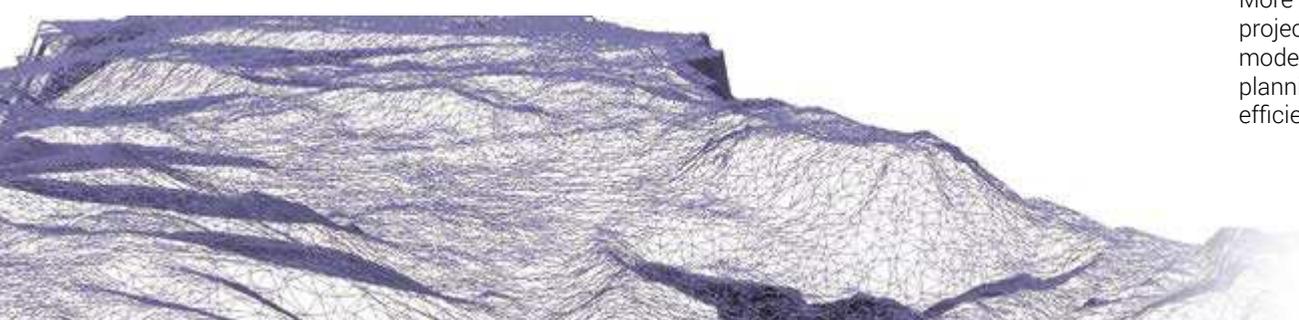
- Topographical/land surveys (pre, during and post construction), GPS, total station, laser scanning, levelling etc.
- Aerial surveying, photography and filming.
- 3D modelling and rendering.
- Feasibility analysis.
- Volumetric and cut/fill analysis.
- Measured building surveys.
- Site engineering, setting out and dimensional control.
- Machine control setup, support and model design.
- Boundary and boundary dispute support.
- Tunnelling and underground control and surveying.
- Long term monitoring.
- Utility surveys and mapping.
- Progress reporting including surveying, imagery, aerial work and filming



## 3D Modelling and Project Analysis

Our engineers are highly experienced in producing 3D digital terrain models, 3D renders and point clouds for use in all aspects of the project life cycle. We operate cutting edge 3D modelling software capable of multiple input and output formats including BIM integration.

More often than not we find we can incorporate design changes that greatly increase project efficiencies with the benefit of savings in both time and costs. Utilising 3D modelling also brings increased project understanding, which leads to more accurate planning and potential incorporation of machine control systems to realise even greater efficiencies.





## Ethos

NT Killingley's aim to be at the forefront of Health & Safety, innovation, production and quality; we constantly strive to be the best at what we do.

We are people orientated with a focus on teamwork and partnering, our staff are experienced an highly trained, supported and motivated with a pride in what we do.

We aim to focus on early contractor involvement and partnering with our clients to ensure the benefits of our in-house expertise are maximised and the most cost effective and efficient solutions are explored and investigated, engineering added value into schemes.

We have a variety of staff specialisms such as surveying, engineering, soil mechanics, ecology, 3D modelling, who provide expert support where required.

## Dimensional Control and Setting Out

The key to accuracy on any project is the quality of control and setting out. Our engineers are able to undertake all aspects of survey control establishment, checking and maintenance to ensure your site control stays accurate and precise. We can undertake control checks and transformations as required to ensure you are tying in with design information be it in National or Local Grid formats whether it is for use in construction, monitoring, machine control, or any other application.

Setting out can also be undertaken for clients: profile boards, batter rails, kerbing pins, etc can be installed for use on site following interrogation of your design information.

### Machine Control

Our Engineering Department work closely with the rest of the NT Killingley team to provide 3D modelling, support and troubleshooting for their fleet of machine controlled equipment, these are services we also offer externally.

We can help clients with 3D model creation for use in all machine control systems and applications. We can interrogate on site control to cross reference with 3D models, establish base stations and perform transformations from National to Local Grids if necessary to ensure the finished works comply with the design requirements.





NT Killingley Ltd offer an award winning commercial landscape and earthworks contracting service covering all aspects of bulk earthworks, groundworks and landscaping. With a full time staff of 150 and a turnover of £15 million, NT Killingley can offer sufficient skills and financial capacity to carry out the largest projects. Complex projects are a particular speciality as the Company has a large skilled in-house workforce, covering all the trades found in hard and soft landscape projects, earthworks, sports pitch construction, play areas, fencing and grounds maintenance work.

## Contact Details

**Jody Matthews** Estimating Manager

[jody.matthews@killingley.co.uk](mailto:jody.matthews@killingley.co.uk)

T: 01246 859 666