

# THE QUADRANT ANIMATION

## Glasshouse Street Boulevard of Trees

Following the part pedestrianisation of Glasshouse Street, TCE commissioned Atkins to develop a brief for 'Animating' the new street space. 2018 has seen the completion of a series of public realm proposals with the installation of a 'Boulevard of Trees' in above ground bronze and LED illuminated Tree Planters, linking Piccadilly Circus with Soho

and The Regent Street Estate. The bespoke proposals also include the development of movable barrier planters, that feature deployable feet, raiseable wheels, 'dead man' breaking systems and anti-vandal security and integrated awnings (this year).



The tree planter opens to receive the tree pre-planted and guyed in a stainless steel liner



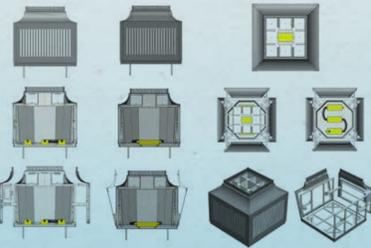
A prototype planter was developed to aid stakeholder engagement. Top grafted Prunus 'Kanzan' cherry trees line Glasshouse Street

Following the part pedestrianisation of Glasshouse Street, TCE commissioned Atkins to develop a brief for 'Animating' the new street space. 2018 has seen the completion of a series of public realm proposals with the installation of street animation in Glasshouse Street which guides the way towards Soho from Piccadilly. The bespoke scheme includes the development of bronze planters tree and barrier planters designs to define the uses within the street space, outdoor dining and creating a lit 'Boulevard of Trees' in aboveground bronze and LED illuminated Tree Planters as well.

LOCATION:	Off Piccadilly Circus
CLIENT:	The Crown Estate
START DATE:	November 2018
END DATE:	December 2018
CONTRACT VALUE:	£500k +capital



Elevations of the Glasshouse Street proposals



The design co-ordinates alfresco terraces at Whole Foods and the iconic Cafe Royal luxury five star hotel (on-going), turning what was a 'Back Street' of the Regent Street Estate into an important new pedestrian route with active frontage and engaging animation.

What has been delivered is an attractive high-quality place fitting the location between the glamorous Mayfair, the heritage of St James's, Soho's alleys and streets, defining London's nightlife and London's world famous nearby 'Theatreland'.

Plan of the Glasshouse Street proposals



# PUBLIC REALM

# GO CYCLE: PORTSMOUTH ROAD AND QUEENS PROMENADE

"Materials and finishes were carefully considered to complement the riverside setting and Conservation area status."

As part of the Mini Holland investment in cycling infrastructure in London, the Royal Borough of Kingston Upon Thames commissioned Atkins to deliver a 1.6km two way segregated cycle track along Portsmouth Road into central Kingston with public realm access improvements to the adjoining and parallel Queens Promenade riverfront.

The Queens Promenade had poor access, high maintenance planting, dilapidated seating, failing walls, cracked footways and no focal points or celebration of the rich history of the promenade.



New public realm terrace with play equipment adjacent to the rejuvenated café

Innovative design solutions were required throughout with the use of narrow retaining walls to retain mature London Plane trees, access ramps and terraced seating built into the landform, SUDs drainage integrated throughout, the use of drought tolerant permaculture planting and introduction of shared use spaces and shared use bus stops. The scheme highlighted the historical significance of Queens Promenade with corten steel wall lettering, restoration of historical views to Hampton Court and feature paving details.

Segregated two way cycle track integrated with riverfront promenade connects directly into central Kingston



Riverfront integration plan beside café area.



LOCATION:	Portsmouth Road, Kingston Upon Thames Town Centre and Riverside
CLIENT:	Royal Borough of Kingston Upon Thames
START DATE:	December 2015
END DATE:	April 2017
CONTRACT VALUE:	£2.5m+

Design quality was integral to the design process for Portsmouth Road. Materials and finishes were carefully considered to complement the riverside setting and Conservation area status. York stone paving slabs with timber terraces and seating have been introduced. The café area has been opened up with more direct steps and ramps onto the riverfront.

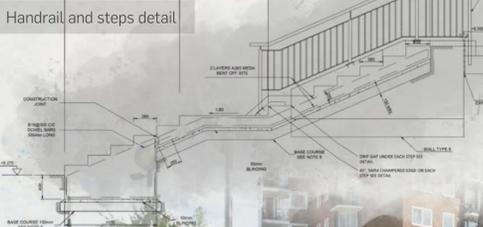
The grass lawn and mature London Planes have been retained and enhanced with a contemporary mix of flowering meadows, grasses and shrubs. This landmark project was successfully delivered and officially opened on the 17th April 2017 by Val Shawcross the Deputy Mayor for Transport.



West facing timber terrace seating overlooking the river



New access routes for all to the riverfront with historic views to Hampton Court highlighted in the paving detail



# ARCHITECT OF THE YEAR



# /// MORECAMBE SEAFRONT PROMENADE



"This scheme protects around 13,000 properties in a coastal resort which enjoys spectacular views across Morecambe bay."

This scheme, delivered in 3 phases, protects around 13,000 properties in a coastal resort which enjoys spectacular views across Morecambe bay towards the Lake District fells. Designed and developed by a team of Landscape architects, Rivers and coastal engineers, the scheme

replaces an existing crumbling structure with a new 1m high sea defence wall, over 3.6km length with access break-throughs and up and over permanent access points embellished with motifs reflecting local place names, personalities and references to flora and fauna.



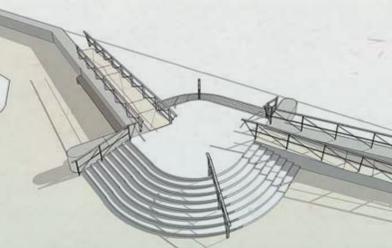
Wall patterns

Access for all

New surfacing, lighting and furniture has also enhanced the promenade for residents, visitors and all users of this high-profile seafrost commission. The prom also forms part of the Lancashire coastal way and has high cycle use and an elderly population to consider regarding accessibility and active travel.

LOCATION:	Morecambe, Lancashire
CLIENT:	Lancaster City Council (LCC) and the Environment Agency
START DATE:	September 2014
END DATE:	September 2018
CONTRACT VALUE:	£10.8m

The wall was carefully designed by Atkins and their contractor partners Volkens, creating something that was robust as well as beautiful and easy to construct. The result is a blend of artistry and engineering with the wall playing a key part of this popular resorts public realm. The wall has been sloped back on the seaward side to give the impression of a wider promenade

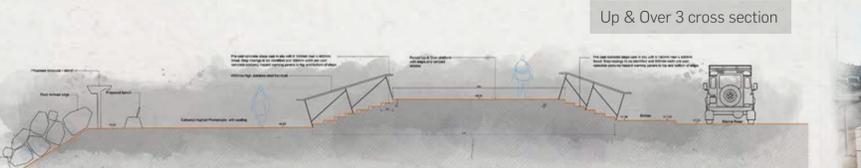


3D Sketch of Up Over



Eric Morecambe wall pattern

with a simple, elegant shape in a warm pale ivory colour and smooth face. Seating has been provided at regular distances. Micro fibres within the concrete reduced surface cracking, abrasion and impact resistance and the wall utilises a sustainable cement, with 50% of it coming from granulated blast furnace slag, a by-product of the steel manufacturing process.



Up & Over 3 cross section



Art Deco inspired step design

# PUBLIC REALM

# /// VICTORIA HARBOUR, HONG KONG



"Greening avenues and developing promenades to celebrate a unique waterfront."

Central Reclamation Phase III (CRIII) is a high profile project on the north shore of Hong Kong Island in Victoria Harbour. The newly created area of land is required for essential transport infrastructure that will provide much needed relief for traffic congestion in the busy Central and Wan Chai districts and the new area will be developed into a world class waterfront.

The Project planning and development process was complex and there were a wide variety of challenges in its design. The project has many interesting elements such as the new piers and waterfront promenade enabling interaction and celebration of the harbour.



Victoria Harbour Promenade

Since completion waterfront has become a popular destination for joggers, families or office workers who can enjoy the magnificent harbour views along the lushly planted promenade. Pumping stations and airvents have been carefully integrated in the public spaces through green roof or vertical greening.

Timber detailing providing access for all to the promenade



Site layout planting plan

LOCATION:	Central, Hong Kong
CLIENT:	Civil Engineering and Development Department
START DATE:	2010
END DATE:	2016
CONTRACT VALUE:	£5m+

One of the challenges was to select successful tree species for this project. The proposed trees had to not only be resistant to the sea breezes from the marine environment, but also be available in large numbers within a short timeframe. After a series of planting trials, Koelreuteria paniculata (Chinese Varnish Tree) and Peltophorum pterocarpum species were selected, which were planted in large numbers along the waterfront and avenues. This created a strong green structure and uniformity for the project. In addition, a wide arrangement of colourful shrubs and seasonal trees were provided to create a diverse and interesting planting design.



Viewing decks above pump houses

# ARCHITECT OF THE YEAR

