



# GROUND UP

THE LATEST NEWS FROM  
YOUR LEADING CIVILS PARTNER

ISSUE 18 MAY 2024



#### PRODUCT SPOTLIGHT

Introducing: Trief Step Kerbs  
from Brett Landscaping



#### SUSTAINABILITY

Polypipe Civils & Green  
Urbanisation celebrates  
EPD success



#### KEYLINE NEWS

Keyline colleague wins 'Best  
Performing BMF Apprentice  
of the Year Award'



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## INTRODUCING: TRIEF STEP KERBS FROM BRETT LANDSCAPING



**Brett Landscaping is a leading designer and manufacturer of specialist kerbs solutions in the UK.**

The unique profile of Trief Step Kerb works by trapping the tyre of a vehicle, containing it and redirecting it back onto the carriageway.

Brett Landscaping's brand-new Trief Step Kerb is ideal for constructing steps

through a kerb run. It offers a step that seamlessly transitions into the Brett Trief GTS2A Kerb profile and continues the kerb line, meaning there are no protrusions into the carriageway. It also offers easy access for pedestrians through the kerb run to a gatehouse or crossing point.

The Trief Step Kerb complies with Part M of the Building Regulations and BS 8300.

It complements the only containment kerb on the market and is independently tested under BS EN 1317 parts 1&2 to achieve an impact rating of N1.

**For more information about Trief Step Kerb, visit your local Keyline branch.**

[Branch locator](#) > [Find out more](#) >

## PAM'S SUPER GULLY SOLVING PROBLEMS ON A14



**The A14 in Northamptonshire between J16 and J17 has been subject to serious flooding for years, with the excess water on lane two flowing onto the central reservation. National Highways and the Police recognised the risks of skidding and accidents and solutions to keep the road open and free of excess surface water were needed quickly.**

National Highways quickly realised PAM's Super Gully, an innovative off-site manufactured surface water management system, combining two of PAM's high performance 1200mm x 1200mm Waterway gully gratings with a high quality, high strength offsite manufactured precast concrete system provided by local manufacturer Tracey Concrete Stanton - would help alleviate the flooding risks on this busy stretch of road as it has a large water-clearing capacity.



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10 Super Gully units, provided by Keyline are ready to be installed imminently by contractors The AmcoGiffen & Carnell Partnership. The speed of installation along with the benefits of minimising the time the road is closed meant Super Gully is an obvious solution to this ever-occurring flooding issue.

**Ask in your local Keyline branch to find out more about Super Gully.**

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## DISCOVER TRACEY CONCRETE'S INNOVATIVE CONCRETE RETAINING WALL SOLUTIONS



**MaxumStone™ is a wet-cast interlocking concrete block wall system that was developed with both the engineer and contractor in mind. MaxumStone's hollow core design offers many benefits and superior drainage provides high strength, low absorption and great freeze-thaw durability.**

With endless design options to choose from, Tracey Concrete's new MaxumStone Big Block Retaining Wall is the ideal retaining wall for any

situation. Chosen by designers, adored by contractors and put together with the sort of expertise that you know you can expect from modern wall solutions. MaxumStone™ stands as the foremost authority in retaining wall solutions, boasting both aesthetic excellence and a design grounded in practicality, ensuring reliability and confidence.

### ADVANTAGES OF MAXUMSTONE™

- Units are made from high strength, wet cast concrete to provide durability

- and resistance to weathering
- MaxumStone uses 10-15% less cement than comparable systems.
- Simple design for quick efficient installation

**To find out more about MaxumStone™ retaining wall solutions visit your local Keyline branch.**

[Branch locator](#) > [Find out more](#) >

## BOX CLEVER WITH THE CLARK-CHAMBER

**Clark-Chamber has been specifically designed for traffic signals, street lighting and communication networks. It delivers optimal safety, longevity and strength whilst being lightweight, durable, and saving time on site for electrical and groundwork contractors.**

### WHY CHOOSE CLARK-CHAMBER?

- Easy assembly and installation - this B125 chamber has push-fit connections, sliding T-Slot corner connections and pre-trepanned entries
- Unique honeycomb structure, inspired by nature - allows concrete to flow into the voids, adding to the overall structural strength

- Safe and durable - non-ferrous composite cover is non-conductive
- Supports highway works specification
- Noise reduction
- Slip resistance
- Recyclable - made from 100% recycled polypropylene and is recyclable at end of life, inspired by nature and kinder to the planet

**For more information, talk to our expert teams in branch.**

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## PAM BUILDING LAUNCH VORTX ALUMINIUM ROOF OUTLETS

When it comes to choosing roof drainage outlets for your projects, PAM Building knows that a reliable solution is essential to safeguard your building from water damage.

PAM Building is a market-leading manufacturer of cast iron above and below-ground drainage solutions and they have extended their range of VortX outlets to include a new line of high-quality and competitive aluminium roof outlets which are manufactured here in the UK. By manufacturing them in the UK, PAM Building's are able to minimise transport-related carbon emissions, and provide a consistently excellent service whilst retaining total control over quality.

VortX aluminium roof outlets are durable enough to withstand the elements whilst providing a cost-effective solution, which gives customers peace of mind when it comes to water damage and its associated costs. VortX roof outlets can be fitted in almost any type of roof construction, with a comprehensive

selection of accessories including threaded adaptors and extending rings.

PAM Building's VortX range is a line of aluminium roof outlets, including vertical outlets featuring flat and domed grates, balcony and two-way outlets designed for flat roofing projects along with a selection of accessories. Both spigot and screw connection models are available.

### RANGE OVERVIEW

- Lightweight yet robust, ensuring longevity and reliability
- Made from LM6 Aluminium Silicon casting alloy
- Equipped with a clamping ring for a secure seal, preventing leaks and water ingress
- Quick and hassle-free installation process, requiring minimal maintenance over a lifespan of over 40 years.

PAM Building's believe in making the most of what they have and that extends to their products; when products have reached the end of their lives PAM

Building's don't just throw them away! VortX roof outlets can be recycled into new products, meaning that customers get a quality solution whilst also doing their bit for the environment.

PAM Building's have designed the range with circularity in mind and as such their aluminium roof outlets are made from 80% recycled material and are 100% recyclable at end of life. Thanks to the corrosion-resistant properties of aluminium all products in their new range have a life expectancy of over 40 years. This new range embodies their motto - safe and sustainable by nature.

PAM Building's dedicated team of technical specialists are ready to assist in designing efficient and effective drainage systems tailored to customers specific requirements, guaranteeing compliance and optimal water management solutions.

For further information on PAM Building's range of sustainable solutions, please visit your local Keyline branch.

Branch locator Find out more

## WHAT IS STEPOC?

Developed by leading building materials manufacturer Ibstock, Stepoc is a precast concrete block retaining wall system that can be laid dry, with a hollow interior that allows for reinforcement bars to be inserted and for concrete to be pumped down through the interconnected cavities in the blocks - affording them ultimate strength. It is a great alternative solution to shuttered concrete.

The block's unique design creates a cascade or waterfall effect which ensures a smooth filling of the pumped concrete, forcing out air and eliminating segregation, to create walls which have immense compressive and lateral strength.

### THE BENEFITS OF STEPOC

- Build (almost) anywhere
- Quick and easy to install
- No specialist skills required
- Dry laid to maximise land use and sloping sites
- Solid as a rock
- Saves time and is cheaper compared to traditional methods

For more information on Stepoc retaining wall solution, talk to the team at your local Keyline branch.

Branch locator Find out more



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## SUSTAINABILITY

## POLYPIPE CIVILS & GREEN URBANISATION CELEBRATES EPD SUCCESS



SEE EPDs

Polypipe Civils & Green Urbanisation has shared an update in their environmental product declaration (EPD) progress.

As a market-leading manufacturer of engineered water management and network infrastructure solutions, sustainability is at the core of the Polypipe Civils & Green Urbanisation business and they have been demonstrating their commitment through the creation of EPDs, which offer transparency through third-party verification of a product's environmental impact.

The business has recently confirmed that they have been successful in achieving over 60% EPD product coverage, with further plans also in the pipeline.

Their extensive, award-winning product range is developed to encourage a safer, more sustainable future and their team are focusing on working collaboratively to support a net zero future by minimising damage to the natural world and offering more environmentally friendly solutions that leave a positive impact on the environment.

For more information on Polypipe CGU's range of EPDs ask in your local branch or go to [epdhub.com](http://epdhub.com) and search for Polypipe Civils & Green Urbanisation.

Branch locator

# KEYLINE COLLEAGUE WINS ‘BEST PERFORMING BMF APPRENTICE OF THE YEAR AWARD’

A huge congratulations from everyone at Keyline to Owen Sutton who has won the ‘Best Performing BMF Apprentice of the Year Award’ category in the Worshipful Company of Builders Merchants Awards (WCoBM) 2024.

Owen is a Branch Apprentice at Keyline Braintree and he’s currently on the Level 2 Trade Supplier apprenticeship programme. We’re extremely proud of Owen, and we’re delighted that his talent has been recognised with this accolade.

Commenting on what he would like to achieve next, Owen said: “I am hoping my next short-term achievement will be finishing my apprenticeship with a distinction. This would be a huge achievement for me, as I have been completing this alongside my day-to-day job since joining Keyline at the start of 2023. In the long-term, I would like to progress into a sales manager role and

then potentially a branch manager role. I am always looking to learn and progress further. I’m always striving to work hard and do my best in any role I take on.”

We are proud as a business, and as part of the Travis Perkins Group, to be supporting individuals to develop their skills through a variety of apprenticeship programmes and this forms part of our approach to Breaking New Ground by Unlocking Potential.

LEAP - our Learn as you Earn Apprenticeship Programmes - provide courses designed around the needs of the sector, to help all learners reach their full potential.

To find out how you can benefit from LEAP for your own workforce or career development click on the link below.

[More about LEAP](#)

[More about Owen](#)

“ I AM ALWAYS LOOKING TO LEARN AND PROGRESS FURTHER. I’M ALWAYS STRIVING TO WORK HARD AND DO MY BEST IN ANY ROLE I TAKE ON ”



# KEYLINE HELPS KIER ON THE ROAD TO SUCCESS WITH EIGHT-YEAR BIRMINGHAM HIGHWAYS CONTRACT

Any multi-year, large-scale project requires extensive planning and a great deal of collaboration, but Kier’s contract on Birmingham Highways takes it to the next level. Keyline and Kier worked closely to make the commencement of the project a success, streamlining processes and developing sustainable innovations with manufacturers along the way.

Sourcing supplies and planning logistics for an eight-year contract is no small feat – but it’s even tougher when stepping into a project already underway. Kier’s proposal was for eight years with an agreed extension – the previous contractor had departed the project in 2019. To help ensure a smooth rollout, the

team at Kier were keen to put a robust structure in place to guarantee efficient procurement.

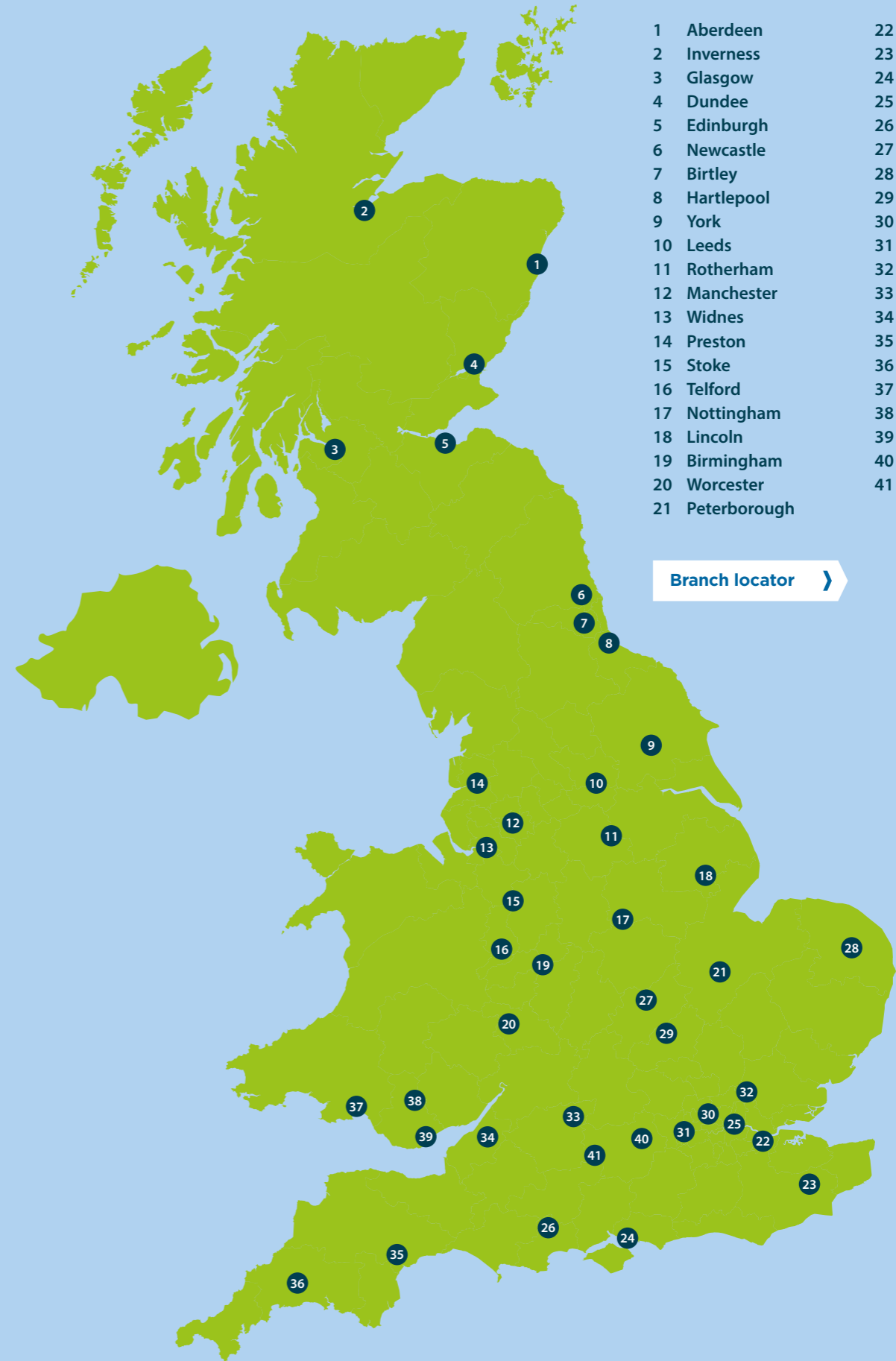
The Birmingham Highways contract proposal was a complex undertaking: collaboration between Kier, Keyline and manufacturers like Saint-Gobain PAM was essential to its success. A close relationship and excellent communication between Kier and Keyline made the proposal simple – Kier was clear on its requirements and Keyline was quick to offer solutions.

With Keyline’s Birmingham branch acting as a centre of distribution for the project, and the manufacturers carefully chosen for their suitability and innovative

products, Kier is on the road to success with this eight-year contract.

To read the full case study please click on the link below.

[Full case study](#)



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|-----------------|------------------|
| 1 Aberdeen      | 22 Northfleet    |
| 2 Inverness     | 23 Ashford       |
| 3 Glasgow       | 24 Portsmouth    |
| 4 Dundee        | 25 Canning Town  |
| 5 Edinburgh     | 26 Ferndown      |
| 6 Newcastle     | 27 Northampton   |
| 7 Birtley       | 28 Norwich       |
| 8 Hartlepool    | 29 Milton Keynes |
| 9 York          | 30 Willesden     |
| 10 Leeds        | 31 Hayes         |
| 11 Rotherham    | 32 Braintree     |
| 12 Manchester   | 33 Swindon       |
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| 14 Preston      | 35 Exeter        |
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