

An aerial photograph of a sports facility under construction. In the foreground, a green football pitch with white and yellow markings is visible. To the right of the pitch, a large area of brown earth is being prepared, with a yellow excavator working on it. Further right, there are several rectangular solar panels laid out on the ground. In the background, there are white arched structures, possibly covered walkways or seating areas, and a parking lot with several cars. The Killingley logo is in the top right corner.

killingley

CAPABILITY STATEMENT

NT Killingley Ltd.

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1: Introduction

NT Killingley was formed in 1972 and has enjoyed sustained growth over 40 years to become a multi BALI award winning landscape contracting organisation. With a wide spectrum of specialities we can provide a full end to end service from initial site surveying right through to the aesthetic finishing of the project and the ongoing maintenance.

Our client base includes many County, Metropolitan and Local Councils, along with a variety of public bodies, architects, private enterprises and the UK's leading construction companies.

We 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.

Utilising the latest, industry-leading plant, technology and techniques to provide the most efficient and cost-effective solutions and 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 mind's at ease and allows them 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'.



2: Our Services

Having been in operation for more than 45 years, NT Killingley has developed a reputation for delivering practical solutions that set the bar in quality. We have proven expertise in working in complex and demanding project environments and are renowned for tackling some of the most challenging projects.

Engineering:

Our team of engineers are available to help with every aspect of site engineering, setting out and surveying that your project may need from: feasibility analysis, cut and fill analysis, volumetric calculations and planning solutions; to on-site control, progress surveys/reporting and as-built records. We also have a fleet of GPS UAV's piloted by fully qualified and CAA licensed operators for aerial surveying.

Areas of Expertise:

- 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
- Tunnelling and underground control and surveying
- Long-term monitoring
- Utility surveys and mapping
- Progress reporting including surveying, imagery, aerial work and filming



Earthworks:

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

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

Areas of Expertise:

- Site Clearance & Vegetation Removal
- Specialist, Complex or Multi-Faceted Earthworks Projects
- On & Off Site Bulk Earthworks
- Specialist Earthworks & Design
- Civils & Drainage
- Flood Alleviation Schemes & Works in Watercourses
- Land Reclamation & Restoration
- Engineering, Surveying & Setting Out
- 3D Machine Control
- Supply of Top Soil & Fill Materials
- Demolition
- Soil Stabilisation & Stone Replacement
- Road Recycling
- Tipping Facilities
- Soil Manufacture & Amelioration
- Reed Bed Installation & Refurbishment



Hard Landscaping:

Having successfully undertaken work on a wide range of projects, including public realm areas, highways, university campus', car parks and open spaces we have gained an in-depth knowledge of the industry.

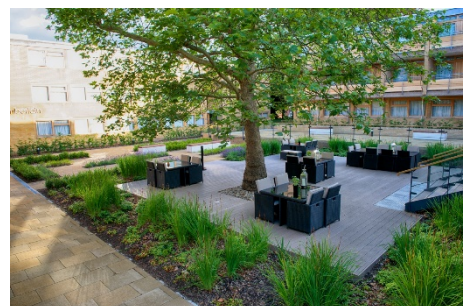
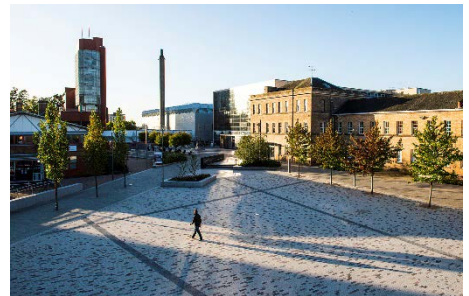
Working on projects ranging from £10k to over £1 million in value we have a varied experience in paving and landscaping schemes.

Since 2014, our quality and workmanship has been acknowledged with 3 prestigious BALI Awards, including winning the Principal Award for the works at Uppingham School in 2014 and a category award in 2017

In 2017 our work on the Fielding Johnson Square project received a LJCC Merit Award for Craftsmanship.

Areas of Expertise:

- Public Realm
- Utilities Patch Repair & Reinstatement Works
- Modular and Decorative Paved Surfaces
- Minor Civils including Highways
- Gabion Baskets and Retaining Structures
- Bollards, Seating, Signs and Street Furniture
- Asphalt and Safety Surfacing
- Drainage and SUDs
- Service and Utility Diversion
- Car Park Construction
- Specialist Surface Dressings



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 have to offer, the qualities of our installations are always to the highest standard.

With long established links to the leading nurseries and horticultural suppliers that the UK and Europe have to offer, the qualities of our installations are always to the highest standard. Complex projects are a particular speciality as the company has a large skilled in-house workforce and have experience in large commercial developments, private country estates, public realm, amenity forestry, retail parks and sector 2A and Sector 18 works.

Areas of Expertise:

- Tree, Hedge & Shrub Planting
- Site Clearance & Specialist Tree Felling
- Fencing
- Semi-mature tree selection and planting
- Specialist Tree pit construction in roads and hard surfaces
- Total Weed Control, including Japanese Knotweed
- Planting of trees and shrubs
- Pathways and Bridal ways
- Soil Manufacture
- Large Infrastructure landscapes
- Forestry Establishment
- Amenity, Sports Seeding and Turfing
- Wildflower Seeding
- Sports-Turf and Grass Management
- Summer and Winter Bedding
- Arboriculture, including felling, dismantling, pruning, crown lifting and full tree surveys
- Forestry Maintenance
- Specialist Top Soil Provision



3: Management Systems & Resources

Our experience of working in a collaborative relationship with our customers has been advantageous for all the stakeholders involved and we have found that by working to common aims and objectives with continuous improvement driven by pre-set Key Performance Indicators we have been able to reduce costs and improve service as perceived by all parties. Many of our past projects have been successful as a result of our management procedures. We are committed to delivering not only the service requested but are particularly proactive with suggestions for improvement to our service.

As part of our IMS (Integrated Management System) we have the tools available to monitor our performance ensuring that we deliver a service tailored to our clients requirements.

ISO – Integrated Management Systems

Quality - We are certificated to [ISO 9001:2008](#) standard which demonstrates a high standard of commitment to both our staff and clients.

Environmentally - we are accredited to [ISO 14001](#) which has confirmed our already high commitment to ensuring we deliver our services in the most environmentally sensitive fashion.

H&S – Achieving [ISO 18001](#) standard in 2014 - all our processes and activities we have been assessed by ISOQAR and ensure a whole company approach to H&S.

Order to Completion - We are able to offer a service whereby you will have a dedicated Contracts Manager on your scheme; a contact within the office and regular staff who will be on hand to ensure that there is a seamless and transparent service offered.

Resources

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 specialty as the Company has a large skilled in-house workforce that doesn't rely on sub-contractor support.

We have a comprehensive range of vehicles, plant and equipment to fulfil a broad range of landscape activities, this is further bolstered up by our accounts at numerous plant hire companies where we are recognised as a key account and therefore are able to source items of plant at short notice. Our equipment is serviced, maintained and repaired by our own in-house staff who have a thorough understanding of the importance, complexity and diversity of the equipment required on a day to day basis and ensure that we have correct kit available at all times.

4: Case Studies

Engineering - 3D Point Cloud



The Project

Our client was planning the redevelopment of a processing plant and NTK Engineers were tasked with providing fully detailed topographic & building surveys of the plant, to include locations of buildings, structures, conveyors and gantries. Further to the brief, heights of structures, features and equipment were to be provided to aid the resign process.

The Solution

Historically, a measured survey would have been carried out with a theodolite or more recently, Total Station, involving many engineering hours to complete. NTK utilised a hybrid Topographic-UAV surveying solution to fulfil the survey criteria, radically different to traditional surveying techniques. Leica TS16 Total Station provided the control network and internal surveys whilst the main dataset was collected using a survey-grade UAV (Unmanned Aerial Vehicle)

The UAV carries out the survey efficiently and autonomously with little pilot input, covering large areas very quickly. It is also able to survey areas and features which would normally require physical access provisions such as scaffolding/MEWPs etc.

Processing Plant Redevelopment

Division: Engineering

Client: Tarmac

Date: 04/2016

The Delivery

The 3D point cloud model was supplied to the client, along with CAD drawings and plans, furnishing the design consultants with not only the 'traditional' plans and elevations, but a full 3D digital model of the building interior & exterior and all its features in detail.



Earthworks & Landscaping - Commercial



The Project

The Olympic Legacy Park, in Sheffield, is a 2012 Olympic Legacy hub for health and wellbeing research and learning. Situated in the East End of Sheffield on the site of the former Don Valley Stadium and forms an important part of the Innovation District; creating a world class research and innovation environment for the production of new products, processes and services in healthcare technologies, sports and exercise medicine.

The Solution

The project involved the earthworks and landscaping installation of a multi-million pound, the 35-acre site including sports, education health and leisure facilities. NT Killingley were heavily involved designing the proposed 'landscape mounds'.

Flame and Coleridge Hill were designed to a specification which predominantly focused on public health and safety but also maintenance, this, in turn, dictated batters and slope allowances, the scheme was carried out on a contaminated brownfield and special measures were incorporated into the design due to the presence of various contaminants including asbestos fibres.

The Landscape Architects keen eye for symmetry throughout the design stage added design complexity whilst NT Killingley ensured specification was adhered too.

Olympic Legacy Park

Division: Earthworks

Client: Henry Boot Construction

Date: 06/2017

The Benefits

The landscaping has been designed to enhance urban ecology, with a variety of habitats to increase flora and fauna.

Over half a million tonnes of earth was shifted to make way for the facilities with the earth being used in the construction of the mounds. The high viewpoint offers a spectacular views across the sports pitches and the city.



Earthworks & Landscaping - Commercial



The Project

High specification engineering was required to complete this new reservoir for Anglian Water.

Extensive soil testing to prove compliance with a complex geotechnical specification was required. In-house conversion of design information into 3D models enable the project to be undertaken with our own GPS controlled excavators and bulldozers to produce the final earth shapes within the required tolerances.

Careful materials handling and selection was key to producing a watertight finish which was obviously critical. The profiles were completed by the installation of several hectares of Enkamat A20 liner, using bespoke lifting and pinning equipment.

Hall Water Reservoir

Division: Earthworks

Client: GTM (Galliford Try & Imtec JV)

Value: £700,000





The Project

Basin Square is an exciting new destination in Chesterfield on the edge of the Peak District and within a 40-minute drive of three major cities - Sheffield, Derby and Nottingham.

A high-quality mixed-use sustainable development built across 16 hectares on the edge of the town centre and adjacent to the River Rother and Chesterfield Canal, Chesterfield Waterside is an exciting £340m million regeneration scheme.

The project involved the remediation and regeneration of an existing brownfield in the heart of Chesterfield, previously it was the location of the old Trebor factory.

The regeneration of the site required a minimum 3m depth churn to ensure that any deleterious material and buried obstructions were removed for subsequent pile foundation design proposals.

NTK was aware of the possibility for existing buried pile foundations and working closely with Civic Engineers we had to implement the proposed design for the removal and backfilling operation. NT Killingley also designed and developed the strategy for implementing the work as it transpired that the work was below the water table.

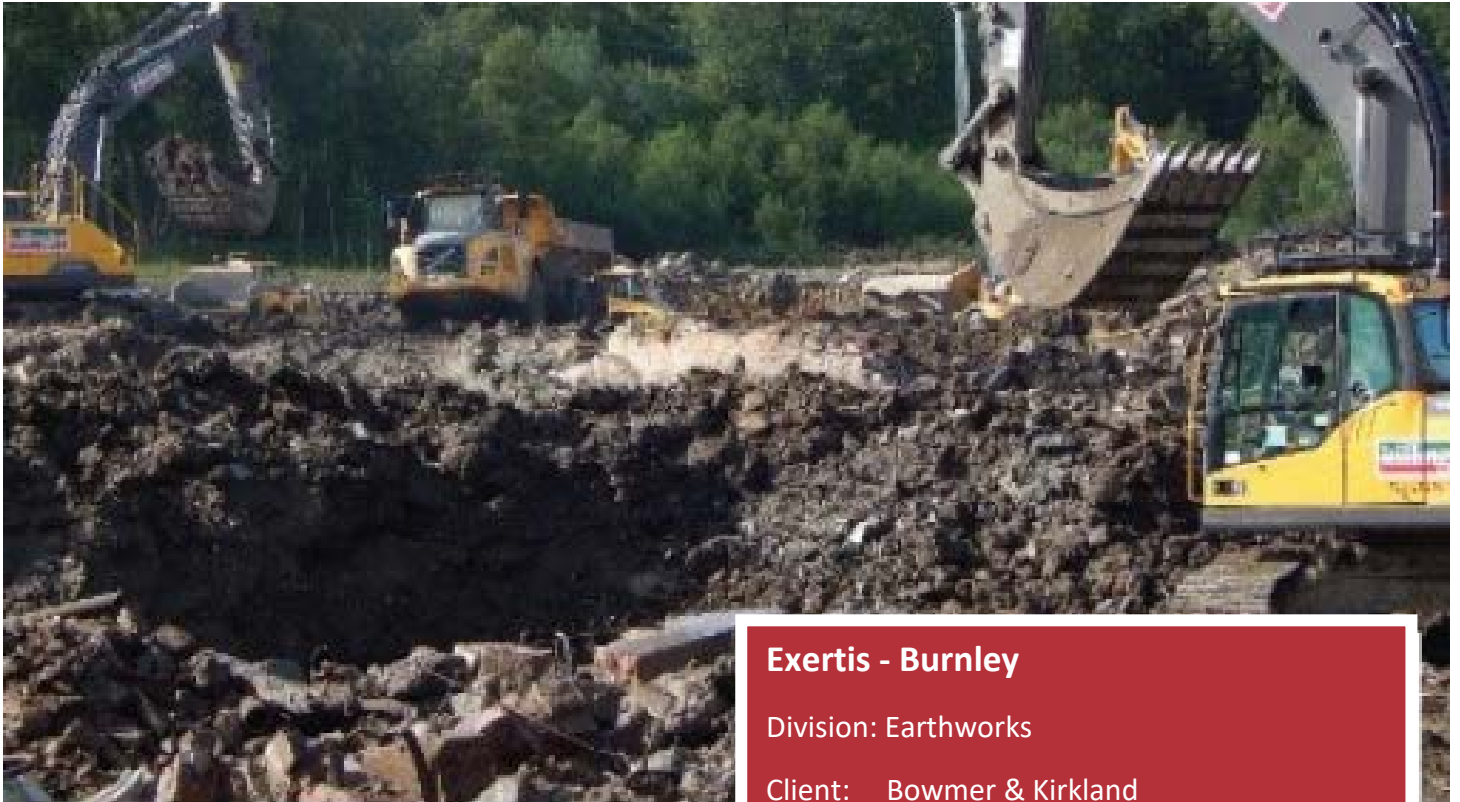
Basin Square - Chesterfield

Division: Earthworks

Client: Bolsterstone PLC

Value: £1,200,000





Exertis - Burnley

Division: Earthworks

Client: Bowmer & Kirkland

Value: £1,100,000

The Project

The completion and remediation of the site, this included excavation and removal of existing historic foundations prior to processing of these materials on site for re-use, following this the general cut to fill operation and 'churn' could take place to allow the creation of the piling mat for the new 65,00m² distribution facility.

The scheme required a cut of up to 9 metres and a fill depth of 7 metres to create the plateau, the fill being modified by lime and cement stabilisation to achieve the required strength.

Approximately, 40000m³ of concrete and hard material was excavated and processed on the site and used as capping, sub-base and regulating material to protect the cement stabilised piling mat.

Carrying out the scheme in this way mitigated the need for offsite disposal and the import of quarried aggregates, drastically reducing the carbon footprint of the scheme and showing substantial savings.



Hard Landscapes – Public Realm



The Project

NT Killingley was appointed as the principal contractor for the redevelopment of an existing underused car park, situated at the heart of the University of Leicester's main campus.

The Solution

There were many demanding logistical and operational constraints involved with the development. The confined nature of the site, as well as the need to maintain pedestrian routes at all times, provided a challenge to the programming of the scheme.

A decision was made to split the works into two phases, completing the main central courtyard area first to allow access around the perimeter of the site, before undertaking the adjoining pathways to allow pedestrian access through the newly paved courtyard. Careful stock control was key to make best use of limited storage space, and weekend working was undertaken in areas where pedestrian routes needed to be closed.

The segregation between deliveries and students, teachers and visitors was critical to ensuring a safe, successful project. Material and plant deliveries were arranged and timed to avoid the busiest periods of day, arriving on rigid axle lorries with designated haulage routes. NT Killingley's site manager worked closely with on-site security to ensure safe access was maintained, and a banksman controlled all plant and vehicle movements.

Fielding Johnson Square

Division: Hard Landscapes

Client: University of Leicester

Date: 12/2017

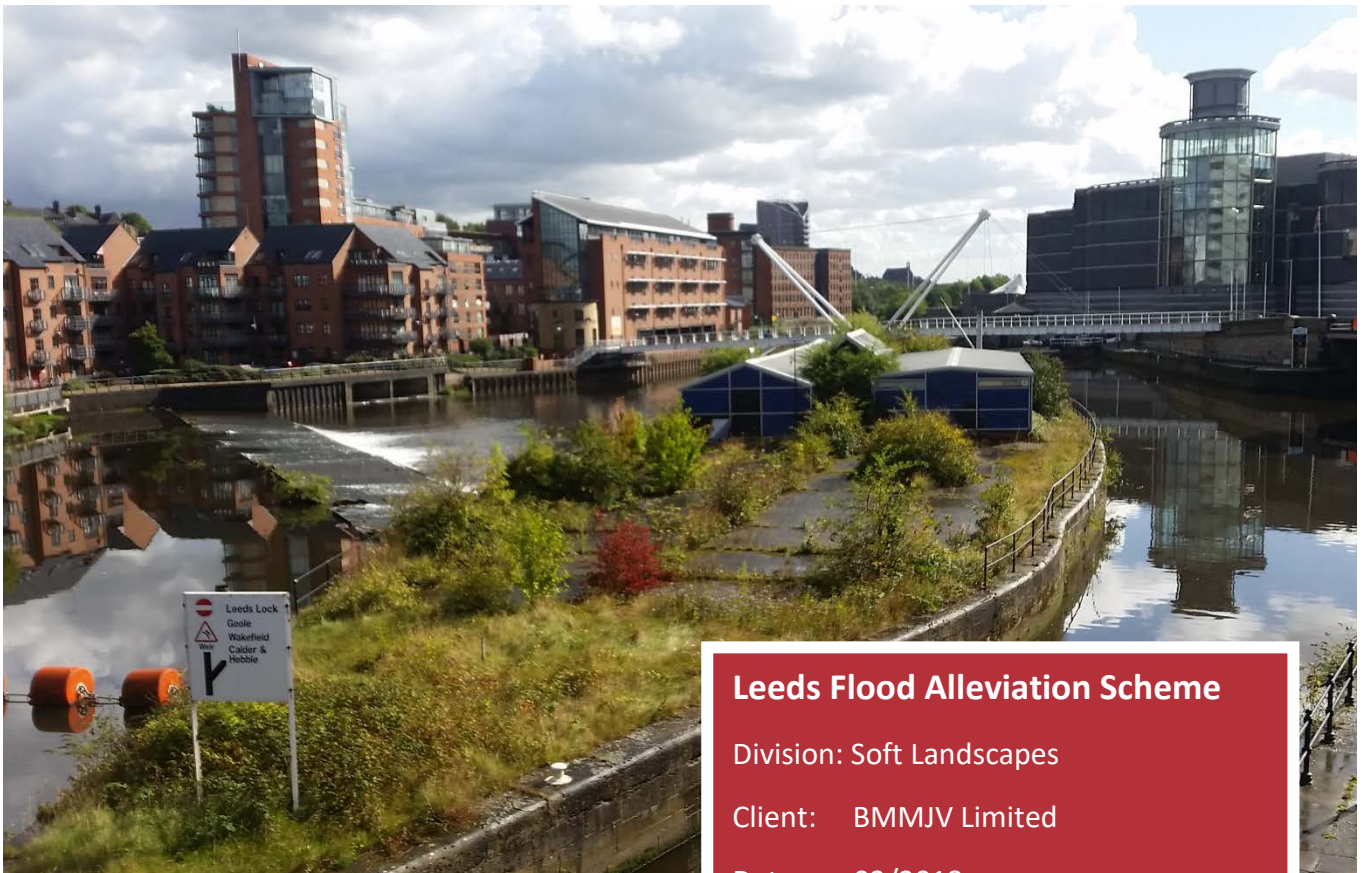
The Benefits

The outcome of the project is a practical area, with the transformed square linking a number of buildings and spaces at the heart of campus to provide a much-improved, vibrant outdoor space for socialising, relaxing and studying. Working collaboratively with both the university and Barry Chinn Associates, the scheme was completed to the highest standard of workmanship.

The scheme was a winner of two prestigious awards:

- 2017 BALI Award in the Hard Landscaping Construction (non-domestic) - Between £300k -£1.5m category
- LCC Merit Award for Craftsmanship.

Soft Landscapes – Site Clearance



Leeds Flood Alleviation Scheme

Division: Soft Landscapes

Client: BMMJV Limited

Date: 03/2018

The Project

Costing in the region of £50 million, Phase 1 of the Leeds Flood Alleviation Scheme is one of the largest river flood defence schemes in the country. It comprises major construction work along the River Aire in the city centre and Holbeck extending a distance of more than 4.5km between Leeds train station and Thwaite Mills.

The Solution

Our initial involvement in the scheme began in February 2015 with the total clearance of all trees and scrub along a 1km stretch of the River Aire in readiness for removal of an existing landform to enable BMMJV to combine the River and the adjacent canal. During the same phase of works removal of vegetation from the walls of the river in the city centre were undertaken by a team working from a floating pontoon.

Health and Safety was at the forefront of every decision made with the works in such close-proximity to the public along with working on, and adjacent to, live waterways. on-site security to ensure safe access was maintained, and a banksman controlled all plant and vehicle movements.

The Benefits

By the completion of the contract NT Killingley had been involved in a number of operations ranging from simple grass strimming, mechanical scrub clearance, sectional felling and removal of mature trees, a 24 month Invasive Weed Control Programme identifying and eradicating Japanese Knotweed, Himalayan Balsalm, and Giant Hogweed, ornamental shrub planting and hedge planting, erection of steel and timber fencing plus elements of High Friction anti-slip surfacing along a newly built section of the Trans Pennine Trail.



5: Certification & Accreditations

NT Killingley Ltd provides a contracting service in earthworks, landscaping, surface dressing, sports pitches fencing and maintenance for a range of clients and main contractors including a number of local authorities and other public bodies.

The company is dedicated to providing all clients with services which conform in all respects to their expectations and the company operates a management system which meets the requirements of ISO 9001:2008 and continual improvement.

Quality objectives are reviewed and analysed at regular management review meetings. Given the progressive nature of quality assurance NT Killingley undertakes to adopt any relevant improvements and developments which will serve to keep the Company at the forefront in all quality matters.

CURRENT ACCREDITATIONS

- ISO 9001 – Quality
- ISO 14001 – Environment
- ISO 18001 – Health & Safety

CURRENT CERTIFICATION

- CHAS – SSIP
- Avetta – SSIP
- Eurosafe – SSIP
- Constructionline – Level 3 Gold
- EA Waste Carrier

CURRENT MEMBERSHIP

- BALI
- CPA
- The Institute of Materials, Minerals and Mining



6: Contact Us



To speak with a member of our Engineering, Earthworks, Hard Landscaping or Soft Landscaping please write, email or call:

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