



# GROUND UP


THE LATEST NEWS FROM YOUR LEADING CIVILS PARTNER



**NEWS**  
Tracey Concrete has acquired Stanton Precast Drainage



**SUSTAINABILITY**  
Wavin ask are you Schedule 3 ready?



**KEYLINE COMMUNITY**  
A 2023 round up from Ground Up



# ARE YOU READY FOR SCHEDULE 3?



## SUSTAINABILITY FEATURE



Significant change is coming to the new build market: during 2024, incorporating sustainable drainage systems (SuDS) into most new developments in England will be required by law.

New legislation will remove a new development's automatic legal right to connect surface water drainage to nearby sewage infrastructure. Instead, England's newly adopted Schedule 3 of the **Flood and Water Management Act 2010** will be implemented, making SuDS a mandatory requirement for developments over 100sq/m.

While you might be aware this change was coming, it's important to grasp that SuDS aren't 'just' an extra line on the build plan. They require careful consideration and tailoring to each site. This makes them a shaping factor in the fundamental design of a development. Forward-thinking developers are already investing time to work out the best approach to take in order to maximise the benefits of SuDS for their business.

### UNDERSTANDING SUSTAINABLE DRAINAGE SYSTEMS TODAY

SuDS are all about minimising the effect of the built environment on the natural water cycle, and the fundamental purpose of a SuDS solution is to enable a developed site to handle rainfall and surface water runoff as if it were still a greenfield site.

To achieve this, SuDS are designed to mimic natural drainage by managing surface water runoff as close to the source and the surface as possible, rather than overwhelming stormwater drains and risking flooding.

### TIME TO LOOK MORE CLOSELY AT YOUR SUDS SOLUTIONS

It's safe to assume that whilst you'll be looking to achieve a balance of natural SuDS such as swales and ponds, there will also still be a strong place in the mix for engineered SuDS such as attenuation tanks. These engineered SuDS are easier to monitor, install and keep the costs lower for developers.

### ENGINEERED SUDS GREAT VALUE FOR MONEY

Engineered SuDS, such as permeable paving or geocellular attenuation and soakaway tanks, are proven solutions that are easy to fit and give great value for money. They can store a large volume of water in a relatively small space, and it's possible to predictably design capacity and flow rates, meaning engineers can easily and effectively model situations for different sites.

They also don't divert as much land from housing, allowing a higher density of building than is typically possible with landscaped SuDS. Plus, engineered SuDS are repeatable, with proven capabilities that reassure planners about how the site will cope with water runoff.

From now on, every site will need a carefully thought-out SuDS approach that balances the benefits and limitations of both engineered and landscaped solutions.



### DELIVERING SUDS NEEDS TEAMWORK

Delivering SuDS will become collaborative, bringing together engineers, landscape architects, business planners and site managers to consider the options and maximise the benefits for each site. Topography and the size of a site, as well as the infiltration potential of the underlying geology, will all come into play and creative SuDS solutions should be utilised where more straightforward options aren't appropriate.

### SMART THINKING AND CREATIVITY NEEDED

Martin Lambley, Urban Climate Resilience Global Product Manager at Wavin explains: "SuDS today are about smart thinking, incorporating landscaped schemes on site areas that are less suitable for building and backing them up with highly reliable

engineered systems – usually geocellular attenuation tanks. This powerful combination optimises resilience against climate change and extreme weather events, while at the same time creating an environment that's good for people, good for nature and can command a high sale price.

A little creativity at the design stage can go a long way, for example, where space is tight, why not explore how you can get dual use out of a plot? Attenuation tanks under a playground, for example, deliver a valuable placemaking benefit, while also managing surface water run-off."

### HOW WAVIN SOLUTIONS UNDERPIN THIS NEW SUDS APPROACH

Wavin's role in this new SuDS era is to deliver the ultra-reliable, cost-effective geocellular attenuation tanks that will continue to be at the frontline of water runoff management.

Geocellular construction is the leading form of building attenuation tanks because they're modular (with a honeycomb structure) and so can fit into small spaces, offering flexibility over length, width and depth. They're extremely space efficient,

with a typical surface water holding capacity of 95% or above, and strong enough to sit relatively close to ground level. There's also a wide range of choice to suit traffic-bearing and non-traffic-bearing areas. And they've been specifically designed to be quick and easy to install.

The Wavin range also features hand grips to make them easy to carry, as well as integrated, push-fit connectors that click into place without pegs, clips or tools in half the time it takes to install comparable units.

### GET READY FOR SCHEDULE 3 TODAY

Talk to your nearest Keyline branch today about attenuation solutions and to access expert technical advice on the installation of Wavin's attenuation range which includes the new Aqua Cell NG which is three times faster to install than previous generations of attenuation tanks as well as being much easier to store and transport.

Wavin StormForce is also available through Keyline. Find out more today about Wavin's complete attenuation solution through your Keyline branch team.

## UNLOCKING POTENTIAL AT HIGHWAYS UK 2023



The Keyline Civils Specialist Nationals Team attended Highways UK at the Birmingham NEC for a second year. Highways UK was a great opportunity for every major contractor and supplier to build their network with new contacts. We were able to showcase our Technical Team's value-added services, highlight our extensive branch network, and touch on our ESG agenda.

The two-day event hosts over 200 exhibitors and brings together those responsible for planning, developing, managing, maintaining, and future-proofing the nation's road networks. A variety of speakers offered talks on topics such as innovation, social value, sustainability, and safety.

This year's 'Breaking New Ground' themed stand featured our new customer value proposition, 'Meet the Team' posters with QR codes for instant contact connection, and a branch-themed 'Spot the Difference' game.

George Woollard, Technical Director, said, "This year we're no longer entrants to the Highways Sector, we are now fully embedded and have great examples of how we bring benefit to the sector. It was amazing to see us go from talking about what we could do, to what we have been doing."

## GRAF UK'S CHARITY GOLF DAY: EVERY DROP COUNTS!



GRAF UK has a special fondness for rain; after all, rain is the lifeblood of their eco-friendly mission. When heavy rainclouds threatened to dampen spirits at this year's Charity Golf Day, they embraced it wholeheartedly!

Despite the downpour, the participants teed off with enthusiasm and dedication, all in support of Katharine House Hospice, an organisation that holds a special place in their hearts. Together, they raised a staggering £7,018 to aid Katharine House Hospice in their exceptional work of caring for and supporting those in their time of need.

A GRAF UK spokesperson said, "We firmly believe that every drop counts, whether it's rainwater or acts of kindness. Our commitment to sustainability extends beyond our products; we are not only raising funds but also raising awareness about the power of unity and compassion."



## TREATS, NOT TRICKS

It was all treats, not tricks, at our Credit Services Team's Halloween cake sale, raising £156.63 for Prostate Cancer UK. Everyone got into the spirit of things with some fabulous Halloween costumes.

Thanks to Julie Simpson, Keyline's Credit Manager, for sharing the team pictures.



## A NEW SERVICE DELIVERY OFFER AND CUSTOMER CHARTER SAINT-GOBAIN PAM EXPLAINS WHY

Click **BELOW** to download each document



Saint-Gobain PAM have published a new Delivery Service Offer and Customer Charter. The Delivery Service Offer document helps customers plan what's on the way to them and when they can expect it. It avoids misunderstandings and enables any issues to be resolved quickly and efficiently and it also demonstrates Saint-Gobain PAM's commitment to providing a high-quality delivery service.

The recently published Delivery Service Offer also includes details of the days of the week they deliver to the regions of the UK as well as information on the different vehicles that are available for transporting specialist orders.

In addition, their new Customer Charter includes a list of "A" category products such as Access Covers and Gully Gratings which PAM aim to hold in stock in reasonable quantities and are available for your next scheduled delivery day.



## TRACEY CONCRETE CEMENTS ITS UK PRESENCE

In a significant industry development, Tracey Concrete has acquired Stanton Precast Drainage.

It strengthens Tracey Concrete's ability to serve the UK's civils merchant and contractor network, and is a strategic move that exemplifies their commitment to growth and the delivery of top-quality precast drainage solutions.

This step facilitates faster site deliveries, reduced carbon footprint as well as doubling production capacity, ensuring Tracey Concrete can meet the evolving needs of customers and partners.

Tracey Concrete offers a wide range of precast concrete solutions, including fencing, tunnelling, and various infrastructure products.



For more info on Tracey Concrete products available at Keyline Civils, see your local branch.



## FP MCCANN SLIP-FACED 'L' WALLS FOR PLYMOUTH PROJECT



FP McCann has supplied its brick slip-faced 'L' Wall earth retention system on a major transport project in Plymouth. Once complete, the Morlaix Drive Access Improvement Scheme will provide access to Derriford Hospital and improve reliability for bus services in the north of the city.

Several retaining wall options were considered, including a traditional brick-built wall. After consultation, FP McCann's design and engineering team were able to demonstrate the benefits and advantages of utilising an off-site manufactured reinforced precast concrete 'L' Wall and this system was chosen.

The main function of the wall is to retain a battered grass bank next to a pedestrian footway widened to 2 metres, itself to then allow for the widening of the opposite footway on Brest Road for shared pedestrian and cyclist access to the hospital site.

This method of walling is a simple, fast process and eliminates the need for shuttering and steel propping. Once fixed into position on a concrete foundation slab, soil can be confidently backed up against the 'L' Walls as part of the earth embankment remediation works.

The brick slip faced 'L' Wall units have been manufactured at FP McCann's Byley factory in Cheshire and installed by the South West Highways team.

Product details:

- Brick slip 'L' Walls are available in heights 1.0m to 3.5m and in lengths 1.0m to 4.0m (height dependant)
- Standard precast concrete 'L' Wall units are available in heights from 4.0m to 6.0m and units measuring 1.0m to 3.75m.

Contact your local Keyline branch for supply and delivery options for your project.



## POLYPIPE: NEW PRODUCT GUIDE FROM ROOF TO RIVER



Polypipe Civils & Green Urbanisation has launched its new product guide. It includes information on how Polypipe is helping to support a net zero future, acts as a one-stop-shop for quick and easy access to information on all Polypipe products and systems, from drainage solutions and sewer systems to cable protection and access management, suitable for a variety of applications from roof to river.

As a market-leading manufacturer of engineered water management and network infrastructure solutions, Polypipe Civils & Green Urbanisation supplies an extensive range of sustainable, award-winning products across the construction industry.

Polypipe's product range is designed and manufactured to encourage a safer and more sustainable future, mitigating the effects of climate change and the impact of urbanisation and population growth.

View the product guide on the Polypipe website or talk through your options with your local Keyline branch team.

## FIRST RESPONDERS: KEY MEMBERS OF THE COMMUNITY

After witnessing a medical emergency on holiday, Keyline Civils employee Toni Titus has gone the extra mile for her community, becoming a volunteer first responder for South Northants Community Responders (SNCR).

The Community First Responder Scheme supports the busy East Midlands Ambulance Service NHS Trust in delivering life-saving treatment before their arrival, helping people in the local community when they need them most. The organisation operates as a charity, and comprises a highly trained group of local volunteers, who donate their time to provide this vital service.

### THE DIFFERENCE BETWEEN LIFE AND DEATH

A quick first response can make all the difference in an emergency situation, which Toni became all too aware of while on her holidays last year: "I remember the moment vividly," says Toni. "I was in Jamaica, by the pool, when a man collapsed near me and started fitting. No one knew what to do - it was an awful situation. He didn't get any medical help for 30 minutes, which I've subsequently learnt can be the difference between life and death. I knew from that moment that I wanted to learn how to help people if I was ever in that situation again. And with that knowledge, perhaps I could actively help people in my local community."

### SUPPORTING TONI WITH HER OWN LIFE-SAVING KIT

Like all Community First Responders, Toni is committed to a minimum of 16 hours of volunteer work a month. To support Toni's amazing dedication, we provided the funds to purchase the life-saving kit that all first responders are required to carry, including essential equipment oxygen and an Automated External Defibrillator (AED).

Toni says: "Having my own kit, rather than needing to share, means I can familiarise myself with it and always have it to hand.



And it means the charity can put the funds to use in other important ways."

David Smith, scheme co-ordinator at SNCR comments: "Cardiac arrest survival rates are low unless you get to the person quickly, that's one of the reasons first responders are vital. We're impressed with the new skills Toni has gained and we're grateful to Keyline for their support by sponsoring a kit, which helps Toni to provide that all-important initial treatment to patients."

### MORE RESPONDERS LIKE TONI WANTED!

Toni is keen to encourage others: "I used to be someone who panicked in a crisis, but being a first responder has helped me become calm and collected in such

situations. It's made me more resilient, I'm a whole new person. Please consider joining your local team, it's an amazing opportunity!"

Jamie Pilbin, Regional Sales Director for East & South Midlands at Keyline says: "Toni and her work with SNCR is a shining example of the culture we like to encourage here at Keyline, and we're honoured that we could lend a helping hand."

To learn more about the ways in which Keyline are helping to deliver positive change to the community, visit [www.keyline.co.uk](http://www.keyline.co.uk).

If Toni's story has inspired you to become a Community First Responder, visit your local Ambulance Service to find out more.

## CARING FOR OUR COMMUNITY

The Ground Up team would like to sign off this 16th edition with season's greetings to all our customers and suppliers – together we're making a difference to UK construction, it's been quite a year! In 2023 we continued our commitment to supporting our community and charity partners:



### WORLD ENVIRONMENT DAY

To celebrate this year's World Environment Day, we took time to shine a light on some of the ways Keyline suppliers are creating a greener future and working with us to Break New Ground with Sustainable Leadership.

### HEY GIRLS: HELPING WITH WORKPLACE PERIOD DIGNITY

This year we became partners with Hey Girls, a social enterprise working to eradicate period poverty and lobby for period dignity across the UK. Hey Girls champions equality for workplaces and communities, breaking down barriers for staff and aiding compliance with environmental sustainability goals for organisations that want to improve period dignity.



providing free access to period products and inclusive education to encourage period dignity for all.

As in other years, our big-hearted colleagues across the network threw themselves into a variety of sponsored events to raise money for our chosen charity, Prostate Cancer UK, and offer support to people they work with every day in a whole range of kind and generous ways. Here are some memorable highlights from 2023:

### PROSTATE CANCER UK

The Nationals Team participated in 'Run the Month Marathon Edition', a virtual running challenge for anyone who wants to keep active and help beat prostate cancer. The team raised £616 for Prostate Cancer UK by running or walking a total team distance of 490.98 miles throughout January and smashed their target distance.



### PRIDE 2023

Keyline team members proudly joined in the festivities at Northampton Pride and celebrated in style to show their support for the LGBTQ+ communities.

### OPENING TIMES CHRISTMAS AND NEW YEAR 2023/4

The poster below is for English branches only, Scottish branches are closed on the 2nd January 2024. Please check with your local branch for specific opening times.



### A MEMORY GARDEN FOR MAISIE

Keyline Norwich has supplied construction materials to help build a memory garden for a local couple following the passing of their 18-year-old daughter. Maisie's memory garden will give Dawn and Darrell Lossau somewhere to celebrate the life of their daughter, Maisie, who died in August 2022 from a brain tumour. [Click here](#) to see our blog supporting Maisie's memory garden.

Ray Hibbard, Branch Manager at Keyline Norwich explained: "When we heard Dawn and Darrell's story, we were completely onboard to get involved in any way we could. It is a privilege to be involved in this project given that it means so much to Maisie's loved ones."

Dawn Lossau, mother of Maisie, added: "We're extremely grateful for all the help and support we have received at such a difficult time." To find out more about Maisie and projects being undertaken in her memory, you can see the Facebook page [here](#).



Wishing you all a busy, successful and productive 2024

The Keyline Ground Up team

