About us
The foundation of our brand is quality that builds our reputation, credibility and prominence. As simple and as complicated as that...

Our Company
Limaks is a specialist piling contractor offering high quality and value more than anything else. We are a relatively young company, yet our team boasts over 100 years of combined experience in construction and piling industry.

Together, this works well to our advantage – it makes us dynamic, proactive, ambitious, and flexible. Most importantly, however, we are driven by passion, which naturally translates into engagement, strong work ethic, and the ability to work harder than everyone else, particularly the competition!

We’ve been working closely with a number of construction specialists whose experience and expertise we can always call on. It is thanks to this effective cooperation that we can guarantee our clients high quality services, specialist advice, and practical solutions no matter how challenging the project.

Our Mission
Our mission is rather simple – we strive to earn and maintain the trust of our clients, business partners, and employees. We believe the only way to run a sustainable business is to provide excellent value and develop long-term relationship with people we work with every day. In order to accomplish this we work with our partners as a collaborative team to deliver to the client the best solutions for their specific needs.

We are committed to challenging ourselves against a number of policies and industry standards to ensure we are exceeding expectations and driving results, so that we can continue to grow better than others, but – most importantly – continue to grow better than we were yesterday. This is what we are here for. This is what defines the culture of our company and how we do business.

At Limaks, we believe that great employees make a great business. It took us a few years (and a lot of heart!) to build a team of professionals who constantly challenge, question, and tinker to push the boundaries of quality and find new improved ways of doing things. They bring wealth of experience, skill and passion, and as such they are our best asset and competitive advantage.

It is of great importance to us to build a strong relationship with our employees and take a good care of them, so that they can take a good care of our customers. It’s not complicated – it just takes time, effort and a combination of effective leadership, selecting the right people for the right job, and providing the best facilities, training, environment and tools for our employees.

Our Partners
It is thanks to these firms that we are able to keep on providing our clients with high-quality piling
What can we do for you?
We know you expect us to be efficient and effective, and we guarantee nothing less.

Our services
We are a specialist piling contractor, offering a range of specialist foundation services throughout London and its surrounding counties.

We strive to provide our clients with comprehensive solutions, from initial on-site advice through site-specific engineering design to successful pile installation. We know you expect us to be efficient and effective, and we guarantee nothing less.

01. INITIAL CONTACT & SITE VISIT
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02. DOCUMENTS VERIFICATION
We then request from the client building plans and any other documents that may help us calculate the number, design and load of piles to be used in the project.

03. ESTIMATE
Having verified the site and the documents, we can formalise a quotation. At this stage the client is welcome to ask any questions before they accept the quote.

04. INSTALLATION
The installation starts 2 to 4 weeks after the client accepts the quotation. We inform the client of the duration of the project and then keep them up to date on the progress or any potential changes and/or delays.
Mini and Micro Piling
Optimal solution for restricted-access sites

Service Description

Mini piling is a common and affordable piling solution used on projects of smaller scale. It involves screwing or driving hollow steel shafts into the ground and filling them with concrete or grout in order to form piles. The diameter of mini piles and the depths they can extend to are determined by ground conditions as well as the size of the rig that can access the site.

At Limaks, we offer a full range of mini piling services, from initial advice through design to installation. We have a fleet of mini piling drill rigs that allow us to use any form of piles and drilling technique to suit the proposed scheme, tough ground conditions, and tight-access areas.

Where to use:

As the name suggests, mini piles are used on projects of a smaller scale. The purpose of mini piles is to strengthen and underpin existing structures, both externally and internally. This method is most commonly used in projects with limited space, low headroom (under 2.8 metres), and difficult access, such as house extensions or conservatories.

Mini piles can bore through difficult and variable ground conditions, which makes this method a great alternative in projects where traditional piling cannot be used.

Some of most common applications are:

- new foundations for houses or extensions
- mezzanine-floor levels
- retaining walls to provide excavation support, stabilise slopes, and form new basements
- foundations for infrastructure projects such as rails and roads

Characteristics:

- Minimal disruption
  Mini piling method generates low levels of vibration and noise and it can, therefore, be used within existing buildings causing minimum disruption to the site.

- Cost-effective
  Mini piling is more often than not the most cost-effective technique for contractors, and it saves money as well as time over traditional deep-trench foundations.

- Less waste
  Mini piling produces less waste and fumes, and as such it is a perfect solution for projects where sustainable and green building standards must be met.
Continuous Flight Auger Piles

Efficient solution for noise and vibration sensitive work

Service Description

Continuous Flight Auger (CFA) is one of the quietest methods of piling available and it is virtually vibration free, which makes it ideal for working in environmentally sensitive or residential areas. CFA piles are constructed by drilling into the ground with a hollow auger to the designed depth. Concrete is then pumped through the hollow stem to the toe of the pile as the auger is simultaneously withdrawn. Finally, the reinforcement cage is inserted into the fluid concrete pile to the required depth.

At Limaks, CFA is our most common piling method and we can undertake projects of all sizes and complexities. Our team offers both design and construct services using CFA piles, and our range of rigs allows us to install piles of various diameter, length and load capacities, depending on the ground conditions and your needs.

Characteristics:

- **Noise- and vibration-free**
  
  CFA piling is one of the quietest methods of piling available, making it ideal for use near any environmentally sensitive areas, such as listed buildings or contaminated sites.

- **Suitable for most soil conditions**
  
  Continuous Flight Auger piles can be installed in cohesive and non-cohesive materials as well as water-bearing sands and gravels.

- **Quick and efficient installation**
  
  Compared to other piling methods, CFA piles are quick to install and offer an efficient and cost-effective solution, generating little or no spoil.

Where to use:

CFA piles are widely used for projects in areas with unstable soils conditions or water-bearing grounds. They can be installed in most strata, from clays through gravels to soft rock. CFA piles are ideal for multi-storey buildings, sites that border existing structures, or environmentally sensitive sites, where there are lower tolerances to vibration and noise.

CFA piles can provide both load bearing capability and excavation support, and as such they are suitable for most construction projects.

Some of most common applications are:

- multi-storey buildings
- temporary or permanent retaining walls
- support of transportation structures such as roadway embankment and bridge footings
- ground improvement
Open Auger Bored Piles

Ideal method for use in cohesive soils

Service Description

Open bore piling is a universal method of piling and it can be used on both small and big-scale projects. The rotating auger is drilled into the ground and then withdrawn, reaming out the soil. The process is repeated until the desired depth has been met. After the steel reinforcement is placed, the bored hole is filled with concrete to complete the pile. By varying the length and diameter of the piles different bearing capacities can be achieved.

At Limaks, we have access to a wide range of drilling rigs, which ensures that we can choose the right method to complete your job most effectively. Upon a site inspection, our engineers will decide on the best bored piling rig and the length and diameter of the piles.

Where to use:

Open bore piling is an ideal piling method for use in cohesive soils such as clay and silt, where there is no groundwater and a stable bored hole can be formed. The piles take their load-carrying capacity from the friction generated between the soil and the surface of the pile shaft; therefore, this type of piling is often used to support structures where the highest load-bearing capacity is required.

Open bore piling causes minimum vibration, which makes it ideal for use next to buildings and underground services.

Some of the most common applications are:
- multi-storey office buildings
- underground structures
- retaining walls where high levels of reinforcement are required
- constructions near built-up residential and commercial areas

Characteristics:

- Wide range of sizes
  Open bore piling method allows for a greater range of sizes and depths of piles, which allows for achieving different bearing capacities.

- Ideal for cohesive soils
  This method is ideal for use in cohesive soils, such as clay, where the bored hole remains stable, dry and open.

- Minimum vibration
  Open bore piling method causes little or no vibration; hence, it is ideal for use against adjacent buildings or underground services.
Characteristics:

- **Off-site pre-fabrication**
  Driven piles can be pre-fabricated off-site to the required specifications, which guarantees efficient installation when on site.

- **High bearing capacity**
  Driven piles displace and compacts the adjacent soil, which leads to increased bearing capacity of the pile.

- **Cost-effective**
  Driven piles can be fabricated to specific dimensions, resulting in the need for fewer piles. The installation also produces little spoil for disposal.

Where to use:

Driven piles are the most versatile deep-foundation solution available and they can be used for most ground conditions, including made ground, soft alluvial deposits, or contaminated soils.

A vast range of joint sizes, piles and rigs types allows driven piles to be used for most structures, from housing through commercial and industrial buildings to civil engineering applications. Types of piles can be designed and chosen for individual job requirements, thereby minimising waste; speeding the installation up and improving cost-effectiveness.

Due to their versatility and suitability, driven piles provide a quick and easy form of deep-foundation solution.

**Some of most common applications are:**

- bridges and embankment support
- marine and heavy civil works
- power and transmission towers
- deep foundations for projects where the bearing capacity of the surface soils is not sufficient to support the imposed loads
- sound wall barriers and retaining walls
Get In Touch!
Get in touch with us and we will reply within 24 hours!

Call Us:
Feel free to call us on 020 8888 1016
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