

## Building & Construction Review



### Tree roots causing problems

'Are there tree roots there?' The question often asked when trees are located near existing structure/surface or a proposed development. Often if not sufficiently well evidenced leads to a planning rejection, appeals or the use of alternative expensive construction methodology.

Historically the approach to answering the question often relied on a perfect circle of twelve times the diameter as set out in BS5837:2012, using educated guesswork based on the site constraints or more invasive methods such as air excavation.

But in modern Arboriculture are these methods outdated? The answer is yes!

The Tree radar unit is a specifically designed to detect tree roots under almost any surface. Using either a 900Mhz or a 400Mhz head, it can go deep to find general root mass or shallow to find roots down to 1cm depending on the soil type. Each scan can be displayed in multiple ways and can be scaled into CAD to aid in



design and satisfy the planners. Call the office for your next project near tree roots.

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### Approved Hydraulics



Approved Hydraulics are a 35-year established technical hydraulic engineering and sales company.

The company covers a wide variety of industries including forestry, construction, demolition, Industrial, Farming, and Subsea.

Services include parts supply, technical support and backup, system design, system modification, fabrication, and equipment design & manufacture.

With years supplying the forestry industry we have a vast knowledge of the machines and machinery used.

Our most successful lines include:

- ▲ **INTERMERCATO:** Log grapples and tree shears, wireless weigh link systems and associated equipment.
- ▲ **BALTRATORS:** Hydraulic rotators from 1T-16T in pendant mount and 3T to 15T in rigid mount for cranes

and excavators and a full range of swing and swing damped links.

- ▲ **FEMAC:** Excavator flails and mulchers, side arm flails and backhoe loaders for tractors.
- ▲ **AH630CS & AH800CS CONE SPLITTERS:** Manufactured by Approved Hydraulics for excavators from 1.5T to 16T.
- ▲ **SCANRECO:** Fully proportional radio remote control kits for all applications including forestry cranes and track mounted stump grinders.
- ▲ **HYDRA-PART HYDRAULIC RANGE:** Full range of standard hydraulic equipment including rams, pumps, motors, control valve, stabilizer pads, line mounted valves, PTO's, rotary couplers, worm drive and power packs to name a few... (an ever-growing range)

T 0161 480 0869  
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### Nationwide Louvre Company



Nationwide Louvre Company manufactures high quality aluminium Louvres, Louvred Doors, Louvred Plant Screens, Acoustic louvres, Acoustic Screening, Aluminium & Timber Brise Soleil/Solar Shading.

Nationwide Louvre Company offers a full supply and installation service to its customers throughout the UK and have completed a number of projects in the Channel Isles and Europe. The business installs bespoke made to measure quality products on residential, commercial and construction projects.

Nationwide Louvre Company specialise in Brise Soleil and louvred plant screening. Brise Soleil projects are supported with computer simulation software to assess the effectiveness of our products in reducing the effects of solar gain on buildings.

Brise Soleil not only enhances the appearance of a building but will provide a much better living or working environment for the building's occupants, with the added benefit of reducing glare to help with computer work and will reduce the running costs of mechanical ventilation and air conditioning.

Our Screening Louvre Systems are used to hide roof mounted plant and equipment and are available in a range of blade shapes and sizes. Supplied in an enormous range of colours and finishes will screen unsightly equipment and enrich the building façade.

T 01922 457204  
 sales@nlc-louvres.co.uk  
 www.nlcontracts.co.uk



### Calders and Grandidge

For 200 years, Calders and Grandidge have supplied high quality pressure treated fencing in both Creosote and Celcure treatments to the UK and European markets. Whether you want treated timber poles, railway sleepers, gates, fencing or garden furniture, our collection of products are perfect for all applications.



Operating from our 46 acre site in Boston, Lincolnshire, we provide high quality products. Ideal for every project, our FSC/PEFC compliant timber is responsibly sourced from well managed, sustainable forests and expertly treated to give you the design, and aesthetic finish you need.

We are equipped with our own twin set of 36m creosote impregnation vessels, as well as 15m Celcure high pressure treatment autoclaves. These resources enable us to treat large amounts of timber quickly and efficiently with 100% sapwood penetration to adhere to all of your unique development specifications.

Correctly treated fencing needs virtually zero maintenance providing the initial treatment and installation is carried out correctly. Properly erected pressure treated fencing will give a long life span of many decades giving peace of mind to owners and installers alike.

In addition to the supply of fencing products Calders and Grandidge also offer a third party treatment option in Creosote or Celcure enabling you to send in their own timber for treatment.

Our dedicated team has the vision to be the reference for innovation and service. Achieved by putting the customer at the heart of everything we do to offer unrivalled products and services. We are available to discuss the most complex of requirements with you.

We hold the prestigious Royal Warrant for the supply of preserved timber fencing to Her Majesty The Queen and our pressure treated products can be found in situ at The Royal Stud.

Please contact the Sales Team for more information on:  
 01205 358866 or email:  
 enquiries@caldersandgrandidge.com



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# New exclusive collection and upcoming product launches at Zoo Hardware

In this issue of Building and Construction Review, we are proud to announce that Zoo Hardware is the recipient of our Architectural Hardware Company of The Year Award.

Zoo Hardware is a designer and supplier of architectural door hardware, including door handles, knobs, locks, hinges and much more, dedicated to ensuring its products meet the highest standards. Zoo Hardware uses only high quality aluminium, brass, steel and zinc. This eye for detail and strive for quality is of the utmost importance for Zoo Hardware and as such, the company is confident that it can provide the highest quality products at the most competitive prices.

Through a determination to consistently innovate, develop and deliver state-of-the-art products, Zoo Hardware has designed Rosso Tecnica a new and exclusive collection of European inspired designer levers.

Manufactured from Grade 304 stainless steel, which has been specifically selected for its high-corrosion resistance, durability and hardness properties, the Rosso Tecnica range has been purposely designed to provide an exceptional performance for use in both domestic and commercial applications.

Always committed to staying ahead of the crowd, Zoo Hardware takes inspiration from contemporary trends which a focus towards minimalism and simplicity, this led to the company identifying a



gap in the market. Zoo Hardware recognised the need for a new range of high performance, design-led furniture, with hard-wearing decorative finishes; powder coated matt black, PVD satin brass and PVD satin bronze, to stand up to today's requirements for hardware. With this in mind, the Rosso Tecnica range was created and delivers high-quality door furniture with a stunning aesthetic appeal to suit any modern interior.

Offering a broad range of lever styles to suit even the most discerning tastes, from the industrially styled 'Orta' lever to the subtle curves of the 'Como,' each design has been meticulously created to be both ergonomically and aesthetically pleasing, while meeting the technical requirements of the applicable BS EN standards.

Rosso Tecnica has been designed and produced using a combination of both solid cast components and tubular components, where quality is the main consideration with an efficiency of material use to maintain cost effectiveness. This gives the range affordability while maintaining an exceptional, quality look and feel, and if your specification requires consideration around The Equality Act, the Maggiore Lever is a 19mm diameter, return to door lever that meets the dimensional requirements of BS8300 and Approved Document M of the building regulations.

The introduction of a newly engineered 'Squirle' rose, a rounded square known in mathematical terms as a 'superellipse,' allows the complete customisation of both the levers and accessories to have a completely different look and feel from the standard round rose option. As well as being aesthetically pleasing, the Squirle rose has been designed for easy installation on the existing sub-rose, making it a simple and cost-effective solution for creating a modern and fashionable environment.

The product is supplied with both wood screw and bolt through fixings, and a far more user friendly allen key for

installation of the grub screws that are situated on the underside of the lever for improved aesthetics. All levers are supplied on a sprung rose configuration for improved operation and longevity.



It's not just about the levers either, Rosso Tecnica is a fully suited range, with complementary products including, hinges, door closers, flush bolts and more, being offered in each of the three hard-wearing finishes to create the perfect aesthetic for your project, whether it's a residential dwelling or commercial office space.

Speaking of the company's latest developments, we caught up with Simon Schofield, Marketing & Graphic Design Manager and he outlined some exciting upcoming product developments for Zoo Hardware.

Simon stated, "We have a new catalogue coming out at the start of November and this will include lots of new products which we will be introducing, those being:

**ZOO Solutions:** A range of specialist hardware products that require additional design detail to achieve a more specific function, including: bathroom door hardware, anti-ligature items and hands free hardware.

**Stanza:** Our current architectural designer lever range is now available in four amazing new finishes: Oscuro Matt

Black, Etna Bronze, Favo Satin Brass and Tuscan Rose Gold. The range also includes a new square rose option allowing products to be customised to a more modern square design.

**Reguitti:** We are introducing a selection of high-quality modern minimalistic levers and accessories from the prestigious Reguitti range. Available in an assortment of hard-wearing finishes that are perfect for contemporary interior trends.

**Vier Grade 14 lift-off hinge:** Made from high grade 3.4mm thick Grade 201 stainless steel for added strength and durability, this hinge is Certifire tested and BS EN 1634-1 Fire Door Resistant for timber doors up to 120 minutes."

In addition, the company has also developed a range of stainless steel accessories, to complement its new product range. These are available in a selection of new finishes, which include: PVD satin bronze, PVD satin brass, Powder coated black, Powder coated white, Favo satin brass, Etna Bronze & Tuscan Rose Gold.

After what many industries have deemed as a challenging year, in regards to the COVID-19 pandemic, Zoo Hardware has showcased its wealth of industry leading expertise and has seen some impressive developments over the last year. Simon added, "Business has been good for us over the last 12 months, the pandemic had an effect on the industry as a whole, which was more to do with supply chains than anything else, but things are starting to get back to normal now and we are looking forward to see what the next 12 months brings, especially with the launch of our latest catalogue and all of our new product ranges... Exciting times!"

For more information, please see the details below:  
T +44 (0)1228 672900  
[www.zoohardware.co.uk](http://www.zoohardware.co.uk)

## Renewable Energy Company of the Year

# H.D. Services Ltd.: An award-winning company

In this issue of Building and Construction Review, we are pleased to announce that H.D. Services Ltd. has been selected as our Renewable Energy Company of the Year.

Rebecca Taylor, Business Development & Compliance Manager stated, "We are highly honoured to be selected for this award. We are committed to providing high quality services and experienced site staff. Recognition like this confirms that we are on the right track."

Rebecca added, "Given the level of expertise held within the company, the fact that the current directors have weathered two recessions and that we continue to win awards for aspects of our work means that we feel we are in a strong position to weather the current crisis."

In the last year, H.D. Services Ltd have been recognised for the unique renewable heating option they offer and have won East of England Renewable Heat



Installer & Contractor of the Year 2021 and the East of England Small Scale Project of the Year 2021. Their biggest achievement was to win the Renewable Energy Awards Pioneer Award. (run by the renewable Energy Association) "The Renewable Energy Awards celebrate the 'Best of British' renewable energy and clean technology, across 15 categories, highlighting the efforts and amazing achievements of many companies and organisations," highlighted Rebecca.

Based in Ashley Green, Bucks, H.D. Services Ltd. supply a range of water, drainage, sewerage and heating services such as sewage treatment systems, borehole construction, ground source heat pumps, and water treatment. H.D. Services Ltd. have a well-trained and experienced team with over 30 years' experience in the industry. As a family run business it is fully accredited and certified to MSC Standards, has associations with REA, RECC, GSHPA, The Well Drillers Association, BGS, National Custom Self-Build Association, Buckingham Business First and is highly experienced in delivering successful projects whilst working closely alongside the Environment Agency.

"We provide heating options, sewage treatment systems, water supply and drainage options for the construction industry and self-builders. The renewable



option utilises groundwater as a heat source and returns this back to the aquifer from which it was taken. Initially we only used dedicated open-loop GSHPs however, the technology has moved on and we are now installing a 'converted' closed-loop system which uses heat pumps from another British Manufacturer, and we are exceeding their standard efficiencies due to the way in which we design our systems.

These Open-Loop Ground Source Heat Pump Systems suit the geology of the South East of England for use in small commercial and domestic environments. Initially the company focused on drilling water supply and soakaway boreholes plus the installation and maintenance of sewage treatment systems, however, noticing a compatibility between construction of water supply boreholes and the growing Renewable Energy market, it made sense for the company to invest in the Open Loop Ground Source Heat Pump market too.

One of the best ways to reduce fossil fuels and stop the destruction of our planets is to use heat pumps to provide heating and hot water for use in homes. The Open Loop system is the most efficient ground source heat pump option, and helps reduce carbon footprint, enable greater water efficiency, with minimal installation disruption and visual impact, and provides hot water up to 65°C all year round.

The past 12 months has been H.D. Services Ltd.'s best financial year yet. "Throughout COVID-19, we managed

to continue operating and replenish staff. We adapted our operating procedures and best working practices. We operate in both the construction and the renewables sectors, and thankfully, neither of these sectors appear to have suffered greatly from the current economic crisis," stated Rebecca.

In terms of future plans, H.D. Services Ltd. is in the process of developing a new office on the same site and are looking to expand the Water Treatment side of the business over the next five years to offer it as a standalone service.

For more information, see below:  
T 01494 792000  
[enquiries@thedgroup.co.uk](mailto:enquiries@thedgroup.co.uk)  
[www.hdservicesltd.co.uk](http://www.hdservicesltd.co.uk)





# Company of the year

What does it take to make Building and Construction Review's company of the year? Does it need impressive business acumen and first-rate customer service? Of course it does.

But it also takes dedication to staff safety and furthering their training. It means commitment to supplying the exact-right products and services to every client. It involves amazing growth in the face of global turmoil.

Construction hoist specialist Direct Hoist is the well-deserved winner of 2021's coveted award – a trophy that lines up alongside many other accolades to recognise this forward-thinking firm is rising to the top.

Direct Hoist's success can be attributed to its founder, Rob Wilson, a man whose dedication to business is equalled only by his attitude towards his employees' welfare.

Rob says, "We're ever-expanding. I started Direct Hoist in 2014 from a double garage, and after seven years' trading we're now in our fourth location. We've recently taken on additional premises – a 30m unit with internal height of 6.6m – which will help our in-house training."

Currently thriving despite reduced staffing, Direct Hoist is a living-wage employer (more than minimum wage) and has two vacancies for trainee hoist installers. Each will be educated in the multifaceted skills that are crucial for the specialised nature of construction hoists – including product types, electrical systems, fault-finding, assembly, disassembly and reconfiguration into alternative layouts.

Direct Hoist then enrolls trainees into NVQ schemes, manufacturer courses and the all-important health-and-safety tuition. Indeed, several Direct Hoist staff have NVQ Level 3 qualifications – the equivalent of a



Rob Wilson,  
Direct Hoist  
founder



respected CSCS gold card on site.

Rob says, "We have an exceptional reputation for safety. Ours is a very specialised industry, heavily governed by legislation – which is probably why there are fewer than 15 hoist companies in the UK.

"It's surprising how much there is to learn for hoist installation, even for experienced construction workers and managers. We need to know load calculations, equipment specifications, whether there are any voids below grounds or obstructions (such as telephone lines) above."

Rather handily, Direct Hoist offers free advice, site surveys and expert project planning. And not just for the job in hand – Direct Hoist assesses what might be needed later in the scheme to ensure the right equipment is provided from the outset.

Fortunately, Direct Hoist is continuously investing in new equipment to ensure its large modern fleet of versatile hoists is varied enough to suit any development.

"We supply German GEDA hoists," adds Rob. "They're the best on the market for quality, reliability and their

electrical components.

"Our most popular units are the 300 Z goods hoist (ideal for barrows, boards and roofing equipment) and the 500 Z/ZP transport platform, which can be used as an 850kg goods-only hoist or up to 500kg for personnel. It's a great, versatile hoist; it can be left- or right-handed and has the facility to move around the loading/unloading ramp."

Direct Hoist relishes the scope to erect equipment in areas many would consider impractical or too inaccessible. A recent project involved installation of a 58m hoist in Newcastle, where the entire platform had to be stripped and fed through a car park with 1.8m head height.

A popular usage of hoists is to speed up the construction of scaffolding, which again might involve some pretty creative thinking.

Rob reports, "Because platforms can be configured to different widths, 21ft scaffold tube can be carried vertically and safely, on a much smaller footprint."

No wonder so many scaffolding companies are now buying their own installation platforms. Similarly, city-based furniture removal specialists have discovered the convenience of owning their own hoists, which prove invaluable when delivering large three-piece suites into apartments through high windows.

Needless to say, Direct Hoist is ideally placed to offer sales and servicing of top-quality GEDA hoists to ensure customers choose exactly the right equipment – not just for their current circumstances but to allow scope for expansion – and stay safe throughout their working life.

And, like all installations, Direct Hoist offers product familiarisation on hand-over to the end user.

Rob says, "We've been expanding our sales department and can now offer finance on our products. This year hasn't been quite as good as we'd hoped due to Covid. But as soon as construction was reopened, the phones just went mad, we were inundated with contact forms from our website, and we had a waiting list for our most popular hoists.

"I'm glad to say we managed to pull through and come out smiling. We've done very well lately – we recently had five hoists at one hospital alone – and we're continually investing in new equipment.

"We're trying to go green, but electric vans don't yet offer the range we need. So we've installed an HVO (hydrotreated vegetable oil) diesel tank for all of our vehicles, which is 100 per cent renewable, and gives a 90 per cent reduction in CO2.

"We're a forward-thinking company," Rob smiles. "The only way for us is up."

Contact  
T +44 (0)1724 781647  
[www.directhoist.co.uk](http://www.directhoist.co.uk)





# 30 years of joinery excellence



In this issue of Building and Construction Review, we are pleased to announce Bluerun Ltd as the recipient of our Building Products and Services Award.

Bluerun Ltd is dedicated to manufacturing top quality, bespoke custom-made joinery for the domestic and commercial markets. All of its joinery is manufactured on premises using hardwood, softwood or sheet materials. As well as offering finished goods sprayed to a primed or painted finish, Bluerun Ltd also offer other treatments and installation services for some products. Where other products can't be installed, Bluerun Ltd has reliable suggestions of other companies that customers can be recommended to.

Bluerun Ltd is a family run business and was established in October 1991 by its current Managing Director, John Jones. Based in Wimbish, just outside Saffron Walden in Essex, its factory covers 7,000 sq. ft<sup>2</sup>, and



Team at Bluerun Ltd

the board, from humble beginnings, the company has gained remarkable growth within the building trade and is well known for its top-quality joinery. "Our bench joinery team is small and has extremely high standards. Whilst we use power tools and machinery, there is no CNC or computer aided design, or drawings used. We pride ourselves on being 'old school', and still use hand tools to finish off many of our bespoke items. Everything is designed in-house, that is if no drawings are supplied by the clients," said Dee.

For the commercial industry, the majority of its production is for commercial builders and manufacturing. The company provides all type of commercial joinery products from large scale repeat production runs of



windows, frames, and doors, to both large and small-scale customers for internal and external projects. Past projects include manufactured joinery to multiplex cinemas and shopping centre fitouts throughout the UK, to external work with household brands such as Homebase, Starbucks and Waitrose. Hospitality, education, business and medical sectors are also catered for. Even though Bluerun Ltd is capable of producing the most modern styles to suit modern offices and commercial projects, it also produces high



quality joinery to meet the exacting standards of conservation areas or heritage sites.

The company also provide domestic bespoke joinery from custom door replacements to bespoke furniture. Its portfolio includes decking, balcony balustrading, and gazebos as well as replacement stairs, banisters, mouldings or bespoke cabinets and bookcases for interiors. Bluerun Ltd has even designed and produced a custom-made Wendy house for a private client. Whatever your joinery needs, Bluerun Ltd can provide exactly what you're looking for. Dee explained a further service available from Bluerun Ltd, "It doesn't seem to be widely known that we can reproduce items to match the existing ones; we have reproduced casement windows to match the existing but rotten ones that are beyond repair. If a client likes a particular style of door, we can usually reproduce this to match from just a photograph. Similarly, we can produce architrave, skirting and handrails to match a specific profile most of the time. Anyone who needs something manufactured from timber or wood products on a bespoke basis, we can provide."

The first COVID-19 lockdown was difficult for Bluerun Ltd, "We closed our doors just for a few weeks in 2020 when the pandemic started. This was due to having no work in the order bank and we were unsure if we could remain trading," however, once a more structural plan was in place, the



company went from strength to strength. Dee continued, "Once everything was clarified and the enquiries started again, we re-opened (we're classed as manufacturing, so this was possible) and had one of our busiest years. Following the guidelines, we were extra careful when carrying out any site visits, and the whole team was on board and happy to come back and start working again."

October 1991 marks the company's 30th anniversary of incorporation – what a tremendous achievement made by all. Dee had some words of encouragement to mark the occasion of both its anniversary and award feature, "We are all extremely proud. The company couldn't have made it this far without our joinery team and our loyal clients we have worked with over this time. Some employees have worked with John since the 1970s, at a previous company, and we believe that we have a great and loyal team. This is the first award we have received, it's always nice to be recognised with something that we can be proud of."

For more information, see below:  
T 01799 599995  
dee@bluerunltd.co.uk  
www.bluerunltd.co.uk



can manufacture in hard or softwoods, and veneered and painted panels. Its modern spray paint and lacquer facility enables products to leave the factory in a fully finished state. The ethos surrounding the company boasts comradery, team work and dedication to the customer. "Here at Bluerun Ltd, we promote quality, family and pride in all that we do. The bespoke items manufactured in our workshops are made to a high standard thanks to the joiners who make them. The whole team take pride in their work," stated Dee Newman, Finance Director.

A proud moment, in 2019, John Jones' daughter was the most recent addition to





# 2021 brings new innovation to the TuffStuff® range; TuffStuff® flexible GRP

In this issue of Building and Construction Review, we are very proud to announce we have chosen to select Tuff Waterproofing Limited as the recipient of our Waterproofing Solutions Company of the Year Award 2021, for the company's ongoing dedication to continuously pushing the boundaries of flat roof waterproofing.

Tuff Waterproofing is a provider of waterproofing liquid solutions for flat roofs, which are comprised of GRP, flexible GRP and polyurethane. Using its advanced TuffStuff® formula range, which uses the latest liquid polyester resins, glass fibre mat reinforcement and flexible edge trims, it creates a fully integrated 100% waterproof seamless finish. The TuffStuff® product range is used for various applications and across multiple domestic and commercial environments.



With an impressive history which spans across 30 years' experience, Tuff Waterproofing has invested heavily in research and development, company processes and its team to ensure that its TuffStuff® range of products, continue to exceed expectations and set new standards in flat roof waterproofing solutions. From the company's bespoke premises based in North Yorkshire, Tuff Waterproofing maintains its operations on a national scale, supplying its products through a dedicated Stockist network located throughout the UK.

Regarding its progression over the last year, Tuff Waterproofing is pleased to have continued to progress significantly since 2020. With the impact of the COVID-19 pandemic affecting many industries, Tuff Waterproofing was able to remain open throughout and further developed on its product range during the last 12 months.

We caught up with Greg Gimenez, Managing Director of Tuff Waterproofing and asked him about the company's developments over the last year, he stated that, "We have progressed very well. We didn't have to close during the Pandemic because we are in the construction industry, so the government's directive was to stay open. We have mostly remained the same, we're always trying to develop new products and develop our existing products. We're quite happy with the overall year and foresee further progression for 2022."

The company has continuously accumulated growth year-on-year and established an enviable reputation, becoming a key figure in the GRP flat roof market and resulting in TuffStuff® becoming the UK's premium designer and supplier of heavy-duty GRP waterproof flat roofing systems.

Regarding its team, TuffStuff® maintains a dedicated product development team that work closely with its customers to produce a consistently, evolving product range that is suitable for multiple flat roof applications. This commitment to continuous development is echoed throughout the company and its dedicated team of UK based product developers work with UK manufacturing facilities, with the ambition of pushing and setting new standards of GRP roofing systems, to new levels.



A vital part of the company's business is its exceptional technical support service and Tuff Waterproofing ensures it provides premium quality and agility, in responding to and resolving customer queries professionally, efficiently and to the highest standards. The company prides itself on providing the highest standards of customer service and its main ambition is to instil confidence in its customers, that they feel fully supported.

"As I have always said, the life blood of this company is the service, exceptional training and technical support that we give. It's more than just providing products, it's all about the service and support," Greg added.



In terms of the company's most recent developments this year, Tuff Waterproofing has further expanded its TuffStuff® product range and is now offering its latest GRP roofing innovation; TuffStuff® flexible GRP. TuffStuff® flexible GRP is a single resin solution that provides an exceptional combination of versatility and durability. It's extremely quick to lay and does not require stripping or re-decking of the roof, saving customers both time and money. It can be applied to a variety of surface types and structures including vertical sections.

Requiring only two coats and 225gsm reinforcing mat, it can be applied within two hours. The TuffStuff® Flexible GRP forms a highly flexible, extra tough and seamless waterproof membrane, making it an ideal solution for areas of heavy-duty foot traffic. The solution can be applied directly to felt, asphalt,



single-ply, GRP, concrete, timber or metal. Its highly flexible, extra-tough and seamless waterproof membrane makes it reliable when added to vertical sections without the concern of sagging. Furthermore, the solution is a fast-curing system with walk on time of between 30-60 minutes. Once laid and whilst curing, the product is showerproof.

Specifically designed for durability in mind, the TuffStuff® Flexible GRP is extremely robust with one coat needed for a 10 year system or two coats required for 20 year system, and is crack resistant with no risk of weak points. The 20 year system qualifies for a 20 year guarantee on materials.

On the back of its successful launch of TuffStuff® flexible GRP this year, Tuff Waterproofing is planning to further feature its new product at various tradeshow throughout 2021 and 2022. These include: Jewson Live in December 2021, Buildbase in January 2022, UK Construction Week 2022 in May, in London and UK Construction Week 2022 in October, in Birmingham.

As the company looks towards the future, Tuff Waterproofing foresees many challenges that they will have to overcome, but believes firmly that it has the right structure in place to provide the company with the perfect platform to be able to consistently respond and evolve its product range, while providing outstanding support to its customers.

Indeed 2021 has seen impressive growth and development for Tuff Waterproofing and the company



anticipates much more progression, leading on from its new product launch. After what many industries have deemed as a challenging year in regards to the COVID-19 pandemic, Tuff Waterproofing has showcased its industry leading expertise and is pleased to have been acknowledged for their hard work.

Greg stated, "We are very grateful for this award. We plan to continue doing, what we're doing. Which is to continue to develop as much as possible on all of our existing products and new products, with a view on the ecological effects of our products, to enhance them to become even greener in the future."

For more information about the company or to view its range of products, please see the details below or alternatively, contact them directly on the number stated.

Contact  
T 01977 680250  
[www.tuffstuff.co.uk](http://www.tuffstuff.co.uk)





# Make the smart choice with Timbabuild Structures

In this issue of Building and Construction Review, we are pleased to announce that we have selected Timbabuild Structures as the recipient of our Commitment To Excellence Award.

Timbabuild Structures offer, a full spectrum of timber frame construction from design brief to completion. Whether it be the design of a one-off shelf, or a multiple unit site, Timbabuild Structures can offer the complete package.

"We design, manufacture and install all things timber related. From a full-size turnkey house project to a garden seat, we cover a wide range of fields such as timber frames, decking, pools, bars, gazebos, roofs, and holiday lodges," said Paul Harvey, Managing Director.

Originally set up in 1990 as P Harvey Carpentry, the company changed its name in 2020 to Timbabuild Structures and is a UK specialist in carpentry and construction. Based in Truro, Cornwall, its services spread across all of the UK.

The company has completed many successful projects working across a range of sectors including education, house renovations, commercial, private and public spaces. Some recent completed projects include a commercial build for Waitrose in Swindon where cedar cladding was built into the structure of the building, and a commercial project at Tiverton school where a 1800sqm roof was built flat to pitch conversion and used over 25,000 screws and fixings which took five weeks to complete.

From bespoke holiday lodges to completed natural slate roofs, each project requires meticulous detail with the upmost quality customer service. Each timber frame is custom built to the clients request and built to suit any budget. Timbabuild Structures have over 30 years' experience in the design and manufacturing of timber frame and erection of timber frame houses along with many other forms of build.

"Our service is what sets up apart from the competition. We operate a fully transparent contract, where the client has access to everything, from quotes to invoices, they can visit us at any time to see their project come to life in our workshop," stated Paul.

Each property goes through a 'Dry Fit' process at the company workshop to ensure that when it finally arrives on site, any tweaks that are needed are eliminated by Timbabuild Structures. This guarantees the customer is provided with a 'Right First Time' approach. Its workshop consists of a traditional production process and is based in Newham. It operates with an open-door policy by where the customer can pre arrange an appointment and watch their ideal dream build come to life. The client has full control and can implement any changes at any stage throughout the process.

For timber framed homes Timbabuild Structures offer advice, design, supply only, supply and install, and full turnkey projects. The client can choose out of four different grades of timber frame, specific to budget, architectural and structural design. Firstly, to name a few features



A view of the team at presentation morning (Managing Director, Paul Harvey in centre)



We are looking to come away from the general house builds, and concentrate more on garden rooms, offices and structures, along with bespoke, high-end furniture

included in each timber grade, the Bare Basic Design consists of 140mm timbers, single sole plate, and standard vapour control barriers. Secondly, the Basic Plus delivers vertical 25mm battens to external, 100mm internal studding, and 15mm OSB 3 structural panel. Thirdly, the Medium Range has a double sole and head plates, a proctor reflective vapour shield 0.81 control layers, 18mm OSB 3 structural board and VCL to bathrooms. Lastly, the Top Range has 190mm studding, 25mm service void, 100mm internal studs, double sole plates, fully insulated, 9mm OSB 3 structural impact walls and a fully insulated closed panel.

Where quality is all that matters most, Timbabuild Structures is a small family run business made up of a handful of professionally trained and experienced tradesmen. Boasting five-star reviews from happy customers such as, 'this is a great, friendly, local business. Fantastic craftsmanship and affordable prices!' its years of experience and reliable expertise in the industry allows the company to retain a consistent high-quality level of service. "We aim to keep pleasing our customers, keep providing great customer service and great products," said Paul.

Not only is Timbabuild Structures experts in all thing's timber frames, but it also has many strings to its bow and has more recently redirected its



efforts to other areas of building work. "We are looking to come away from the general house builds, and concentrate more on garden rooms, offices and structures, along with bespoke, high-end furniture," stated Paul.

Timbabuild Structures will endeavour to continue building upon its sterling reputation and is appreciating the increase in business from homeowner's post COVID-19. "It's been great for us business wise, more people are spending money on their properties, we have never been so busy," said Paul.

Indeed post COVID-19 has laid the foundations of a new norm, and for the construction industry a combination of increasing interest and sustainable requirements has forced companies to think outside the box and deliver innovation on every level. Timbabuild Structures is a remarkable company offering an abundance of beneficial services to a wide number of sectors. Its team of skilled labourers and design experts have certainly laid firm foundations for a long and successful future.

For more information, see below:  
T 07812 148792  
info@timbabuildstructures.co.uk  
www.timbabuildstructures.co.uk





# Tomorrow's Forests is our Timber Build Company of the Year. Here's why everybody's talking about it

In this issue of Building and Construction Review, we have selected Tomorrow's Forests as our Timber Build Company of the Year.

"We are very proud to receive this award. It's a massive team effort, from our amazing planters, foremen and women, supervisors and office staff. They are all hard working and dedicated and we are very grateful to have them on board on our crazy journey. This award is a nice way to highlight everything they do and how it is being perceived out there," stated Elisabeth Boivin, Managing Director of Tomorrow's Forests

Encouraging biodiversity and sustainability, Tomorrow's Forests (TF) are experts at tree planting in the UK. Specialising in high volume commercial reforestation, Tomorrow's Forests is a longstanding provider of quality support services for industry, resource management, government, private landowners and public institutions.



On a mission to fight climate change by creating UK forests, the company provide the latest reforestation industry leading practices to the UK market. With state-of-the-art technology alongside UAV support, TF offer clients a full range of products from tree planting, vegetation management, UAV (Ariel Drone Services), eco logging, woodland surveys and land reclamation. Further to assisting in the planting of local trees, TF can also supply sundry products required for any woodland creation project. Following a woodland survey, TF will provide government guideline funding requirements throughout the process and offer ongoing maintenance, upkeep and professional advice. Benefits to woodland creation include the increase of timber production, the ability to provide a shelter for crops and livestock and new wildlife banks for habitats, an increase in land value and improved amenity value, alongside stabilising river banks and game cover.



We spoke with Elisabeth regarding the last 12 months, "It has been good and very busy. We launched Creating Tomorrow's Forests (CTF) back in September 2020 and both CTF and TF have grown their workforce, their contracts and their clients. CTF is now a UK finalist in the BUPA eco-Disruptive challenge which is a global initiative challenge which seeks to find industry leading start-ups in the sustainability sector while our TF operations have begun on September 25th, 2021, one its biggest forecasted planting season to date."



Earlier this year, CTF was the winner of the 'Biodiversity' challenge which looked at ways to increase, restore, or protect biodiversity around the world. In the programme, CTF worked with Bupa to create diverse new forests and habitats, encouraging people to engage with their local biodiversity and educating them to understand how to preserve it. 2021 has been a challenging yet rewarding year for the company as Elisabeth explained further, "We have had a boost of 30% more than expected on our TF side of the business which has put us in a great position to grow our CTF operations. Over the last two months, we have seen a noticeable rise in business partners joining our CTF venture. It shows a real interest in habitat creation, biodiversity and tree planting initiatives from UK businesses and private members."

Recently, there have been some operational changes with the TF team, with more team leaders and planting squads being added to the business. "Callum Tennant was promoted to Area Supervisor, Toby Brusey was promoted to business Operations Manager, Dr Simone Webber was promoted to



Senior Ecologist and Content Manager and Jaelee Marcotte was promoted to Operations Quality Supervisor," stated Elisabeth.

Further to recent changes, CTF will soon launch its Defra approved biodiversity units which will be a slight change on its approach to its current habitat creation sites. "In alignment with the new environmental bill for England, we will be offering (BU's) for sale to the construction industry. These will be measured by Defra's biodiversity metric. These will take place on parcels of land which will be protected by conservation covenants and should provide sustainable solutions for the modern-day construction industry," said Elisabeth.



The global pandemic due to COVID-19 has brought significant disruption to society and the environment. However, there has been an interest in sustainable living and more people have turned to a more economically friendly way of life as a result. Elisabeth explained how COVID-19 has affected the business, "If anything, we think there has been an increase in demand over the last 18 months for tree planting projects. The demand is also increasing the closer we get to COP26 and for a push for sustainable materials to be used in construction like timber. Our industry is in a good place at the moment, and we are set to grow and evolve with it."



As Elisabeth concluded, "As far as future plans go, short-term, we are at the start of an extremely busy planting season. We are making additional land purchases to run our new programs on BU and sustainability tree planting projects for businesses. We are always endeavouring to expand our client base in the UK. As for long-term, we are looking at starting overseas habitat creation operations and getting more of a global reach. Making sure our companies grow in a sustainable growth model."

For more information, see below:  
 T 01258 818003  
 office@tomorrowsforests.com  
 www.tomorrowsforests.co.uk





# Keep your event gleaming with Eventclean

In this issue of Building and Construction Review, we are proud to feature Eventclean as our Commitment To Excellence.

Eventclean is a specialist in the cleaning and waste management of outdoor and corporate events. The company was established in 2014 by Marc and Eddie Fowkes. With ample experience, Marc and his brother Eddie have been working in the Event industry since 1994, having started as production runners with Mean Fiddler.

The company provides cleaning and waste management services to the outdoor and corporate event industries and can also provide temporary toilet and shower facilities, from single plastic portaloos to luxury trailer units. Eventclean can also provide a complete wastewater management, removal and disposal service. Some of its services include: event cleaning and litter picking, waste management and disposal, waste recycling services, portable toilet cleaning and attending and supply of compostable food packaging and cleaning products.

With over 25 years' experience, the company works proactively with the organiser of each event to find appropriate, workable solutions for any situation. Eventclean can provide tailor-made waste management plans for the most complicated and demanding event situations. This flexible and positive approach, has positioned the company with the ability to be able to deliver a reliable, high quality service ensuring the smooth running of the event regardless of any unexpected problems that may occur.

Committed to quality, the company is members of the Production Services Association, The National Outdoor Events Association and maintains ISO9001, ISO 14001 and CHAS accreditation.

From the company's base in South Wales, with its premises' at Treforest in the South Wales valleys and in Cardiff Docks, Eventclean provides expert services throughout the whole of the UK, and has experience of events both large and small, including some of the most high profile events in the country.

We caught up with Marc, who outlined and told us about some of the company's latest projects.

Marc stated, "We have been helping to deliver quality, world class events in Cardiff for many years, including the Rugby World Cup Fanzone in 2015, the UEFA Champions League Final in 2017 and the Volvo Ocean Race in 2018. We also introduced waste sorting and recycling services to the National Eisteddfod in Cardiff Bay in 2018 and have been the cleaning contractors to the RHS Flower Show for many years.

We were the cleaning contractors to the Stereophonics Concert at the Racecourse Stadium in Wrexham in June 2018 and the two night Massive Attack concert at Filton Airfield in March 2019. We also cleaned the Pete Tong and Caffish & the Bottlemen concerts in Cardiff Castle and provided the waste



management services for the Noel Gallagher concert in Cardiff Castle in May 2019, as well as the Tafwyl Festival, also in Cardiff Castle."



Eventclean works closely with Cardiff Council's Special Events Team, who are involved with the cleaning and waste management of some of the largest outdoor events held in Cardiff including: the Wales Velothon, Cardiff Half Marathon and the Cardiff International Food & Drink Festival held in Roahl Dahl Plas each year. In addition, the company also provides cleaning services to Cardiff's Winter Wonderland and Callennig.

In regards to recent developments during the COVID-19 pandemic, Eventclean has been involved with several test and virtual events and has developed COVID safe event cleaning systems and protocols.

"We were the cleaning and toilet suppliers to the virtual Tafwyl event, broadcast and streamed from Cardiff Castle as well as the virtual Eisteddfod event from Llancaiach Fawr."

Marc continued, "More recently we provided the COVID safe cleaning services to Christmas in the Castle at Cardiff and the Swansea Alpine Village. At both these attractions, we used a two stage cleaning system for all surfaces, comprising of an initial clean with 80% alcohol liquid followed by a thorough wipe down with anti-virucidal liquid. We also have specialist fogging equipment to ensure anti-virucidal products reach the most inaccessible areas."

Another noteworthy development for the company, Eventclean has created a range of sanitiser products for use in the event industry. The products range from luxury automatic dispensers to virtually indestructible steel post dispensers and the company also manufactures a range of small portable sanitising solutions including single use sachets of hand gel.

Whether it's for holding an indoor or outdoor event, if you are looking for a first class service, then Eventclean is here for you, and you can rely on their team to deliver the highest standard of service.

For any further information or if you would like to speak to the company directly, please get in touch using the details featured below.

T 01443 844492  
M 07841 120411  
info@eventclean.co.uk  
www.eventclean.co.uk





# Making the future bright

Bright Ideas Development provides help and support to organisations that require assistance to deliver their development program and ambitions.



"We have two main features to our services, one is to offer advice to people who are intending to undertake development, be that the private sector, housing association or local authority. We have vast experience in both public and private sector development. We are well placed to offer people a helping hand in appraisal work, finding sites, costings, procurement and project management. We have great links with Homes England too. Secondly, we undertake projects ourselves," added Martin Hawthorne, CEO (pictured).



In terms of its own undertaken developments, Bright Ideas Development initiated and designed a scheme in Middlesbrough developing and producing housing.

"I initiated the scheme in Middlesbrough where I found the sites, undertook the original designs, did the appraisals and worked with Middlesbrough Council. Once they had seen what I had done, we created a Partnership with Middlesbrough Development Company and we're now producing 61 new homes and they are all presold," said Martin.

Not only investing in developing properties in Middlesbrough, but moreover investing in the area itself, Bright Ideas Development is helping to breathe new life into the heart of central Middlesbrough.

Martin explained, "We have gone into partnership with Middlesbrough Development Company to ensure that the units are being built and we have project managing the whole thing. We have 22 houses and 45 apartments, in a difficult part of Middlesbrough and we are going to completely revitalise it. It's more than just building buildings and thinking were finished; it's about changing the area, but adding value to the land and people. We want to make it an area that people want to live in, we are the forerunners here for the whole of the Middlesbrough area and its already starting to pick up in terms of residential offer and we are very proud of that."



A massive undertaking of £7.8 million, the Middlesbrough scheme is a large-scale project and Bright Ideas Development has insisted that its development incorporates ecological elements. The company is focussed on looking ahead to the future and ensuring its properties are future proofed.

"We want to have great design features and good ecological credentials. We want to move onto the next schemes maintaining this eco agenda in housing. We want every homeowner to know that a Bright Ideas house is helping them to do their bit for the environment.

Martin continued, "In the buildings in Middlesbrough, we have insisted that they are heated using air source heat pumps. I wanted to insist on air source heat pumps so that we can use zero carbon, green power to heat the houses. We've also got a special deal with Virgin to produce a fibre optic cable for this scheme that will have 1,000MB for each property, so people can work from home use their transport less and build a happy working and family life with the capacity of 1,000MB. This fibre optic cable from Virgin, will give people the ability to keep ahead of the technical curve – you really are future proofed."

For more information, please see below:  
**T 07714 412689**  
[www.brightideasdevelopment.co.uk](http://www.brightideasdevelopment.co.uk)



# Leaders in services, and health and safety for the piling industry

Situated in Glasgow, Burnside Plant Ltd is a piling contractor and a company that prides itself on achieving the very best in customer satisfaction. Through this ethos, the company has established a strong reputation for its outstanding services, among its portfolio of regular clientele based throughout the UK.

Utilising its dedicated and professional team, Burnside Plant maintains an impressive amount of experience and expertise, enabling the company



to be able to provide an understanding and flexible approach to its customer's requirements, while maintaining the highest levels of quality and safety.

"We provide a whole service including design, supply of materials and installation of sheet piles, tubular piles and provide hire or sales of the piles," said Shirley.

Burnside Plant provides sheet pile installation, cofferdam installation, king post installation, mini piling installation, tube installation, permanent and temporary design works, sheet pile hire and sale, Movax hire and haulage services, across the UK.

The company design, supplies and installs a vast amount of products including interlocking Larssen sheet piling retaining walls, for use in both temporary and permanent applications, king post systems, to meet UK standards and its customers particular specifications, and provides

various methods of mini piling. Burnside Plant also maintains its own haulage for delivery and collection of sheet piles and all plant hire.

Shirley added, "We complete the whole scope of the job. Our customer base can be quite varied, clients can range from civil work to everyday householder's requiring foundation piling for doing an extension."

One of the main aspects of the company's services is its commitment to health and safety.

Shirley stated, "We are Constructionline gold accredited, which means that we uphold high standards of health and safety, including online health and safety for our team. We are fully accredited and we have also taken out other health and safety precautions, including height restrictors on our machines and dead man switches, in case of an emergency. We have adopted various health and safety practices, as we understand that this is a dangerous industry and we have taken all the necessary precautions to ensure that everyone from our employees to anyone around, is kept safe."

As the company looks ahead, Burnside Plant is proud of what it has achieved so far and has experienced consistent growth. Moving forward, the company plans to continue to expand, and gain further confidence from its clients, knowing that their health and safety is of paramount importance to Burnside Plant.

"To be able to receive Constructionline gold, shows to our customers that we are a responsible

company, doing everything we can to ensure safety." Shirley continued, "We are a small company, so we are very proud of it. We feel this is why our customers speak so highly of our services and often recommend us to others."

For more information, please see below:  
**T 01416 479331**  
**M 07787 575418**  
[www.burnsideplant.co.uk](http://www.burnsideplant.co.uk)





# Sustainable outside living

Reworkshop Off Grid & Camping specialise in off grid facilities such as composting toilets and shower units, products for campsites and bespoke carpentry and furniture all built with a large emphasis on sustainability and environmentally friendly materials.

Established in 2018 by Joe Scott, the company is based in Ebbw Vales, South Wales and is known for its high-quality sustainable manufacturing. "Extensive thought goes into how each and every product can be as sustainable and environmentally friendly as possible. Our passion for what we provide keeps us continuously testing and improving our products. Always listening to what our customers require, we also offer a remote delivery and installation service with our off-grid products," stated Joe.

One particular product from Reworkshop Off Grid & Camping is The Portable Composting Outhouse,



which is an environmentally friendly, off grid, portable composting toilet solution. The Outhouse is available in three models: The Base Model, The Primo Model and the XL Primo. All three models are what the company consider the most environmentally friendly composting toilet units on the market.

The Base Model was simply designed to be easy to use, portable, strong and environmentally friendly. Its traditional design echoes that of a frontier outhouse and privy, something in which Joe was keen to keep the look and feel of. The walls, roof structure and cladding are pressure treated virgin timbers sourced from sustainable managed forests, and all frames are screwed by hand for strength and accuracy. The roof deck, and toilet compartment cladding are solid



recycled pallet wood, and the unit sits on an adapted reclaimed pallet base.

The Primo Model is an upgraded version and comes with a sunroof and other features. The sunroof is made up of the only recycled tri wall polycarbonate sheeting in the UK which provides great strength and light omitting properties. The compartment lid of the toilet is Primo is solid pine sanded to a fine finish, alongside a recycled plastic urine separator paired with a solid oak conventional toilet seat. The separator sits on its specifically designed recycled plastic slider, which allows adjustment and is coupled to a simple outlet pipe which is detachable for cleaning. As the only company to provide a soakaway vent, both models are an industry first.

The Primo XL bears all the features of the Primo but is larger in width allowing room for a handwash basin and built-in sawdust box, instead of the pallet base the XL gets a redesigned solid wood base, which still allows for easy transportation. Other products include showers, washrooms, and disability facilities, camping and campsite products, reclaimed furniture, gifts and homeware.

Recently, the company has taken on a second workshop to keep up with customer demand. Joe explained the effects of COVID-19, "With the rise in staycations, we've seen an increase in orders,

but material shortages and delivery delays have made life very difficult. We've witnessed extreme price rises in materials which has been hard to deal with especially as we have tried to keep our prices low, but we feel we have now struck a balance and aim to come out the other side stronger than ever."

In the future, the company intend to increase its range over the winter period adding new products ready for purchase come Spring 2022. In closing Joe mentioned, "We've built our business and our reputation on being an easy to work with family company. We love working with our customers to achieve their vision no matter how crazy or off the grid it is."

For more information, see below:  
T 07714 719441  
reworkshopwales@gmail.com  
www.reworkshopwales.co.uk



## BCR Recommends

### South West Lighting Protection

South West Lightning Protection was formed in 2014, by Gary Libby, who has over 39 years' experience within the lightning



protection industry. South West Lightning prides itself on providing a high level of service to our customers, and ensuring works are carried out on time and within budgets. The company has full in depth knowledge of current Lightning protection standards, and can design, install, and maintain all lightning protection systems, complying with BSEN62305, older BS6651 systems, and alternative Early Streamer Systems.

In conjunction with our partners we are able to provide surge protection designs and installation, which enables us to provide a full turnkey service to our clients which request it.

SWLP are safety audited by Safecontractor to ensure high levels of Health and safety are maintained during the course of our works. Engineers are trained in all aspects of lightning protection, and are DBS checked, and hold security clearance for works within the Ministry of Defence estates.

South West Lightning Protection core services are provided to the commercial sector, Ministry of Defence, and Telecoms providers. However we are also involved with numerous individual clients, ranging from churches, schools, and facilities management companies, no job is either too big or small.

Whatever your requirements we are here to help.

T 07807 334441  
www.lightningconductor.org



**South West  
Lightning  
Protection**

www.lightningconductor.org

Airport Business Centre  
Estover  
Plymouth  
PL67PP

Also located in Scotland,  
& London



Formed in 2014, and having over 40 years of expertise in the lightning protection industry, South West Lightning Protection, provides a full range of services from our office locations in the UK. With our trained operatives we are able to provide a full range of services, from conception to completion, and with our Safecontractor accreditation you can be assured works will be carried out adhering to all relevant health and safety requirements.

Whatever your requirements - we are always pleased to help

- Lightning Protection risk assessments
- Installation & Design by accredited engineers
- Test & Inspection (BSEN62305, BS6651, NFC 17 102)
- Safety Line systems testing

Tel: 07807 33 44 41

Web: www.lightningconductor.org

Email : North@lightningconductor.org — South@lightningconductor.org





# Bespoke steel structuring catered for you

Structural steel is one of the most widely used building materials in the construction industry. With its predictable behaviour and stern structure, it is not only reliable it is also 100% recyclable allowing for multiple reuses and a long-life span.

Structural Steel Buildings was established in 2019 by Stephen Heath, who has over 30 years' experience in the steel framework and cladding industries. From the creation of a new storage bay right through to a large warehouse, Structural Steel Buildings build to the customers exact requirements.

Based in Stoke-on-Trent, Structural Steel Buildings services stretch nationwide to a multitude of sectors. As specialists in the construction and cladding industries, the company also caters to industrial and agricultural markets – however, these services are offered on a much broader scale to include demolition over clad, strip and re-sheet.

Within the agricultural market, Structural Steel Buildings provide a vast range of buildings from grain stores, lambing sheds, hay barns and pig sheds. The option of refurbishment is available for this market and can be anything replacing a roof light to a strip and re-sheet.



standard buildings. With over 30 years' of experience in the industry, Structural Steel Buildings includes all safety measures as part of the installation quote. Its employees are professional, experienced and qualified to carry out specific services asked of by the customer.

From garages, workshops and storage sheds, Structural Steel Buildings offer cold



which is delivered in the most cost-effective way, saving the customer time and money. Additional services can be added, for example fountains can be a great addition to accompany any building. All services come with a full management service, creating a safe and secure environment for the customer.

In more recent times, when asked what affects COVID-19 has had on the business, Stephen answered, "Surprisingly, COVID-19 has had an adverse effect on the business. As people have not been able to go out, more of the general public have turned to their own properties for personal renovations or building work which we have been able to supply and help with."

As well as receiving more custom from domestic customers, Structural Steel Buildings has had the pleasure to have worked with the National Health Service to provide instant erections of temporary building and fixings in and around hospital environments. "We have done a lot of work for hospitals. From cladding to erecting temporary operating theatres that we have set up in hospital carparks, it has been an honour to use our expertise to help out during the pandemic." states Stephen.

Emphasising its successful emergence into the domestic industry, Structural Steel Buildings now offer the erection of garage workshops from start to finish. Adding to its already sterling repertoire, Structural Steel Buildings has the expertise and the equipment to supply a brand-new garage created with a bespoke design package unique to the customer's needs. More information on this service will be available soon on the company website.

Whether you have specifics in mind or you're working from a blank canvas, Structural Steel Buildings will help and guide you through the beginning to the end of the build. By using only the finest quality materials, combined with the wealth of experience within the company, each engineer ensures a completely bespoke package you can rely on.

Structural Steel Buildings is SMSTS qualified in project management and all its operatives have the relevant qualifications. The company offers all aspects of a new build including design and build for the industrial market. Again, refurbishment is also available as a service from strip and re-sheet to asbestos removal, building extensions and much more.

The company started with one goal in mind, to offer an affordable option to the build of

rolled steel framed buildings which are designed by experts and constructed to the highest standards. The cold rolled steel framed buildings come with the option of a range of box profile cladding and can come insulated or single skinned. For larger buildings exceeding six-meter eaves height, the company use hot rolled steel with a variation of box profile cladding.

By offering a competitive price range on all its services, Structural Steel Buildings is able to compete fairly against competition. Its customers are always at the forefront and are partly responsible for the early success Structural Steel Buildings has had so far.

A full turnkey service is one of the most popular offerings by Structural Steel Buildings. Overseeing everything from base slab to the erecting and cladding of the building, Structural Steel Buildings offer a supply only package with a step-by-step instruction guide catered solely to each customers individual requirements.

### But why choose Structural Steel Buildings?

By having experts in the field, which combined have many years' experience, its bespoke builds are made with the utmost due care and attention using the highest quality steel. Each option of build comes with a vast range of additional services to create the ideal, personalised package



For more information, see below:  
 T 07488 378802  
 T 07488 378818  
 stephenssb13@outlook.com  
[www.structuralsteelbuildings.co.uk](http://www.structuralsteelbuildings.co.uk)



**STRUCTURAL STEEL BUILDINGS**



# Selwood innovates to build on its position as the UK's leading pumping solutions provider

Selwood's reputation as the number one pumping solutions provider for the construction industry is built on exceptional products, people and service.

As specialists in engineered pump solutions, fluid handling and water treatment, Selwood covers the full range of pumping needs from simple rentals to the development of complex solutions for major building projects.

Operating from a comprehensive network of branches around the UK, including a new London solutions centre, the company also provides a genuine 24 hr emergency callout service.

Selwood's focus is on innovating through technology to provide the safest, most cost-efficient and reliable solutions for construction industry projects while helping businesses

meet their goals on environmental responsibility.

For example, it was the first UK pump rental company to offer pumps that can be fuelled by Hydrotreated Vegetable Oil (HVO) in an industry-leading move that will significantly cut greenhouse gas emissions.

Selwood's in-house telemetry system,

SelWatch makes it easy to monitor pumps off-site, and to troubleshoot potential issues remotely from a laptop, phone or tablet from anywhere in the world.

Contact the Selwood team for information on our construction industry pumping solutions.

**T 0333 014 2000**  
[www.selwood.co.uk](http://www.selwood.co.uk)



The recent project for The Mill – Loughborough, Balconylife were requested to provide all balconies for the project designed to meet the industrial look of the building. As this was an existing building the balconies had to be designed to affix on to old brick and supported to meet regulations which maintaining a sleek contemporary look.

The project was completed and the look of balconies certainly complements to look of the Old Mill.

BalconyLife are balcony specialists and have been designing, manufacturing and supplying them to the construction industry for over 15 years from their workshop located on the Leicestershire and Nottinghamshire border.

Along with Balconies, BalconyLife are able to offer other products within their range with Staircases, Canopies, Balustrade systems and Handrailing systems for Domestic, Commercial and Retail customers.

**Balcony packages**

BalconyLife have many options available for balconies including cantilever, supported on legs, Juliet balconies and bespoke balconies to suit all needs.

We offer complete design, calculations for building regs and installation throughout the UK.

Our balconies are provided with a full ten year warranty against deterioration and we are able to.

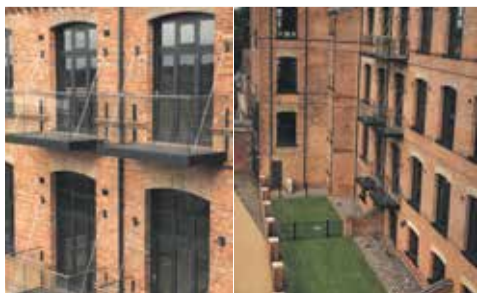
**Options Available:**

- ▲ Fire Rated Decking, Tiled and Fire Resistant Composite Decking.
- ▲ Frameless Glass Balustrades< Glass with Handrails and steel or aluminium balustrade (various designs)
- ▲ Controlled drainage

**Other Products Available:**

- ▲ Glass Balustrade Systems
- ▲ Staircases
- ▲ Glass Canopies
- ▲ Handrailing Systems

**Contact us for more information:**  
01509 844233 or [enquiries@balconylife.co](mailto:enquiries@balconylife.co).



Providing pumping solutions for all



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[www.selwood.co.uk](http://www.selwood.co.uk)

Selwood's reputation as the UK's number one pump rental solutions provider is built on the quality, reliability and longevity of our products and our ability to provide a solution for your pumping needs.

Providing efficient, suitable, safe, integrated solutions using both surface mounted and submersible pumps.

Available from our comprehensive network of UK branches.



BalconyLife are balcony specialists and we offer complete balcony packages in a range of balcony styles and sizes for housebuilders, developers and self-builders to select from. The balcony packages include everything needed for installation including cantilever balcony supports and thermal breaks.

**Our range of balconies are available with options below**

- Frameless Glass
- Fire Rated Balconies
- Steel or Aluminum balustrade to balconies
- Bespoke range
- Decking or Tiled flooring options

**Other Products available :**

- Glass Canopies
- Staircases
- Thermal Breaks
- Handrailing and fencing

Bring the outdoors in



Visit us at: [www.balconylife.co](http://www.balconylife.co)  
Contact us at: 01509 844233



# Best practice leads to happy customers

A regular contributor to BCR, the Timber Decking & Cladding Association (TDCA) is an independent, not-for-profit advisory organisation, established to influence and promote good industry practice. The TDCA is the recognised voice in the UK for guidance on creating high performance, fit for purpose timber decking and cladding structures – accessed by both amateur individuals and professional contractors alike.



The organisation works tirelessly to help raise standards of market knowledge and provides a sourcing service to help buyers locate good quality decking and cladding materials including fixings, application tooling, coatings, factory applications and other ancillary products.

“Everyone knows that dealing with customer complaints is time consuming and costly plus can be frustrating and stressful for all parties



Beautifully detailed decking by DeckMark accredited Deckbuilders UK Limited

involved, with the valuable time they take up better spent elsewhere in the business. Construction sector problems can often involve complex investigations and run into the thousands, depending on the size of the project” explains Janet Sycamore, director of operations at the TDCA. She continues, “Our message to installers is a simple one – complaints are best avoided; use the most appropriate materials and follow best practice guidance from the outset and you will be rewarded with happy customers.”

The TDCA acknowledges that most people set to work with the intention of doing a good job,

but they are not always armed with the right information. With innovative new products and techniques emerging on the market coupled with changing legislation, it’s always prudent to do your research before starting a new project. Janet continues, “The last thing you want is to be called back to a job that has problems – it hits the bottom line as well as your reputation. The good news is most of the problems we see are easy to avoid by following simple guidance, available from the TDCA.”

The TDCA is supported by members who have undergone surveillance audits of their Quality Management Systems, demonstrating

a commitment to supplying excellent products and/or services. Businesses who hold the prestigious TDCA DeckMark or CladMark accreditation for Approved Product, Supplier or Installer status, can further verify outstanding quality or capability. These third-party quality accreditation schemes aim to build buyer confidence by providing such additional certifications. Moreover, if a TDCA member does encounter issues, both themselves and the customer concerned have the added assurance that the TDCA will act to resolve them, through their dispute resolution service.

The TDCA can give advice by phone or email on product selection, project specification and installation as well as providing useful services, including site inspection and expert witness reports. Free to download technical guides, an approved supplier database, project inspiration, handy Q&As and much more can be found at their website: [www.tdca.org.uk](http://www.tdca.org.uk)

If you are a quality conscious company and are interested in achieving DeckMark and/or CladMark accreditation, you should contact the TDCA at: [info@tdca.org.uk](mailto:info@tdca.org.uk).



# Helping you find the right funding, right now

SME funding UK is a business finance brokerage that guides clients through the process of business funding. “SME funding UK Ltd was established to source almost any form of business finance for any UK and channel island business. Encompassing traditional lenders, alternative financiers, fintech solutions and challenger banks along with high levels of customer service, we work ethically and transparently to find the right funding solution for the client,” stated Henry.

Based in Willingham, North Cambridge, SME Funding UK was established in 2016 by now Commercial Director, Henry Audley-Charles. Henry has an extensive history of working within the banking industry, with roles in commercial and senior business development, and as a regional sales

director for an invoice finance company.

SME funding UK are general brokers, specialising in working capital solutions, asset finance and property finance, and also provide consultancy services to SMEs to help improve business systems and processes. “We help SMEs borrow money from the right lender, for the right products, at the right price, for the right reasons,” mentioned Henry.



Authorised and regulated by the Financial Conduct Authority, it is also a member of the National Association of Finance Brokers and Financial Intermediary & Broker Association, and the company is registered with the Information Commissioner’s Office.

Being FCA authorised allows SME funding UK access to better quality lenders resulting in serving its clients with a better deal. In line with the company’s tagline ‘Helping you find the right funding, right now,’ SME funding UK prides itself in its ethically sound approach.

“You can count on our honest and trustworthy advice, clear communication, precise auditing and sustainable work. This results

in a better outcome for both the lender, the client and for us,” explained Henry.

SME funding UK also work with start-up loans, which is government supported for businesses that are less than two years old. Once the client has passed the credit check, they are allocated a mentor to assist with the rest of the application and on going coaching for 12 months by the Start Up Loans company.

Looking ahead, SME funding UK is looking to delve deeper within the construction industry. Henry mentioned, “We can help with finance towards property development and can cover up to 50% of the land purchase and up to 100% of the build costs. From bridging, buy-to-let, commercial mortgages and property development anything a business might need, we can do.”

In the future, SME funding UK is always on the lookout for new lenders who also act in a sustainable and ethical manner. As the economy is starting to improve, new clients are always being sought after and new industries await exploration.

SME funding UK is a rare gem surpassing the norm to help reduce the risk and save clients save time and money. Always putting the customers best interest at heart, when it comes to money sourcing and finding funding for your business, SME funding UK is a company you can bank on.

For more information, see below:  
T 01223 848844  
[henry@smefunding.uk](mailto:henry@smefunding.uk)  
[www.smefunding.uk](http://www.smefunding.uk)

**SME funding UK**  
Helping you to find the right funding, right now

SME funding have been instrumental in helping us source the right funding for our unique situation.

We are so thankful to have been introduced to Henry; We could not be happier with his fast service, ethical manner and his sound advice.

In fact, we are so happy with Henry we have tagged him on our phone contacts as 'speedy money'.

Lisa Woodcock, Mulini Displays and Services, March 2020

**SME funding UK**  
Helping you to find the right funding, right now

Henry was a brilliant recommendation. He was able to complete all the paperwork, make all the calls and deal with everything on my behalf.

He saved me loads of time and money in research and wasted calls.

He was that good to deal with I was recommending him before the deal was completed!

Luke Pijer, BJ Waller Ltd, March 2020

**SME funding UK**  
Helping you to find the right funding, right now

We were having funding issues with our High Street invoice factoring company as many of our clients were within the construction industry.

We approached SME funding to source another funder. Henry worked tirelessly to ensure we appointed the right lender for our business, he was available at any time for advice and consultation and we were particularly impressed with his vast knowledge of invoice finance and banking.

We would definitely use SME funding in the future for any of our finance needs, and would whole heartedly recommend them to other SMEs.

Johnny Richardson, Adaptive IT Ltd, April 2019



# The future of conserving the past CPD

George Barnsdale has announced its latest CPD webinar 'The Future of Conserving the Past – how to sustainably specify timber windows & doors for conservation projects' taking place on 4th November 2021 at 1pm.

Aimed at professionals working in the built environment, the event considers two sides of the conservation coin – balancing the environmental impact of inefficient historic properties with the need to protect the integrity of the building for future generations. Current planning laws try to incorporate ways to achieve net zero whilst, on the other hand hampering us in bringing old buildings up to modern, sustainable



standards. The session will look at ways in which clever design and use of modern techniques can help architects and developers find a better balance.

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## Why Harvest Rainwater & What You Can Do with it

With the increasing unpredictability of the British weather, there hasn't ever been a better time to harvest rainwater for use around your home and garden.



Water harvesting systems come in all different shapes and sizes, so depending on the size of your home and room you have available, you can choose a system that suits you. Keep in mind: the more water you collect, the more water you're able to save. You can also decide between above and below ground rainwater storage.

Harvesting rainwater can have some huge benefits for both you and the environment.

- ▲ Eco-Friendly
- ▲ Save Money
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- ▲ You're Covered in Emergencies
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- ▲ Washing Your Car
- ▲ Cleaning
- ▲ Composting
- ▲ Pets & Animals
- ▲ Refill Ponds & Bird Baths

Are you ready to harvest rainwater now? Find your solution at Rainwater Solutions today.

[www.rainwatersolutions.co.uk](http://www.rainwatersolutions.co.uk)

## RAINWATER HARVESTING

Rainwater harvesting is a smart way to reduce your water bill as it can be used for a number of purposes.

Find your solution at Rainwater Solutions today.  
 Call 01462 429 758 or visit [www.rainwatersolutions.co.uk](http://www.rainwatersolutions.co.uk)



Harvesting rainwater can have some huge benefits for both you and the environment.

- ◆ Eco-Friendly
- ◆ Save Money
- ◆ Store Water for Summer
- ◆ Reduce Mains Pressure
- ◆ Help Reduce Flooding & Erosion
- ◆ You're Covered in Emergencies
- ◆ It's Free & Simple





## Vision Development

Vision Development is a family run business that understands the importance of providing high quality homes for self-builders and developers. Vision has their own manufacturing facility based locally in Beenham, Berkshire where we have a range of high quality, durable materials for manufacturing our timber frame systems, available to view by our clients looking to understand the timber frame construction process for their home.

The flexibility of design, speed of construction and allowances for first fix trades means choosing timber frame for your project will mean your entire project is brought to fruition far sooner with a lot less disruption.

Vision believe that each project they receive should be treated as individual and as such, priced accordingly. Vision provide fixed costs to their Client's, not a 'budget estimate' that allows our clients to properly budget for their project.

Vision boasts the only in-house timber frame manufacturing facility situated in Berkshire, meaning the quality control of workmanship and materials is guaranteed with every project they undertake. All materials used are sustainably sourced and all their frames are manufactured and installed by trusted and experienced teams. As well as the above, Vision are certified to ISO 9001:2015



standard, ensuring a strong consistent customer focus along with quality products and services.

To get in touch with Vision directly to discuss your own project, call them on: 01189 712181 or email your drawings through to them at: [info@vision-dsl.com](mailto:info@vision-dsl.com).

Their website has a host of information on their services and past projects they have completed, here are a selection of the beautiful homes they have supplied to their client's.

[www.timber-frame-suppliers.co.uk](http://www.timber-frame-suppliers.co.uk)

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“Specialist advice to those with responsibility for historic metalwork in the public and private sector”

## The Historic Metalwork Conservation Company



The Historic Metalwork Conservation Company (HMCC Ltd) provides conservation services to all those who have responsibility for historic metalwork in the public and private sector. Services can be provided to museum staff, conservation architects, local authority conservation officers, heritage engineers, historic building restoration contractors and private individuals looking for professional solutions when dealing with conservation and restoration problems.

At the end of 2020, HMCC Ltd was employed by Qi Refurbs & Contracts Ltd of Telford to assist in the restoration of a Victorian tavern light from an art deco building in the centre of Swansea. The building is currently a Holland & Barrett store and QiRC were carrying out renovation works. The lantern was no longer illuminated and was in a poor condition. It was taken to a workshop for comprehensive repair.

The lantern was dismantled, with the remains of the roof being removed and the glass panels carefully taken out. Remaining paint and rust was removed manually before heavily wasted steel sections were replaced. The original roof was repaired and the missing heart to one side of the finial remade in copper.

The frame was completely repainted using an alkyd oil system. Original broken glass panes were repaired with a UV resistant adhesive resin before the lantern was re-assembled. The glass panes were secured using a modern glazing compound before the repaired roof was re-fitted. A new electrical fitting was added inside, and fly mesh fitted to keep insects out. The lantern was refitted by QiRC in early March 2021.

[www.hm-cc.uk](http://www.hm-cc.uk)

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## Glampubs

Glampubs provide high-quality log fired hot tubs which are designed specifically for the demanding glamping and leisure business. Our years of experience using these tubs on our own glamping site gave us a unique insight into what makes a great product.

Our tubs are robustly constructed with high-quality LDPE liners and heat-treated thermowood outers for a traditional appearance. Your visitors will benefit from a deep fill and simple, rapid heating from traditional logs. As an operator/ owner you will appreciate the reliability and low maintenance from the product. Both internal and external heating options are available.

Aidan Reeve, Glampubs Technical Manager says "We tried

several different tubs when we started our site, Tinywood Homes ten years ago. We found that these tubs were great for the customer and great for us; they are a breeze to clean and turnaround and give excellent service with no downtime"

Sales Manager Adrian Beaumont adds; "Our mission is to provide the sector with what we believe are the highest quality and best value product available on the market today. We understand that getting the right hot tub will not only draw customers to you, but will also extend your season and generate higher revenue"

T 01926 504067  
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www.glampubs.com



## All Weather Access



Trackway popularity has rocketed in the last few years, with companies and businesses alike seeking ground protection, and temporary access. The protective flooring really is essential for a number of reasons, such as ensuring projects don't get delayed due to bad weather or being able to create a temporary route for heavy plant and machinery to successfully move around the site.

Due to our extensive range of trackway products, we have been given the fortune on working on many large-scale jobs including a project for a large construction company, on a site in South West London.

The project required us to use two different forms of trackway, resulting in 245 heavy-duty panels, Tufftrak, and 177 medium duty panels, Euromats, being used. Our team delivered and installed the products over the course of 2.5 days, before any contractor was on site, as this allowed our client to then take the delivery of the initial site facilities.

The work carried out at this site is a great highlight of how our expert team can supply and install large quantities of trackway efficiently, and to the customers standards. It also highlights the diversity our trackway panels have, as we were able to provide access for heavy duty plant and lorries, while only using two different products.

T 01371 700 510  
info@all-weatheraccess.co.uk  
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## Sunshade Services provide outdoor sheltered space for Frimley Church of England Junior School

Sunshade Services were tasked with providing an outdoor sheltered space for Frimley Church of England Junior School. The existing space was located near to the main school building but on the edge of the playing field with a pavement walkway on one side and an existing football pitch on the other. Our design brief was to cover an area as large as possible, within budget whilst remaining within the confines of the pavement & football pitch. The structure was to be located centrally when looking at the school building to create a symmetrical view when looking at the school.

Our solution was to install two of our Trent canopies, each 8m long x 6m wide, joined-together to cover a total area of 16m long x 6m wide. The two canopies were joined in the middle with one of our custom-made gutter joints, which effectively created one large canopy.

The steel framework was powder coated in the colour of choice of the client & comes with a 5-year structural warranty. Each post was fitted with a 50mm thick, 1.5m long padded post protector in different colours so as to optimise



the appearance of the structure. The entire structure has been designed & manufactured in the UK to maximise the backup & support for all component parts.

Trent canopies can be installed in completely open areas, adjacent to existing buildings, courtyards, in fact anywhere there is a requirement for a covered area. Offering low cost, large coverage these canopies offer complete flexibility to offer a solution to almost any shading problem.

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## Heart Pods

Heart Pods based in Coventry design and build a wide range of Pods, Shepherd Huts, Garden Studios and other additional outside spaces.

Most recently, they launched their latest range in Garden Studios. These high-quality flexible spaces can be installed and ready to use very quickly.

Available in three sizes and specifications, they are built in a contemporary design with floor to ceiling windows and doors and are fully lined and insulated.

Whether you need office space, a gym, playroom,

bar, man cave or somewhere to escape and relax, the Garden Studios are a great alternative to an extension and at just under 2.5m high, in most cases, no need to apply for planning permission.

The Garden Studios are a great addition to the fantastic Pods and Shepherd Huts already on offer at Heart Pods. You can see the entire range on their brand new website at: [www.heartpods.uk](http://www.heartpods.uk)



To arrange a virtual show-round, call 01676 540333 or email [info@heartpods.uk](mailto:info@heartpods.uk).



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**Tayplay are one of the largest UK-based trade supplier of EN1176-1 certified rope playground structures**

Our family of partners can help with full playground design, costing & installation

## Rope playground nets and bridges



TAYPLAY opened for business in 1994. Based in Perth, Scotland, we quickly established ourselves as a friendly, reliable supplier of premium rope net products, such as our best-selling Activity Net range. Most members of our small team of 18 have more than 10 years' service with the company, many have 20+ years. We are a global supplier, priding ourselves in our high-quality customer service & products.

We are versatile, creative & can meet all customer expectations; from the simplest connecting rope, cargo, or climbing net, to major custom design projects.

We work with, & have, long standing relationships with the majority of play and installations companies across the UK. Although we are predominantly a trade supplier, our aim is to ensure you have the right product for your specific needs. We can assist at the design stage, if required, via the expertise of our Design Manager, Andrew Little, & his team.

We have been involved in developing many custom projects, both worldwide, & in the UK. Recent examples include sections of the rope play equipment supplied for the new Bewilderwood children's forest play experience in Whitchurch, Cheshire ([www.bewilderwood.co.uk](http://www.bewilderwood.co.uk)), along with the newly refurbished Planet Play area at the Kennedy Space Centre visitor complex in Florida. The home of NASA!

Andrew collaborated with the US team, designing multiple nets. Our Production Team manufactured them, & they fitted to perfection. No mean feat working remotely on a project so technical in layout, & which included several challenging design elements, & unusual shapes. The Vortex Floor Net has over 201 unique rope lengths, along with 5,000 cross joints, not to mention the deep space 7 metre long Black Hole & 7 metre high Pluto & Mars Tunnels.

TAYPLAY'S nets provide children with real life experiences, in an exciting, yet safe & controlled environment. Climbing helps develop their spatial awareness, cognitive & motor skills. The challenges also encourage & develop problem-solving skills, within the context of secure, imaginative play. Whatever your customer's expectations, TAYPLAY can take their concept from the drawing board right through to the playground!

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## Maintenance free solutions for decking and landscaping

Did you know that many real wood decks require full replacement within seven years of installation? This coupled with annual maintenance costs for labour and materials can make your wooden deck very expensive in the long run and if you are doing it yourself it's going to use up a lot of your time. Time that could be spent enjoying your garden instead.



A Gardening Express survey found that homeowners change their patio or deck six times over the course of their gardening lifetime at a cost of around £9000. Fortunately, if you are installing or replacing your deck there is a solution in the form of recycled plastic decking. A long-lasting alternative to wood.

Utilising plastic that would ordinarily be sent to landfill or incinerators, Kedel turn it into long lasting, maintenance free landscaping materials, with the look and feel of real wood but that can last a lifetime, so you just do the job once!

The slightly higher initial price of recycled plastic wood is quickly recovered through savings on maintenance or replacement, resulting in lower lifetime costs when compared to real wood designs. This initial outlay can be recouped in as little as 2 to 5 years. Recycled plastic decking is splinter free, frost proof, shock proof, resistant to most chemicals and impervious to fungi and water.

Kedel Marine Decking Boards can be used for various landscaping projects and are ideal for boardwalks, pontoons, jetties, access ramps and fishing piers.

For more information on any of Kedel's products and services, contact us today for help and advice.

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From business parks and public spaces to residential developments and roof gardens, Waterscapes Limited is a leading water feature and irrigation specialist company that for over 30 years, has been producing and installing projects for corporate, municipal and private clients across the UK and Ireland.



If you're looking for water feature and irrigation for commercial construction, large residential developments and business parks, Waterscapes is the perfect company to provide these services. The company can offer a complete package, from design through to maintenance or any component within.

With a diverse customer base from a variety of disciplines, Waterscapes prides itself on the quality of its workmanship and equipment used to provide a high level of service, that is personal to each client. From pumps to filters, sprinklers to fountain nozzles; each product is selected for its high specification and suitability for use, offered with extensive manufacturer's warranties.

Waterscapes provide endless creative vision and attention to detail, so there is no better time to take advantage of the company's progressive thinking.

For more information, please see the details below:  
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Twitter/Insta: @waterscapesltd

## Create the ultimate outdoor entertaining experience

Quan Garden Art are a premium outdoor entertaining brand, specialising in strikingly designed 'Fire Plate BBQ's' where you cook on a hot plate surrounding a fire-pit. Not only does this form of outdoor cooking take your barbecued food to the next level, it also provides a focal point for family and friends to stand around whilst enjoying a drink and conversation, making this



the most social BBQ experience on the market.

The pandemic has certainly led to a significant increase in outdoor entertaining, and this trend looks set to continue. Quan are currently seeking to partner with property developers across the UK, to offer stylish and unique 'Outdoor Entertaining Packages' to prospective new homeowners.

Quan UK also offer a Professional range suitable for outdoor areas in restaurants and hotels, where chefs can provide real theatre outdoors – as watching someone cook on a Quan Fire Plate makes for a mesmerising experience. These are products that will transform the way you BBQ!

Please contact Jon at Quan on: 07811 408688 for further info and see: [www.quangarden.art](http://www.quangarden.art) for full product range.

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**Andy Kearns,**  
Transformation & Compliance,  
Opals Group.

- **Simplify:** A simple, easy-to-use, interface that makes sending, receiving and reviewing data between operations and team members, frictionless.
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## Why Harvest Rainwater & what you can do with it

With the increasing unpredictability of the British weather, there hasn't ever been a better time to harvest rainwater for use around your home and garden.

Water harvesting systems come in all different shapes and sizes, so depending on the size of your home and room you have available, you can choose a system that suits you. Keep in mind: the more water you collect, the more water you're able to save. You can also decide between above and below ground rainwater storage.

Harvesting rainwater can have some huge benefits for both you and the environment.

- ▲ Eco-Friendly
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### First steps

The Passive Haus Institute had a huge influence on developing the company's vision and to show the institute the companies support is one of the Pure Haus goals. The principles to work to were very consistent with the company's ethos for sustainability, quality, health and comfort. Taking pride in your home and local community was at the heart of our long term vision; Building Stylish and Sustainable Communities.

### Values Driven

After committing to the goal of reducing the carbon footprint of the built environment the affect was so substantial Pure Haus found themselves promoting Passive Haus to anyone who would listen to them, there was a new buzz within the company. The first challenge was naming the company.... Pure Haus emerged the winner. Implying a German inspired house builder with a goal of making the world a cleaner, healthier place. The second goal was to identify the people who can help remove assumptions from the equations and replace them with facts.

### Working with like minded people

Aligning with like minded people, who demonstrate this enthusiasm by going above and beyond our expectations, is the driver of this business. Our Builders have taken time to travel and see other sites under construction to learn a new skills, to say they are excited about timber framed housing and its potential would be an understatement.

Working to this standard is an opportunity that's rare; for them to be given a chance to do something worthwhile, get paid, and leave a legacy appealed to them!

### Future challenges

Having secured relationships with financiers and landowners the biggest challenge moving forward is to have the operations of the company scaled up to match the ambition of the company.

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# Heat Pumps: A 'no-brainer' for self and custom build homes

If you're building a new home or creating your dream barn conversion, there's not usually much excitement surrounding choosing the heating system. They just don't get homeowners blood pumping in quite the same way as a new kitchen, that glass balustrade or the latest Farrow & Ball colour chart!

But with an impending ban on gas boilers from 2025 to help reach the Government's target of net-zero emissions, coupled with the real possibility that all homes who have a gas boiler could face a dreaded 'carbon tax' at some in the future; a financial penalty that aims to bring under control the fact that 14% of UK greenhouse gases come from our homes, then installing a heat pump now really is the common-sense option.

For those involved in self or custom builds installing a ground, air, or water sourced heat pump will not only provide for 100% of the heating and hot water needs but will future proof your new home from fossil fuel price rises or penalties. In addition, the current financial incentive from the government in the form of RHI Scheme means that most, if not all, of the cost of installing is paid back to you over 7 years.

And for some homes on new plots, the savings based on not having a gas connection brought to site can run into the thousands!

If you're doing a new build (or a significant renovation), it's the perfect time to install these systems as you don't

have the added hassle, or cost, of re-designing the radiators or underfloor heating system, because you're installing from scratch anyway.

IMS Heat Pumps clients have been future proofing their homes for over 20 years. We work with you, your architect or main contractor to specify the right system for your home. For custom builds and renovations, right now heat pumps really are a no-brainer!

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## Air source heat pumps by HouseWrapped



With a strong ever-growing global emphasis on the environment, more and more people are searching for environmentally friendly ways in which they can improve their impact on the environment. One of the areas that is becoming more of a priority is improving upon energy consumption.

Air Source Heat Pumps are renewable heating units that are fitted in place outside a property and offer a number of benefits to the consumer over other types of heating sources.

The most significant benefits to the consumer of changing to an Air Source Heat Pump is the significant saving that can be made on energy bills and carbon emissions.

Air Source Heat Pumps works by using the air outside the home in order to warm the water pipes, producing both hot water and heating. The system works irrespective of what the temperature is outside the home and as a renewable source, is readily available and free.

Unlike other traditional forms of heating used to heat your home and water, there is no gas involved. This in turn, provides a substantial positive impact on the environment as it means a significant carbon emission saving can be made.

Notably, as part of their commitment to reducing carbon emissions, the government is offering a Renewable Heat Incentive (RHI) for people who change their heating source to a heating system with an improved energy rating.

To find out more about Air Source Heat Pumps & to arrange a free on-site survey, please go to the webpage below.

<https://www.housewrapped.co.uk/air-source-heat-pumps.php>



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- Can heat water and your home
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- Easier to install than many other systems
- Receive Incentive payments for 7 years

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# Breaking the nutrient neutrality deadlock

Two years ago, Natural England advised a number of local authorities in the Solent catchment area to halt the determination of planning applications unless the developments could prove they were nutrient neutral. And the issue is spreading. David Stagg, technical product specialist for wastewater experts Graf UK, advises housebuilders and developers how to break the deadlock.

Concerns about the effects of nutrient over-enrichment within some European-designated nature conservation areas, including those in the Solent and Poole Harbour, have existed for many years.

However, Natural England has now updated its advice on the complex issue following a judgement by the Court of Justice of the European Union in two joined cases related to the EU Habitats Directive, now known as the Dutch nitrogen case, or even more simply, the Dutch case.

The ruling has meant even greater scrutiny of the water quality of Special Areas of Conservation (SAC) and Special Protection Areas (SPA) across the UK, with the building of residential properties particularly being linked to excess nutrients entering nearby water sources.

High levels of these nutrients, which come directly from wastewater treatment discharges and indirectly from farm drainage/runoff, sewage/silage systems, enter streams and rivers, causing excessive growth of green algae, which smothers rare habitats and wildlife.

While the construction industry largely ignored the advice at the time, thousands of planning applications for tens of thousands of much-needed new homes now remain on hold while housebuilders and developers struggle to find a long-term viable solution. Some local authorities are even dismissing appeals for single dwellings if the schemes cannot be shown to be nutrient neutral.

Morgan Sindall did manage to persuade Hampshire County Council that its Later Living £13 million Addenbrooke extra-care scheme in Gosport could be nutrient neutral with the installation of water-saving flow regulators... but this was at a cost of £50,000.

Another idea is to take farmland out of agricultural production and get developers to turn it into nature reserves against which they could buy credits to offset their nitrate discharge. It's a slant on carbon neutrality but comes at a cost to them of £1,235 per kilo of nitrogen. And this is not an option for brownfield sites because they will not result in any agricultural land being taken out of production.



However, a long-term viable solution already exists. The development of this technology was implemented more than 15 years ago for Scandinavia, where the phosphate element of nutrient elimination is already common practice.

More than 5,000 wastewater treatment systems with this technology have already been supplied into Scandinavia by Graf to meet these challenging discharge constraints (as with the more challenging nitrate removal in Sweden), which uniquely achieve an independently tested\* 0.4mg/l of phosphate removal, only days after commissioning.

Reductions in phosphates as low as 0.2mg/l have even been achieved on a Graf UK installation at the award-winning Scottish attraction Loch Leven's Larder, a working farm, restaurant, deli, gift shop and playground on the banks of Loch Leven, which attracts more than 300 visitors a day in high season. Renowned for its wintering and breeding wildfowl, the Loch has been designated a SPA by SEPA (the Scottish Environment Protection Agency).

To comply with SEPA's particularly stringent phosphate and nitrate discharge requirements, the attraction needed to replace its deficient wastewater treatment system with one that limited phosphate discharge to 2mg/l. The new Klaro XXL system is now up and running and is operating to 0.2mg/l (Graf UK's One2Clean system can also be set up for phosphate removal).

The system can either be supplied as a single-chamber tank featuring

a single airlift pumping process, or as a split chamber which utilises multiple airlift pumping processes. The system performance is extremely effective, processing the waste up to a 99% treatment coefficient. The treatment technology can also be combined with precast concrete tanks. Both use sequence batch reactor (SBR) airlift technology, which is widely recognised as being the most efficient for wastewater treatment and results in extremely low volumes of sewage sludge.

The process is wholly controlled in the tank, with precipitants attaching themselves to the phosphate so they sink to the bottom of the chamber for removal by normal desludging.

Another benefit of the more advanced system is it comes with underload detection as standard, which allows it to operate efficiently with up to 75% underload – a benefit particularly for second homes, which are often left unoccupied for long periods of time.

Carbon dosing is an additional option, which can aid nitrate removal by adding a carbon (sugar) solution to the system, which feeds/stimulates the micro-organisms, so they continue to produce high-quality effluent during underload. If the system is likely to drop below the 75% underload threshold the carbon dosing makes up the shortfall to ensure low-odour and even odourless treatment and extended times between tank emptying.

Natural England's focus on nutrient neutrality is now moving from Hampshire to Herefordshire, Kent, Dorset and Somerset (where there are currently 1,000 developments on hold), forcing some local planning authorities to propose their own, immediate/short-term solutions.

And Natural Resources Wales (NRW) are believed to be taking on nutrient neutrality across the whole country, centred around 11 river regions.

It's just as well a long-term viable solution knows no borders!

An introduction to SBR systems and nutrient neutrality is available via an online CPD accessed via: <https://www.youtube.com/watch?v=GPDx1eoYPH8>.

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\*PIA GmbH

## WILL YOUR NEW DEVELOPMENT COMPLY WITH THE LATEST BUILDING REGS COVERING NUTRIENT NEUTRALITY (Nn)?

### WASTEWATER TREATMENT

Local authorities in the UK are postponing the determination of planning applications unless developments can prove they are nutrient neutral. To find out what this means for you, contact the experts at Graf UK.

- Graf UK have the systems you need to reduce phosphate & nitrate levels
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# imageHOLDERS leads with smart hotel technology

imageHOLDERS, the leading company in self-service kiosk B2B IOT innovations, has today announced its smart hotel technology. The interactive self-service kiosk will provide hotels and guests a streamlined, 24-hour and secure service.

Smart hotels are one of the fastest trends in the hospitality industry. Self-service devices and connected appliances and amenities create a completely seamless experience for the guest, as well as a powerful business model for the hotel owner.

In keeping with this industry trend, imageHOLDERS is launching its range of connective technology, including self-service kiosks, POS systems, tablet kiosks, connected room utility technology and digital displays. This range has a wealth of benefits:

- ▲ **Efficiency:** The kiosks not only improve the speed of existing check-in and check-out services to reduce queues and ensure a smooth flow of guests in lobbies, but they also provide an around-the-clock



service in the reception area. Furthermore, this move towards self-service technology also reduces human error, leading to a more consistent and cost-effective solution.

- ▲ **Guest service opportunities:** imageHOLDERS kiosks provide guests the option to buy upgrades for their holiday simply and efficiently. This in turn increases

opportunistic sales and overall revenue for hotels. The kiosks also offer an easy system for guests to leave feedback, imperative for hotels to understand their customer needs and facilitate marketing and any necessary improvement.

- ▲ **Connectivity:** Most impressively, imageHOLDERS kiosks utilises internet-connected devices to create a completely seamless experience for the guest. Devices including lighting, the mini fridge and heating, can all be connected to one device or network for the guest to manage personalise aspects of their stay and hotel room to their preference.
- ▲ **Health & safety:** More now than ever, health and safety at the forefront of guests' minds. imageHOLDERS self-service kiosks can be fitted with anti-microbial screen protectors to reduce the build-up of bacteria and germs. These screens are more resilient and can be cleaned with stronger detergents.
- ▲ **Products:** Available in the range are counter mounted, wall mounted and freestanding tablet enclosures, as well as larger computer kiosks and 42-inch Totem self-service kiosks.

imageHOLDERS was founded in 2003 to support companies with design integration and product development of digital technologies – at the time this was primarily kiosks, plasma screens and digital print. When consumer tablets hit the market in 2012 it was then clear the market had matured and the team reimplemented the original business plan with focus on self and assisted B2B tablet-based solutions that add productivity to business. Over the past seven years, imageHOLDERS has evolved a modular system spanning from phone enclosures to 70-inch touch screens kiosk and digital signage hardware. The team tailor each order to the customers exact requirements ensuring that they get a fit for purpose solution that adds value to their business.

**Contact**  
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www.imageholders.com

## Do you claim Land Remediation costs? If not, why not?



Land Remediation Tax Relief is one of the best kept secrets in the UK construction and building industries. It is available to recover costs of carrying out remediation work prior to receiving planning permission to render the land useable for new developments.

**Few companies claim this valuable relief: why?** Qualifying criteria are few. You must be a registered UK corporate entity and the owner of the land. You cannot claim if you own the land and caused the contamination. From this point most costs associated with the clean-up measures, disposal of waste and making good the finished projects form the basis for cost evaluation and submission of the claim.

Known contaminated land can be claimed for. Derelict land that has remained unused from the earlier of 1st April 1998 or date of acquisition can also form the basis of a claim, especially if it has suffered tipping and illegal waste disposal over the years.

Since Land Remediation must be undertaken before any construction works begin, it is advised to consider remediation preparations early. All contributory costs should be identified and recorded. These are wide and include your own company costs of labour, management, sub-contractors, suppliers, travel and subsistence costs, surveys, tests, disposal and replacement of soil and making good. Generally, brown field sites and land that has existing buildings will be contaminated, especially where older buildings are suspected of containing asbestos in any form. Used land can contain old foundations, utility services, hydrocarbon and chemicals whatever. If remediation surveys discover radon gas emissions, Japanese Knotweed and any other invasive plant species and contaminants deposited through earlier occupier activities, these too can be included in remediation costs. Where buildings contain asbestos, costs of removal and either demolition or in-situ encapsulation and sealing of the asbestos elements is a claimable cost.

The definition of what is contaminated land is peculiar to land remediation relief legislation and is broader than for planning purposes as in Environmental Protection Act 1990. It is beneficial to know land remediation relief is available before purchase of land. This reduces possible uncertainty and risk.

The enhancement factor is 150% on all identified costs. HMRC CIR9 60000 refers.

This gives a valuable return. The key to calculation of relief is the understanding and recording of all costs incurred. MCS Corporate urges its clients to consider all possible sites for development and planning. We can give early assurance of a likely claim and work with you to identify, prepare and submit claims as the remediation proceeds.

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## Land Remediation Tax Relief



Land remediation is a tax relief available to property developers and landowners.

To qualify for Land Remediation Tax Relief your company must have incurred costs on cleaning up land or buildings considered to be in a contaminated state. The scope of costs allowed is generous.

You must be registered as a limited company in the UK and be the owner of the land or building at the time of the remediation work. In addition, the land or building must be owned either as a freehold or longer-term leasehold.

Common examples of qualifying contamination:

- Asbestos
- Ground and landfill gases
- Japanese Knotweed
- Sulphate contamination in soil and concrete
- Arsenic
- Removal of redundant utility services and concrete foundations

Qualifying costs can include surveys, excavations, soil and groundwater treatments, staff costs, materials and subcontractor costs. Claims can be made for categories of derelict land. This can be advised with relevance to time periods when land could be considered for derelict status.

Regardless of the industry you operate within, if you've acquired land or buildings in a contaminated or derelict state for intended commercial use, you could claim.



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# ADSA Sponsors Industry Award



The Automatic Door Suppliers Association (ADSA) is sponsoring a prestigious award highlighting the

best in electronic product design and innovation at the AI Specification Awards 2022.

Next year's biennial event, which is organised by the Guild of Architectural Ironmongers (GAI) in conjunction with the Royal Institute of British Architects (RIBA), will mark its 40th anniversary.

ADSA is sponsoring the award to support member organisations that offer products and services that

straddle traditional architectural ironmongery and electronic/technological solutions. It is part of a wider move to work with other professional and trade organisations for greater resilience and integration.

Last year, ADSA joined forces with the Door Hardware Federation (DHF) to launch the Entrance Systems Alliance – an assessment centre for technical qualifications. It also supported the GAI members day this summer.

The Product Design and Innovation – Electronic Award, will be judged on effective specification and demonstrate security, accessibility and safety enhancements that also add to aesthetics, functionality and longevity.

To enter, projects or products must have been completed or released on the market between 1 October 2018 and 30 September 2021.

Entries are now open and must be

submitted by 19 November 2021. Each category will have a first, second and third placing. The judges will also decide on an overall 'Winner of Winners.'

Entries should be submitted online at: [www.aispecificationawards.co.uk](http://www.aispecificationawards.co.uk)

For further information on ADSA membership, email: [rachel@adsa.org.uk](mailto:rachel@adsa.org.uk) or telephone: 01827 216136.



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Our web site has a huge range of products and a wealth of information both general and technical to help you decide what is best for you; many products are available to buy online. Our knowledgeable and helpful staff will be happy price your enquiry, answer technical questions, take orders or provide quotations.

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# Industry leaders in Health and Safety



In this issue of Building and Construction Review, we are proud to announce that DCON Safety Consultants Limited has been selected as the recipient of our Commitment To Health & Safety Award for its outstanding services to its client base across multiple construction sectors.

Diarmuid Condon, Owner and Managing Director of DCON Safety Consultants Limited reflects on the feel good factor that this particular award brings. "Awards are an acknowledgment of a job well done with justification for the effort and the hard work that we must continually deliver to be considered for them. Our ambition and drive is to be quality based on the priority of high-level specialism services offering informed, intelligent advice, senior project resource allocation and compliance assurance."



DCON Safety Consultants Limited benefits from a strong understanding of the potential risks within the built environment sectors they are engaged in. Our model of service enables an over the shoulder compliance and best practice support means that we seek to meet or exceed their client's expectations.

DCON Safety Consultants Limited business intention is to consistently ensure that client's best interest and statutory conformities are secured. Our greatest resource is our exceptional team of technical construction and safety consultant partners. Our consultants and alliances with other key individuals and organisations enable us to provide a broad-brush level of support to clients in all divisions of design, planning and construction safety. We will remain relentless in our support of safe outcomes aiding our clients to realise their visions."

DCON Safety Consultants Limited maintains a

portfolio of wonderful clients, who reuse their services time and again. Diarmuid remarks that while their pipeline remains strong, the COVID-19 pandemic and Brexit impact are playing their part. The reactivation of public sector works in residential, infrastructural and educational sectors continue to present future opportunities for the business.

The main service provided by DCON Safety Consultants Limited is Project Supervisor for the Design Process (CDM Advisor Plus), Pre-Planning Compliance, Safe Design Adherence, Health & Safety Strategy Creation and Expert Witness. Committed to all of its clients projects, regardless of project size or complexity, DCON Safety Consultants Limited maintains a wealth of expertise in the



built environment and generates distinctive and innovative ideas born out of traditional construction service inputs and outputs.

One of its latest projects, DCON Safety Consultants has been acting as Project Supervisor for the Design Process for the Cherrywood Town Centre

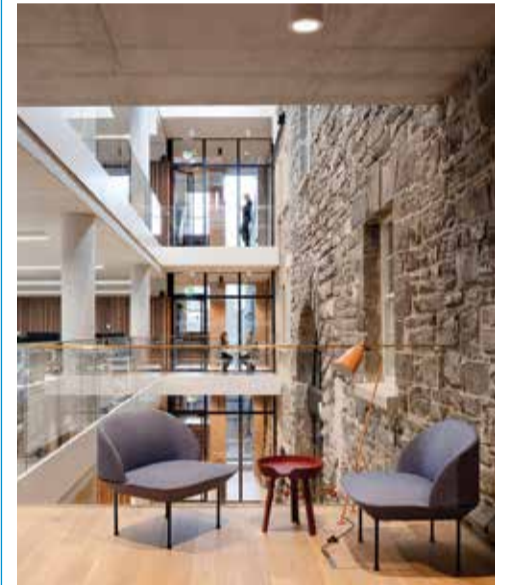


Development in County Dublin. As a large-scale project, the importance of stringent, strategic health and safety to be in place is integral to manage safety throughout the project. As such, DCON Safety Consultants is informing safe design, build and operate considerations and creating a behavioural strategy for construction works.

Through its expertise, DCON Safety Consultants has outlined how the construction works will be managed in a safe, organised and efficient manner, undertaken and coordinated by contractors working on plots interfacing with an operational plan, to the mutual benefit of all vested parties.

achievement designing and executing strategic safety plans and systems.

DCON Safety Consultants Limited maintains an extensive client list which includes public sector departments, corporate owners, real estate developers, main contractors, design professionals and infrastructural bodies.



A Quantity Surveyor by qualification, Diarmuid consistently demonstrates his extensive knowledge and expertise including prior to setting up DCON Safety Consultants Limited, Diarmuid was responsible for Safety, Health & Quality project management/cost management consultancy. "I was afforded the opportunity to hone my technical and soft skills while working on some of Ireland's most recognisable projects." Diarmuid stated.

"I would like to take this opportunity to thank Building and Construction Review (Midlands) Limited for this award and look forward to future publications together." Diarmuid concluded.

For any further information, please see the details below.

T +353 (0) 611 1556  
[www.dconsafety.com](http://www.dconsafety.com)



Strategically supporting a positive planning decision is what sets DCON Safety Consultants Limited apart from its competition and has helped to build the company, a resounding reputation as an industry leader. "Our Construction Management Plan (CMP) offering provides clients with the means to demonstrate a commitment to safety in overall planning, coordination and control of a project from construction commencement to completion." Diarmuid continues, "These safeguards seek to support the obligation placed on a client to produce a safe, functional and financially viable project."

Diarmuid uses his extensive network of contacts to recruit precisely the right person to protect his clients' interests and uses his unique perspective to encourage, support and mentor the abilities of his colleagues. Diarmuid is an integral part of the company and ensures that it excels in providing services to its clients, and displays exceptional

