

NEWSUPDATE

A few words from our Managing Director, Graham Hall

As I look back over another year of trading, I like to review our works programme to remind me of all the projects we have undertaken throughout the UK in the last period. I am pleased to note we have completed a wide variety of schemes from emergency works adjacent to a live railway, to several large basements to many retaining walls, both permanent and temporary for private individuals to the large Tier 1 contractors.

We are all acutely aware of the impact Brexit has had on our work patterns and we are optimistic of an improving picture in the coming year. We are fortunate enough to see many orders from familiar repeat customers, whilst attracting new clients to our growing list of suitable contractors we like to work with. We have also been bold enough to walk away from a couple of projects where onerous contracts are tabled, or the commercial risks are too high to warrant the prospect of a less than favourable reward, from our perspective. By taking this commercially aware approach to contracting we can be sure of a steady footing from which we can serve the construction industry for many years to come.

Please have a read through our latest in a series of Newsletters to keep you up to date on our progress.

Graham

Why Fussey? – Part 1

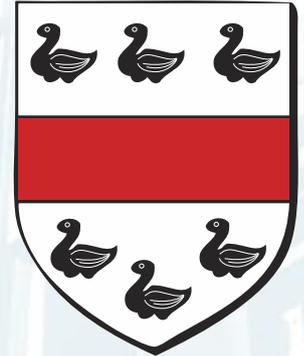
Fussey has been a name associated with piling, engineering and construction for well over 50 years in Lincolnshire, Yorkshire, and the surrounding areas. We are named after our CEO and owner Des Fussey.

So, what is the origin of our unique name?

It is said 'Fussey' can be traced back to pre- 7th century and is of Olde English origins. It is a residential and possibly locational name and describes a person who lived on a farm (leah) surrounded by gorse (fyr)

The surname is also well recorded in East Yorkshire from the mid-16th century. It is said, about 64% of all the

recorded Fussey's live in the UK, with the Humber area having the highest population of Fussey families in 1891.



Although Fussey Piling has always led the market, there is no relation to the 'Fussey' Streetwear Brand in New Zealand. That being said, our owner Des can often be seen wearing the latest fashion attire!

Contract News

International Quarter London (IQL Stratford)

An example of a permanent steel intensive basement installed adjacent to live rail track.

The IQL Pavilion Project was a particularly complex design project as part of the continued development of Stratford's Queen Elizabeth Olympic Park. Even though the sheet-piled excavation is just a small part of the pavilion structure, it was challenging due to the proximity of the DLR exclusion zone.

To work around this, the team produced a 3D model to map out the sub and superstructure of the build, meaning Principle Contractor, Lendlease could plan pile depths that would not interfere with the exclusion zone.

This allowed Fussey Piling, working for O'Keefe, to design and install the sheet piles to 10 m from ground level, and then excavate 6 m, with the added support of a temporary frame. The ground

conditions dictated that the pile line had to be initially pre-augered to loosen the soils before driving the sheets with a silent and vibration-free Stillworker.



The former Gas Holder site, Old Kent Road

An example of temporary sheet piling and framing to form a traditional cofferdam.

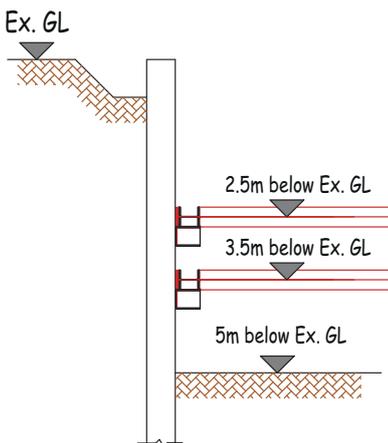
On paper this project started out as a simple rectangular cofferdam to excavate up to 5.0m. The cofferdam was required to remediate the location of two shafts allowing the latter construction of a new 32km length of tunnel between electrical substations at Wimbledon, New Cross, Eltham, Hurst and Crayford, carrying power circuits to keep London energised for the future.

As work commenced it became apparent that despite the demolition of the previous gas holders very little demolition below ground was completed. After using a combination of pre-augering, vibro-driving and vibration-free installation (at each end) we successfully managed to get the piles installed to the required levels. Due to the depths to be excavated, and



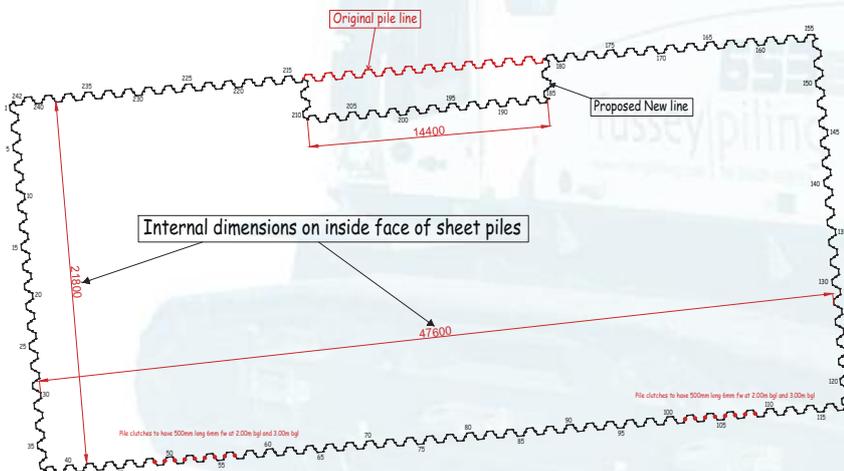
to limit deflections at each end, our sister company Fussey Engineering installed bespoke steel frames to support the works.

Once the below ground remediation has been completed the framing and sheet piles will be removed and recycled for use on another project.



Stage 4

Excavate to formation level, 5m below existing ground level



Crimscott Street, Bermondsey

A large permanent steel intensive basement.

We avoided getting our selves in a pickle on this large project for London Square in Bermondsey.

The new housing and commercial property scheme creates a new destination in SE1 that reflects the area's unique blend of quirky old and new buildings. The development is transforming a 4.7acre former industrial site, once home to a tannery and food producers Crosse & Blackwell, who made their famous Branston Pickle there.

The project involved installing over 600 piles in lengths 9.5m to 12.0m with silent and vibration-free techniques due to the proximity of the neighbouring properties.

We were engaged early on in the design process after working with the



team previously in Richmond, Teddington, Putney and other sites in and around central London.

The detailed ground investigation showed there was a band of tough limestone sited approximately 9m below ground level. The problem was we need to install piles up to 12m long through this hard stratum.

In order to ascertain if driveability was an issue, we undertook some trial piling and pre-augering to gain valuable feedback to the design and operations team months before the design was



finalised and works were programme to commence on site. This showed, we could pre-auger through the hard soils easily enough without un-necessary wear on the auger equipment and prove drivability of the sheets through this difficult soil band.

Once installed the piles needed to be propped to limit deflections. The piles were installed as close as 500mm from some of the adjoining party walls. Upon excavation the piles have been fully welded to provide a water-tight basement structure.



Social Responsibility

As part of our commitment to Social Corporate Responsibility, this year we sponsored a prize at a local school. The inaugural Testbourne Community School Prize Giving Ceremony was held in July at the Guildhall, Winchester. Over 70 prizes and awards were given to the students of all years to mark their tremendous achievements within the school and local environment. It was a pleasure to be invited and support the event whilst marking this prestigious occasion in the school year. Well done to all students who won prizes!



Personnel News

We are fortunate to enjoy a low staff turnover rate, unfortunately we did say goodbye to one of our Design Engineers Jonny Horsfall. Jonny decided to move back north to be nearer his home town and left us at Easter. We wish him well in his new position.

We saw this as an opportunity to bring another younger mind into the organisation, and we were more than pleased to welcome our new



Graduate Engineer David Savile. David has a degree in Civil Engineering from Coventry and is warmly welcomed to the team. His designs are already winning us work, whilst gaining an insight to the exciting world of sheet piling.

Why Fussey? – Part 2

So, whilst we are acknowledged as one of the foremost steel sheet piling specialists in the UK, why use Fussey Piling?

We are proud of our heritage in a group business involved with construction since 1972, and specialising in piling since 1996. Since that time, we have invested heavily in all of the latest developments in sheet piling technology.

- We are proud to boast that we own and operate all of our plant. Most have Tier4F engines to meet the current NRMM regulations.
- We have a team of dedicated fitters, directly employed to keep the rigs working – “if the engine’s not turning, we’re not earning!”
- All of our projects are designed in-house with fully insured Engineers and draughts persons, with Professional Indemnity insurance available up to £10 million cover in the aggregate.
- All our site personnel are directly employed and are ‘on the books’. This helps to ensure we can offer a quality service to all of our clients on every project.
- 100% of our site staff have CSCS and or CPCS as well as a myriad of other training qualifications including NVQs, Lift Supervisor, SSSTS etc.
- We hold large stocks of used ArcelorMittal U sheet piles to facilitate a prompt start on your site.
- We only take on a certain number of projects to match our plant and personnel resources. That way we can be confident in the health and safety and quality of the projects we are undertaking.
- We have achieved Constructionline Gold status, and CHAS Premium Plus Award, demonstrating our commitment to key standards in line with SSIP Core Criteria and UK H&S Legislation.

In short, if you are looking for sheet piling completed safely, professionally, on time, and on budget please get in touch.



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