

newsupdate

Welcome to the latest edition of the Fussey Piling News Update

As we are all aware trading conditions have been particularly tough in recent times. Fussey Piling is pleased to announce we have maintained an excellent volume of work during this period and have picked up many new clients along the way.

We thank you for your support during this time and hope you enjoy this newsletter.

contract news

We have won many new contracts over the last few months. Here are just a small selection of our recent successful projects both large and small.

10 Trinity Square, London – A silent and vibration-free basement

10 Trinity Square, the former Port of London Authority and one of London's most cherished and Grade II* listed buildings, is currently being restored and transformed into a world-class scheme with hotel, spa, restaurant, club and 41 luxury residences.



This silent and vibration-free piling for Donban Contracting (UK) Ltd involved the construction of a 3 level, 10m deep, steel intensive basement to the western elevation. Fussey Piling were called in to advise on pile drivability and design due to the sensitive location of the piles to the adjacent structures.



A cofferdam measuring 75m by 20m was driven within 500mm of the edge of the building with pile lengths between 13m to 17m in length, representing circa 3000m² of piling installed in just 5 weeks.

Upon archaeological excavation it is believed the great naval administrator and diarist Samuel Pepys' house was discovered just 2.5m below the exiting street level. The archaeology all has to be painstakingly removed and catalogued before the final excavation up to 10m deep can be achieved.

contract news

Ewer Street, Southwark, London – A pre-augered, silent and vibration-free cofferdam

The project at Ewer Street, Southwark, London, involved building a new eight storey student accommodation block.



Elliott Thomas appointed Fussey Piling to design and install a permanent 23m x 16m cofferdam, including framing, to enable the excavation and construction of the basement.



The ground conditions encountered were made ground to a depth of approximately 0.5m, overlaying sand and gravel to approximate 6.5m, overlaying the London clay. Therefore, to ensure that the piles entered the ground smoothly, the ground was pre-augered before installation, using the auger motor mounted on the RTG16T.

The site bordered a network rail viaduct which had the Jubilee Line running underneath and so vibration had to be kept to an absolute minimum. To this end, Fussey used a 'silent and vibration-free' technique to install the piles, utilizing the WP150, with one of our Sennebogen crawler cranes.

CB1 Project, Cambridge – A temporary sheet piled cofferdam

The CB1 Development in Cambridge consisted of the construction of new residential, retail and leisure facilities together with basement car parks.



Hill Partnerships appointed Fussey Piling as the sheet piling contractor to design and install a retaining wall around the perimeter of the site, including temporary propping and extraction of the steel sheet piles at a later date.



Fussey Piling worked with Hill Partnerships from the early stages of the design, since the nature of the design and build contract meant a full set of construction drawings were not readily available. By adopting this client focussed approach to tendering Fussey Piling were able to ensure lead times were reduced, value engineering was employed and one was able to avoid unnecessary delays before mobilising to site.

Ageas Bowl, Southampton – Vibratory leader rig installation of a permanent wall

The project involved the redevelopment of part of the Southampton Ageas Bowl cricket ground, through the construction of a 175-bedroom, 4-star hotel to the northern end of the grandstand.



The hotel forms a key addition to The Ageas Bowl's conference and exhibition facilities as part of an international sports, leisure and business destination.

Denizen Contracts Ltd awarded Fussey Piling the contract, to install steel sheet piles to form a watertight retaining wall.

Before installation the ground was pre-augered, to loosen the soils and ensure the drivability of the piles. This process utilised a MB50 Auger Motor mounted on a Bauer RTG16T Telescopic Leader Rig.



After pre-augering, the MR 100V Vibro-driver was attached to the rig and this was used to vibrate the piles into position.

Subsequently a water bar was welded to the piles, before the concrete slab was cast, to help create a water barrier and to prevent the concrete shrinking away from the piles.

customer focus health & safety



As part of Fussey Piling's commitment to total continuous improvement we have undertaken a detailed customer survey of our practices. We approached every project completed within the last 18 months to measure our performance at tender stage, on site and after completion. We were more than pleased with an excellent set of results.

- ✓ Over 75% of respondents said our speed and standard of tender submissions was very good or outstanding.
- ✓ 85% of eligible respondents confirmed our site operations were very good of outstanding.
- ✓ Almost 90% of eligible respondents found the quality of workmanship and finish very good or outstanding.

Please contact us at Kingham for a full copy of the survey and results.



Health and safety is paramount in every operation we do. To ensure only the highest standards are maintained we have signed up to another year of independent health and safety consultation with 4 See Risk Management.



updated website now in operation

We have just refreshed and renewed the contents of our website. GD Associates of Chipping Norton undertook the task in a very short time to create a fresh and relevant site for our industry. The aim is to make the site more specific to our customers' needs and inform them of the extensive sheet piling services we have to offer. Just visit www.fusseypiling.com for more information.



personnel news

We are pleased to announce several milestones and celebrations in 2013.

Our Managing Director, David Jones has reached the ripe old age of 65.



He was presented with a very unique personal gift all the way from Luxembourg (thanks ArcelorMittal) of a smiling Mr Jones sitting on a stack of sheet piles.

Ben Jones, Operations Manager, will be welcoming the arrival of his first baby very soon. We are all looking forward to welcoming the third generation of the Jones family to the company as soon as the child is old enough to start work.



Graham Hall, Contracts and Commercial Manager, is also celebrating his 40th Birthday this year. He told us he had a hard paper round as a child which is why he looks as old as he does.

Celebrating 1 years service is our Graduate Design Engineer, Miles Fenton. Also, a big thanks to our Admin support Sarah Oliver, Jenny Fenton and the rest of the site teams.

fussey|engineering

We also take this opportunity to remind you of our sister company Fussey Engineering Ltd. Our engineering division undertake all primary and secondary steel right through to cladding and painting, employing expert teams at each stage of construction – thus ensuring greater efficiency and reliability. Take a look at their website www.fusseypiling.com or give them a ring on **01469 540644**

the fussey piling usp

Fussey piling has long been associated with providing high quality sheet piling solutions to the construction industry. With this in mind we thought we would remind you of the key features we have to offer you.

- We pride ourselves on pricing almost every enquiry that comes through the door.
- We complete all sheet pile design in-house and can offer PI Insurance up to £5million
- All of our operatives are directly employed and have a combination of CSCS, CPCS, IPAF, SSSTS, Lift Supervisor and NVQ qualifications.
- All of our plant is wholly owned by Fussey Piling and maintained by our own fitter / plant mechanic.
- We hold approximately 1000 tonnes of ArcelorMittal sheet piles in stock to facilitate quick starts.

Section	Girth (b) mm	Height (h) mm	Mass kg/m ²	Momen of Inertia cm ⁴ /m	Section Modulus cm ³ /m	Web (t) Thickness mm	Flange (s) Thickness mm
GU8N	600	312	81	12010	770	7.1	7.5
GU13N	600	418	100	26590	1270	7.4	9.0
GU14N	600	420	107	29410	1400	8.0	10.0
GU16N	600	430	121	35950	1670	8.4	10.2
GU21N	600	450	137	46380	2060	9.0	11.1
GU23N	600	450	151	52520	2335	10.0	13.1
GU27N	600	452	162	60580	2680	9.7	14.2
PU32	600	452	190	72320	3200	11.0	19.5



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