



Greenford.

Engineering Sustainability

“Greenford stands out as a company that is not only supremely capable in what they deliver but does so with integrity, honesty and hard work.”

Private client, Marlow, Buckinghamshire



Bank Protection, The Mayfly, Stockbridge

Small Schemes

Voted The Times' "Best Beer Garden" by top British chefs in 2021, The Mayfly in Stockbridge is renowned for its views over trout-filled waters.

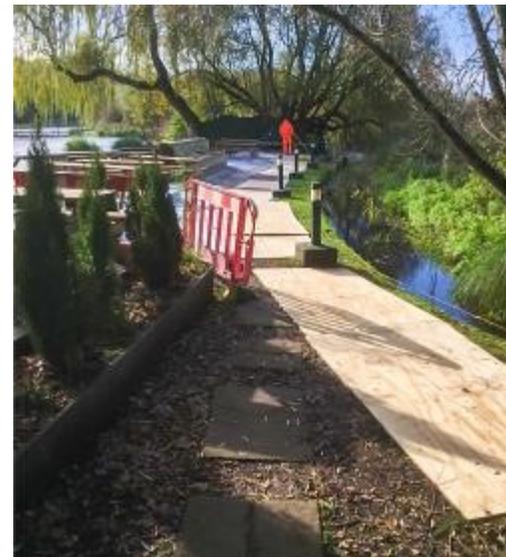
Greenford was appointed to perform bank protection measures in order to retain failing embankment within the garden of The Mayfly in Stockbridge.

The nature of this project meant that access was limited and machinery had to be versatile and lightweight, so as not to disturb the garden.

The team got to work, laying down supportive ground sheets to avoid disturbing the grass and started to remove the failed timber revetment.

Installation of the new, treated timber boarding commenced to form a superior retaining wall. Stability of the wall was increased through the addition of new vertical timber posts.

Once completed, on time and within budget, Greenford could reinstate the garden with very little change to the grass quality.



“Quietway” Towpath



In a display of Greenford's riparian capabilities we completed towpath improvements as part of the Transport for London Quietways programme which set out to improve towpaths around London through ensuring a high-quality road surface, improved access and improved signage in order to make the “Quietways” of London an easy route for everyone.

The scheme has transformed over 16 miles of towpath between Paddington and West Drayton. Greenford was awarded the stretch of pathway between Station Road to Old Stockley Road.

The scheme is a direct result of feedback from users of the towpaths and it brings significant improvements; including better surfaces, wider paths, improved access points and more helpful signage, benefitting not only cyclists but the wide variety of visitors to our waterways.

Greenford carried out both restorative and riparian works starting with the clearance of vegetation and removal of the eroded path edging. The team then installed new concrete and timber edgings to retain the strength and stability of the towpath, yet allowing the build to blend in with the London Cityscape.

Substantial layers of materials were added to ensure the pathway would stand up to endurance. The pathway was then surfaced with local stone to protect it further.

Moot House, Harlow





“Thank you for the hard work Greenford has put into this project for Harlow Council. We have been extremely impressed by your workers conduct who have delivered a fantastic end product. We have not received any complaints from our clients or from members of the public.

Council officers have praised how friendly and welcoming your workforce has been and how tidy they have kept the site despite it being in such a confined space. I do hope that Harlow Council and Greenford work together again in the near future.”

Dean James, Operations Manager, Harlow Council, Essex

Maidenhead Waterways, Royal Borough of Windsor and Maidenhead





Appointed as the Principal Contractor by the Royal Borough of Windsor and Maidenhead, Greenford was responsible for the refurbishment of the neglected waterways running through Maidenhead town centre and tasked with bringing the "Thames into the Town" and returning Maidenhead's centre to its former riverside glory.

Ecology was a huge factor in the project, with the aim of increasing biodiversity in the town centre whilst ensuring minimal disruption to wildlife took place during construction. This included moving 10,000 fish to safety!

The project was awarded a Canal & River Trust Living Waterways Special Recognition Award in 2019.



Green Lane Weir, Royal Borough of Windsor and Maidenhead



Greenford was responsible for the construction of a weir alongside a fish and eel pass at Green Lane as part of the Maidenhead Waterways project.

As part of this multi-phased project, Greenford created a cofferdam - a watertight enclosure pumped dry to permit construction work below the waterline.

The apron, which consists of natural materials, is carefully designed to remove energy from the cascading water and prevent scouring. Boat rollers were installed, allowing canoes and rowing boats to transverse the weir.



Watercourse Restoration, The Grange Field, Bishops Cleeve



The banks of the watercourse at The Grange Field were slipping due to poor ground conditions. It was regenerated to help reconnect the community with open space, water and wildlife by delivering a strong ecology-based natural space for the community.

The project enhanced the area with a meandering watercourse, wetland, wild flower meadow as well as walkways and bridges.

Delivered in partnership with Gloucestershire Wildlife Trust and the Environment Agency, this was an exciting opportunity to deliver a strong ecology-led landscape, which fully incorporated the very best of the four pillars of SuDS (Sustainable Drainage Systems) principles – water quantity, water quality, amenity and biodiversity.



Bevere Fish Pass





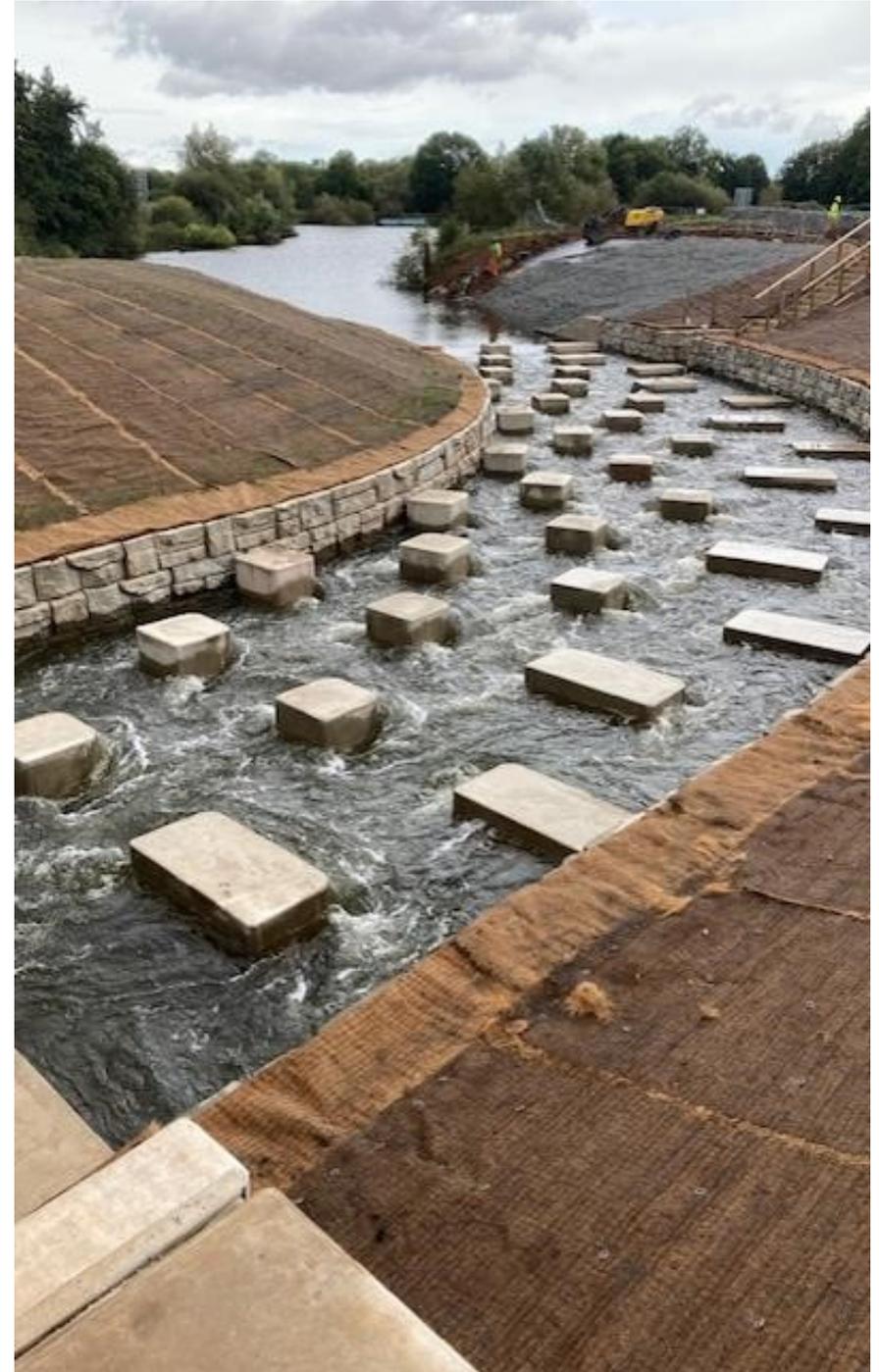
Delivered for the Canal and River Trust as part of the 'Unlocking the Severn' project, Bevere fish pass was the perfect opportunity to demonstrate Greenford's commitment to the environment and sustainability.

The project has opened up 158 miles of river, allowing fish to migrate to spawning areas.



The Bevere fish pass is unique in its design. A regular fish pass takes the form of a 'ladder' with each rung stepping up a level. In contrast, the channel at Bevere is a long, gently sloping course with blocks cast into the base of the channel to break the water flow and create conditions where fish can swim upstream comfortably for the first time in over 170 years.

Although the Greenford team faced challenges such as flooding due to high rainfall as well as the impact of Covid-19, the project was completed to an exceptional standard.



Hydroscrew, Sonning





Greenford completed this ground-breaking project on behalf of the canal marina company Waterpride Estates Ltd.

This hydro screw, located on the banks of the Thames in the picturesque village of Sonning in Berkshire, generates enough electricity to completely offset Waterpride Estates' annual energy usage - making them the UK's first and only 100% green marina and caravan site organisation.

Greenford were responsible for the design, build and installation of an Archimedes hydro screw, constructing the generator housing structure, landscaping and reinstating the entire site which enabled it to blend seamlessly back into the surrounding landscape.

"We owned the land, the abstraction licence and had a rather sketchy vision of what might be, but Greenford Ltd were the masterminds, they literally took an idea and turned it into reality."

Hugo Gamble, Landowner



Amphibious House, Marlow



"My wife and I have learned a lot about the building trade in the last few years and yet we still feel like absolute novices. One of the things we have learned however, is that there are a lot of rogue/average builders and tradesmen who promise a lot then deliver the minimum possible (and leave their mess behind)."

Greenford stands out as a company that is not only supremely capable in what they deliver but does so with integrity, honesty and hard work!"

Private client, Amphibious House, Marlow, Buckinghamshire

**GRAND
DESIGNS**

Small Schemes

Culvert Works, Cogges Manor Farm, Witney



This project involved the clearing of an overgrown culvert at a historically protected farm in Witney. Greenford created and installed a strong culvert structure to allow water to continue to flow effortlessly under the bridge.

This structure needed to be crane-lifted onto the site with precision manoeuvring and accuracy. Once installed, the team surrounded this with concrete-filled sandbags to form natural-looking abutments either side of the bridge.

Wooden fencing was then installed to provide guidance for the public. Grass was laid down to ensure the new structure merged well with the natural landscape of the area.

Riverbank works, The Cosenor's House





Situated on the northern bank of the River Thames in Abingdon, The Cosenor's House is a grade II listed and very special building within the original grounds of Abingdon Abbey.

The team began the project by clearing the river bed and salvaging any fallen masonry to be utilized in the re-build of the wall.

The masonry was reconstructed using both old and new stone to tie into the existing wall. The Greenford team ensured the detail matched perfectly with both the period of works and the landscape.

Once completed, the wall was backfilled with free-draining material from on-site and the topsoil was placed and merged into the existing gardens to create a seamless transition.

Parkland fencing was then fabricated in-house and installed, designed by Greenford with a period-correct rusted finish.



River Frontage Works, Bray, Berkshire



"Greenford Ltd have replaced my collapsing river frontage along the Thames at my home in Bray.

I am delighted with Greenford: from the start of the project with Bob Hutton through to its implementation and completion under the direction of Tom McDermott.

The project was started and finished on time, to budget, with no hassle and to an excellent quality.

Without exception, all of Greenford's staff were pleasant and professional.

I would have no hesitation in recommending Greenford Ltd."



**Tim Guest, Landowner
River Frontage Works, Bray,
Berkshire**

River Crane Aqueduct, London

The River Crane Aqueduct carries the Grand Union Canal over the tidal River Crane. Greenford carried out the structural repair of the aqueduct, alongside installation of new public steps, parapet fencing and gates in order to allow access between levels.

The team worked to restore the spandrel walls to both the north and south elevation of the aqueduct, removing and rebuilding failed brickwork, as well as installing new bull-nosed coping along the top of the wall to enhance the strength and visuals of the aqueduct.

Working from floating plant, there was no need to close the canal due to the expertise and efficiency of the Greenford team.

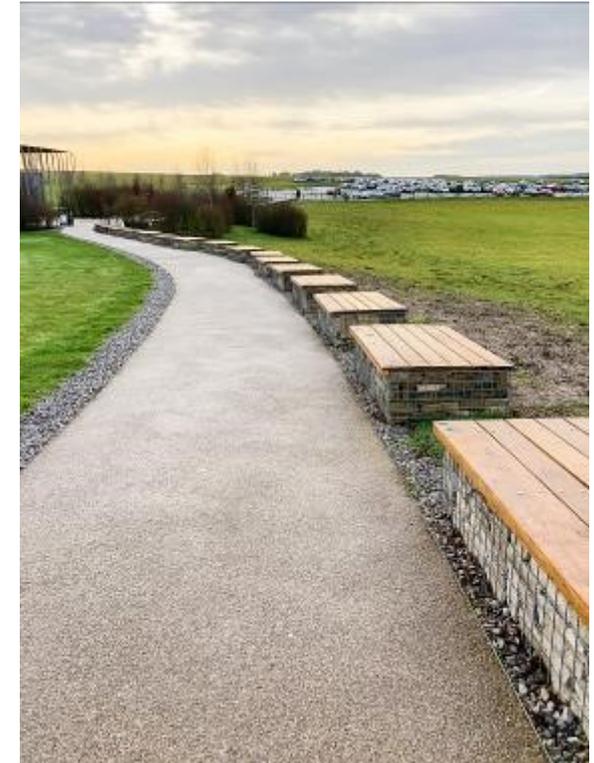


Stonehenge Public Protection Measures



"May I offer a sincere thank you from English Heritage for Greenford's work at Stonehenge. I found them entirely reasonable, practical and pragmatic. The quality of the work speaks for itself. I know I am not alone in the team in feeling satisfaction in the project's outcome and in considering Greenford Ltd a good appointment to undertake the work."

**Laurence Knight, National Project Manager,
English Heritage**



Greenford installed a number of General Public protection and security measures for English Heritage at Stonehenge. These included bollards, security gates, and hostile vehicle mitigation measures.

Importantly, gabion baskets were installed to ensure vehicles could not reach the ancient monument.

These were carefully designed and constructed blending seamlessly with the landscape and taking the role of visitor benches. In addition, we carried out works to the Visitor Centre and car park.

We have been honoured to contribute towards improvements for visitors and the security of such a significant World Heritage Site.

Cromford Canal Retaining Wall Repair, Derbyshire



Greenford carried out the work on this historical flood gate system built in the canal walls and bed. The remains were discovered during the initial excavation which Greenford rebuilt and replicated in order to form the new wall.

“This is a really positive conservation result in very tricky working conditions so a big well done to all concerned at Greenford.”

**Steve Baker MA MCifA
Archaeologist Conservation,
Heritage and Design Service,
Derbyshire County Council.**



Cuddington Mill Footbridge



Greenford was responsible for the construction and installation of two new bridges, hand-built by the Greenford team in Oxfordshire. The two bridges allow pedestrian passage over the River Thames and provide a new public footpath for a more scenic direction.

These bridges were designed by Greenford to have a natural 'rusted' finish to blend in with the tones of the natural landscape in which they are placed.

Lock-together floating pontoons were paramount in the construction of the bridges, allowing for the highly skilled Greenford team to work effectively around the site and over water.

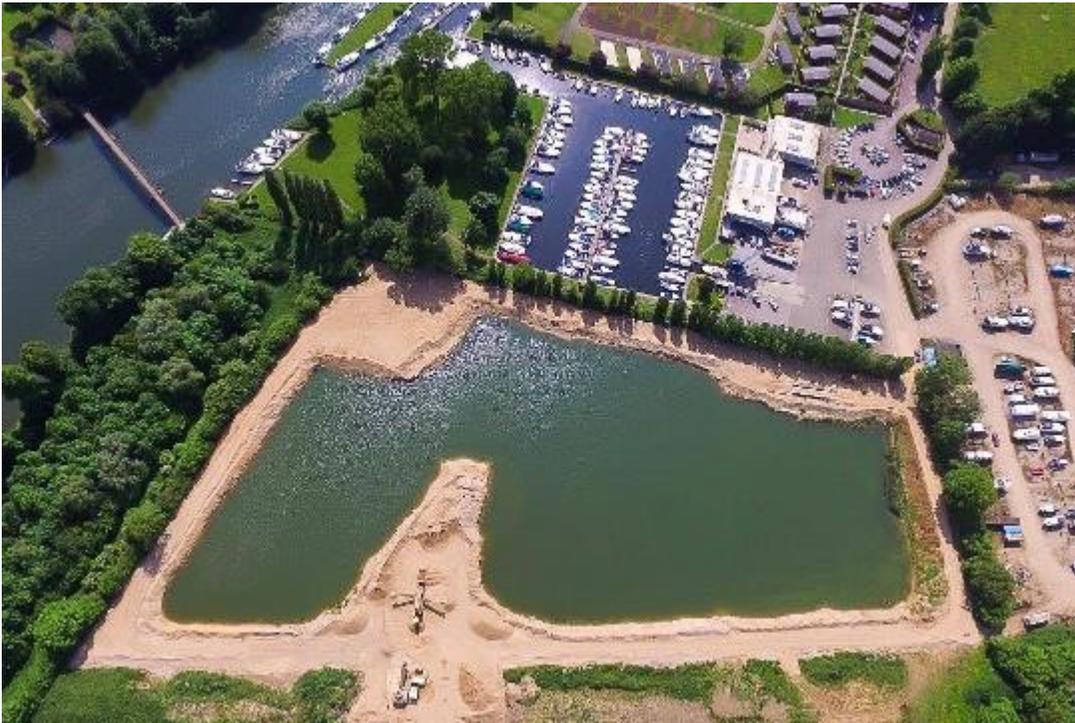


Harleyford Marina, Buckinghamshire



“May I thank you for all your hard work... for an excellent marina. We have received superb feedback from customers and other marina operators. Thank you. I am sure we will be able to offer our clients one of the best marinas on the Thames... it will look superb.”

**Mark Pearce, Marina Manager, Harleyford Estate,
Buckinghamshire**



Greenford constructed Harleyford Marina through refurbishment of an existing basin of 145 berths and the creation of a new basin, comprising 155 berths.

Greenford installed pontoons and services of the highest standard, maintaining Harleyford's reputation for quality and luxury. These moorings can now accommodate boats from 6 to 22 meters, all with 240-volt power and water. We were pleased to have full ownership of the project, from basin construction to landscaping and new access roads.

Oxford Castle Mound, Oxford



Greenford is proud to be one of a select few contractors approved to work on areas of such historical significance such as Oxford Castle Mound, a Scheduled Ancient Monument.

Working with archaeologists to conserve the historical nature of the site, the Greenford team secured eroded earth throughout the Mound.

The pathways have been cleared, smoothed, and reinforced with layers of retaining material, which will help to stop weeds from appearing. The intricate black paving captures shingle in place to maintain a steady footing for visitors

Wall repairs have taken place, with Greenford construction workers using the original material to recreate the stone walling which had collapsed over time. The earth behind the stone was reinforced to prevent further degradation.

Below the earth, Greenford installed an unseen 21st Century lighting scheme which will illuminate the monument at night.



Nazrin Shah Building, Worcester College



“It has been a great experience working with the Greenford team on the Nazrin Shah Centre. The Lake extension works have provided the Nazrin Shah Centre, designed by Niall McLaughlin Architects, with an outstanding setting while also complementing the surrounding areas of the historic Worcester College’s award winning grounds.”

The Nazrin Shah is an exciting and complex design, which we hope will become an award winning building. The exceptional service from Greenford in all areas from design to project management and installation made the on time delivery of this project possible, and to the highest standard.”

Adam Price, Project Manager, Beard Construction



Path Construction works, Kennington Flood Meadow



As part of the National Cycle Network, the Kennington Meadows path development scheme was implemented in order to provide improved course along the National Route 5, which spans between Reading and Holyhead.

Kennington Meadows is an extremely bio-diverse area as seasonally flooded grasslands are a great habitat for wildflowers and invertebrates.

Greenford commenced the project with a great understanding of the ecologically sensitive nature of the area.

As a flood meadow, pathways were frequently submerged under water, leading to quick degradation.

Greenford widened and completely resurfaced the route as well as introducing a new drainage scheme.

The meadow bridge was renewed and access to the path has been improved substantially.

Southwood Country Park, Rushmoor



Greenford was appointed to reconstruct the 2.4-kilometre circular walking route around Southwood Country Park, a 57-hectare area of natural green open space in Farnborough.

This project was efficiently progressed in sections of 250 metres, where the team stripped the path of topsoil and prepared the base of the pathway for resurfacing. Reinforced timber edging was installed on either side of the pathway, maintaining curvature along the path.

Textile sub-layers were installed to ensure that the pathway would not weaken to weeds underneath. Self-binding gravel was then laid down and flattened to create a robust, natural-looking pathway to guide walkers around the parkland.



Rowes Flashe Boathouse, Winkworth Arboretum





“The National Trust have been very impressed with Greenford. From the tender stage through to completion, the process has been professional and collaborative, working towards the success of the project.”

Taking a proactive approach with great problem solving skills, the site has several key considerations including a public right of way and an environmentally and historically sensitive location, Greenford managed the site without a single complaint or issue. Greenford clearly understood the National Trust conservation philosophy when completing building work, the quality of work is very high with no details overlooked.”

**Rob Haines BSc [Hons] MRICS, Project Building Surveyor,
National Trust**

Haydon Hill Cycleway, Buckinghamshire





This project, delivered for Buckinghamshire Council was part of the Sustrans Charity “Paths for Everyone” scheme to make the National Cycle Network accessible for everyone. The new 650 metre path of the Haydon Hill Cycleway allows access across the River Thames over three bridges, raised to avoid flooding within the meadows.

Greenford constructed the concrete bridge abutments to fit perfectly onto the reinforcing piles, which have been driven 6 metres under ground to ensure the bridge remains strong. These bridges will provide a course for cyclists to take in the beautiful Haydon Hill scenery whilst enjoying a new route from Haydon Hill to Aylesbury Vale Parkway Station, through the Waddesdon Greenway.



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