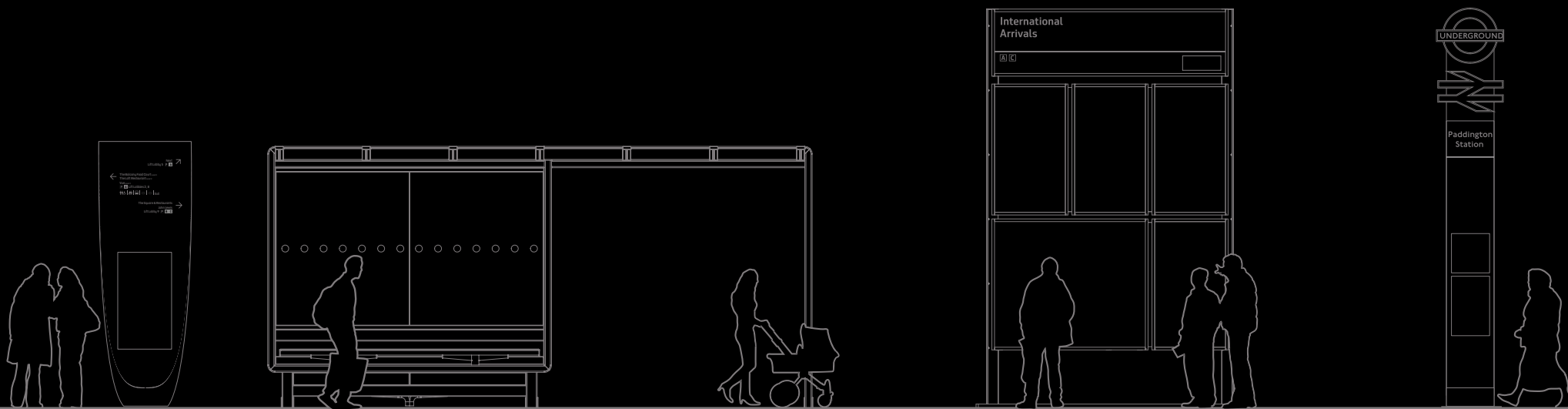


Bespoke Manufacturing & Assembly Services

Custom Projects



A Pioneering Manufacturing & Technologies Company

trueform

BESPOKE MANUFACTURING SERVICES FOR PRODUCTS & STRUCTURES

Trueform are the leading manufacturer of custom manufactured structures, including signage, street furniture, airport products, shelters, canopies, wayfinding and digital signage.

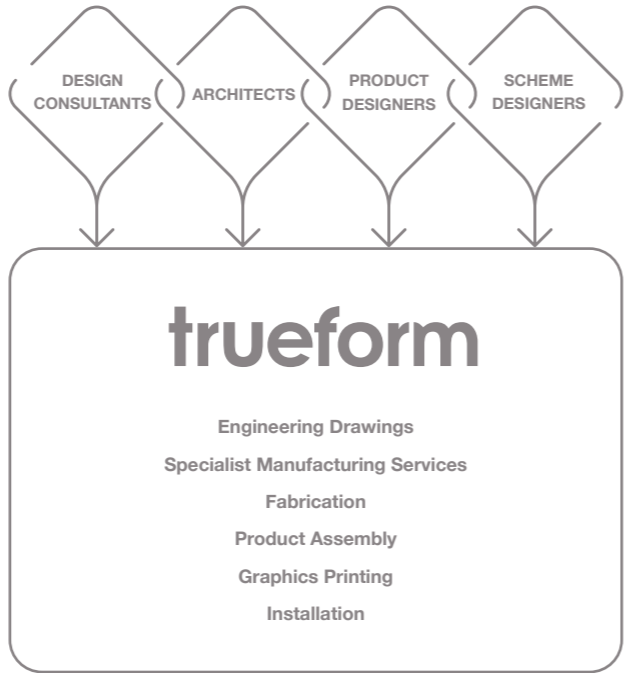
Working in collaboration with architects, scheme designers, main contractors and transport authorities, Trueform has over 40 years of experience, with over 150,000 structures installed worldwide.

Bespoke Manufacturing Services

Trueform's comprehensive in-house engineering and manufacturing facilities enables the timely, cost effective supply and installation of manufactured architectural products and structures to suit any client requirements.

Over the years Trueform have provided award winning products and structures for a wide range of applications. All of Trueform's structures are fully engineered to the highest standards and can be supplied in a range of elegant, robust materials and finishes to suit individual architectural requirements and to exacting customer requirements.

Our many years of experience enables us to provide high quality bespoke products that are easy and cost effective to install, erect and maintain.



SECTORS & INDUSTRIES SERVED

- Street Furniture
- Signage (Commercial, Retail, Transport)
- Public Transportation (Bus, Rail, Tram, EV, Airports)
- Airports
- Intelligent Mobility
- Out of Home Advertising (inc. DOOH)
- Digital Signage & Advertising
- Smart City Hardware
- E-Mobility & Electric Vehicle Charging
- Pedestrian Wayfinding
- Cycling
- Sustainable Transport & Green Mobility
- Active Travel
- Clean Air & Environmental
- Clean Tech
- Indoor & Outdoor Media Applications
- Shopping Centres & Retail
- Education Campuses
- Autonomous Vehicles (SAV & CAV)



ENGINEERING & MANUFACTURING SERVICES

- Fabrication Drawings & Engineering
 - CAD Design & Specialist Engineering
 - Structural Engineering
 - Rapid Prototyping
 - Specialist Custom Manufacturing
 - Stainless Steel & Aluminium Fabrication
 - Glass, GRP, Corian & Plastics Fabrication
 - Construction Related Fabrication Services
 - Laser Cutting & Forming
- Specialist Finishing Services
 - Digital Display Technology (Indoor & Outdoor)
 - Signage Manufacture
 - Airport & Transport Infrastructure Fabrication
 - Signage Graphics Production
 - Mechanical Engraving
 - Project Management
 - Nationwide Installation & Site Fitting
 - Modular Construction & Site Erection



COLLABORATION WITH CLIENTS, ARCHITECTS & DESIGNERS

From concept to manufacture - a seamless process





WESTFIELD LONDON

Trueform's range of interactive digital advertising displays, deployed throughout Westfield's flagship London shopping centre, were the centerpiece of the grand opening of the new £600m Phase 2 extension.

Trueform has deployed over 170 interactive digital advertising display screens & pods throughout Westfield's flagship London shopping centre at White City.

Comprising a range of 49", 55" and 75" interior and exterior digital displays in iconically designed pod housings, the new digital displays form an important part of Westfield's £600 million retail expansion that was launched in March 2018.

The extension consolidates Westfield London's position as a world-leading retail and entertainment destination, featuring the best in fashion, dining, leisure, events, services and technology with the customer experience at the heart.



WESTFIELD STRATFORD

Following the deployment of over 170 of Trueform digital's iconic interactive advertising pods throughout Westfield's London White City shopping centre, Trueform were awarded a second major contract to provide a further 80 of its stunning digital advertising screen pods throughout Westfield's other major London shopping centre, Stratford.

Comprising 75" double sided digital displays in elegantly designed housings, complete with CCTV cameras and Trueform's smart control technology at the heart of the units, the new display pods will form an important part of Westfield's ongoing digital retail advertising expansion, consolidating Westfield's position as a world-leading retail and entertainment destination, featuring the best in fashion, dining, leisure, events, services and technology.





LONDON STANSTED AIRPORT

In 2017, Trueform were awarded the contract to update the international departure lounge at Stansted Airport with a series of custom Flight Information Displays (FIDS), lighting features, rails, bulkheads and advertising displays. With unrivalled experience in the industry, Trueform were selected due to their full familiarity with the high standards required by an international airport, and their market leading design and manufacturing capabilities.

All of the units, each specifically designed and installed with Stansted in mind, fully conformed to the strict quality, performance and health & safety measures needed to run one of the busiest terminals in the UK. The highest grade materials and components were used to create a series of eye-catching, unique products throughout the terminal, fulfilling the architect's vision for the space.





TRANSPORT FOR LONDON

Trueform have a highly successful, long standing track record of high quality and on-time delivery across a variety of contracts for TfL. With a relationship dating back over 30 years, Trueform have been at the forefront of TfL's transport infrastructure design and manufacture across all modes. This includes pioneering work in the deployment of bus shelters, wayfinding signage, digital displays, seating and much more, all custom designed for TfL, and built with the on-street environment in mind.

With over 50,000 assets deployed across Greater London, Trueform's work with TfL showcases a breadth of design and manufacturing experience, and the capability to adapt to a client's specific needs. In addition, the projects highlight Trueform's commitment to innovation within the public transportation, healthy streets and smart city sectors.





JCDECAUX LONDON

Due to Trueform's unrivalled experience in both digital display manufacture and on-street installations, JCDecaux approached Trueform to produce bespoke housings for, and install, over 650 digital outdoor totems at some of the busiest and highest profile locations in London.

Given Trueform's expertise in metalwork, digital display technologies and familiarity with working on the streets of London, Trueform were the ideal choice to undertake these works. All works were successfully completed ahead of schedule, and to the highest standard.

The scope included:

- Design and manufacture of custom housings for 1000+ 84" outdoor digital displays
- Site surveying and asset logging
- Traffic Management
- Civils/foundation works, including surface reinstatement
- Installation and commissioning of totem





COAL DROPS YARD, KINGS CROSS

Another successful Trueform Digital DOOH deployment – Trueform's 55" outdoor digital totems have been supplied and installed at the prestigious Coal Drops Yard retail development, King's Cross, London. Trueform were commissioned to manufacture and install these bespoke totems, specifically designed for outdoor use, and to include LED illuminated side trims. Designed to blend into the unique aesthetic of the space.





BT SMARTHUBS

Trueform have been chosen by BT to fully design, manufacture and install over 1400 enhanced 'StreetHub 2.0' units, which introduce a host of upgraded features over the existing estate, such as larger 75" outdoor advertising displays, environmental monitoring, and the ability to boost 4G/5G mobile coverage.

Expanding on an existing network of 400 StreetHubs, these units deliver a wide range of economic, social and technology benefits to communities and local councils up and down the country – from connecting local residents, businesses and visitors to free ultrafast Wi-Fi, to ensuring that people can contact the emergency services or charity helplines in times of need.

Features include:

- 2no. High bright 75" outdoor advertising displays
- Environmental monitoring system - air quality and CO2 sensors to provide actionable environmental insights to help local councils achieve their sustainability goals, such as becoming carbon neutral by 2030
- Providing free ultra-fast Wi-Fi - 1Gbps to users within 150m of the unit. Ensuring that people can contact the emergency services or charity helplines in times of need
- Ability to boost 4G/5G mobile coverage by housing Small Cells within the unit, which boost 4G/5G signal
- Offering free phone calls, via BT's existing network, users can make calls via the interactive tablet integrated into the side of the totem, utilising their own headphones or the integrated speaker and microphone





INTERCONNECT, BIRMINGHAM

In 2013, Trueform were awarded the supply and installation of shelters and signage for the Birmingham City Centre Interchange and Interconnect projects. Responsible for the fabrication drawings, structural engineering, full manufacture, assembly and installation of the full product range, this project showcases an ability to successfully work with a variety of manufacturing techniques and materials, including manufacture of digital outdoor assets.

The scope of the project was to work with Centro and Birmingham City Council to manufacture and install a range of products, including:

- Bespoke bus shelters
- Area wayfinding totems
- Interchange wayfinding totems
- Digital bus stop totems

This striking, contemporary product family is a fine example of how precision engineering and manufacturing techniques can bring a vision and design concept to fruition in the public realm.





LAS VEGAS

Trueform unveiled it's innovative sinewave bus shelter for the Regional Transit Commission (RTC) outside Caesars Palace Hotel and Casino in Las Vegas. The RTC commissioned Trueform to produce shelters for installation at more than 100 sites along the famous strip.

The graffiti-proof shelters incorporate creative design and manufacturing methodology with high strength, high temperature resins to withstand the 120-degree desert temperatures in Nevada. Other innovative features include high performance solar lighting and LED advertising displays, CCTV cameras, ticket machines and state of the art electronic signage.



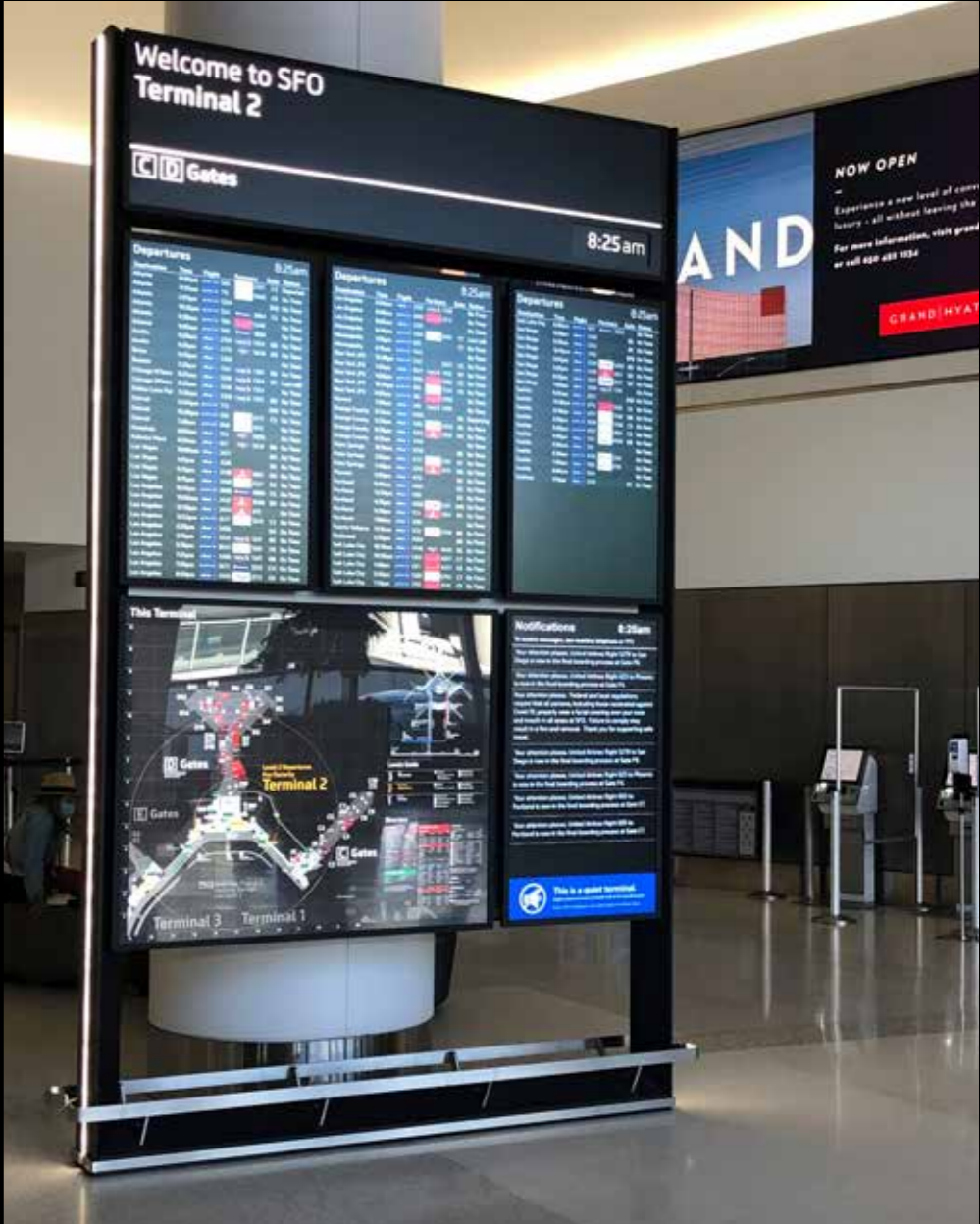


SAN FRANCISCO AIRPORT

Trueform have manufactured and deployed digital signage and digital passenger information displays throughout San Francisco International Airport.

Working with the airports appointed product designers, Trueform provided a full turnkey service for the custom manufacture of a unique range of products that were specifically designed for San Francisco.

The airport serves 45 international cities on 39 international carriers. The Bay Area's largest airport, it connects non-stop with 83 cities in the U.S. on 13 domestic airlines. This contract award further consolidates Trueform's position as the global leader in airport infrastructure and passenger information signage systems.





NEW YORK WAYFINDING

Trueform have brought the next generation of wayfinding to New York City with the contract award for the fabrication and installation of wayfinding infrastructure in Lower Manhattan, the Borough of Manhattan and New York City.

Prior to manufacture, Trueform were responsible for producing structurally checked and fully detailed 3D CAD manufacturing drawings.

This was followed by the full manufacture and installation of over 400 products across Manhattan.

This project once again demonstrates Trueform's capability in wayfinding manufacture and installation, working with complex designs, materials and environments.





PARTICK INTERCHANGE

Trueform successfully completed the manufacture and installation of the bespoke designed passenger interchange shelters and digital signage for the prestigious Partick Bus Station Redevelopment project. The highly complex, bespoke fabricated shelters provide a premium environment for intelligent transport services. Trueform's scope of works included production drawings, engineering, fabrication, finishing, assembly and full on-site erection and commissioning.

Partick Interchange is an important integrated transport hub for West Glasgow serving one of Scotland's busiest and most densely populated areas. The £2.5million refurbishment including extensive remodelling work to integrate with the adjacent rail and subway station, the new look interchange will also incorporate into cycle and footpath networks will significantly improve the connected transport experience.



TORONTO WAYFINDING, CANADA

Some of the striking design features that help set these items apart are:





CROXLEY PARK, WATFORD

Trueform collaborated with renowned wayfinding designer Endpoint in the development of this unique family of products, and completed the manufacture and installation of over fifty assets across Croxley Park. This included large scale entrance totems, a range of directional and directory totems and wall mounted signage. The design incorporated timber-effect cladding, and custom LED 'halo' illumination to create an iconic wayfinding system.



HONG KONG WAYFINDING

Trueform, in collaboration with UK's Transport for London, was invited to deliver an on-street pedestrian wayfinding pilot to help kick-start Hong Kong's ambitious walking initiative.

As global leaders in the provision and deployment of pedestrian wayfinding signage systems throughout the World's major cities, Trueform were the obvious choice to bring their expertise to the scheme, and manufacture the wayfinding signage infrastructure throughout Hong Kong.

Installation commenced in Tsim Sha Tsui, one of Hong Kong's most popular tourist areas, overseen by Trueform's experienced project management team.





TRANSPORT FOR GREATER MANCHESTER

Trueform have extensive expertise and experience in the manufacture and install of street furniture products for Transport for Greater Manchester (TfGM).

TfGM awarded Trueform a 12 year contract to manufacture and install up to 800 new platform shelters throughout Manchester's tramway network. Trueform's 'Integra' shelter provided Metrolink with the modular design, high quality appearance and highly engineered construction they were looking for. The shelters have been designed using modular construction techniques and intelligent cable management to facilitate rapid installation.

In addition to this contract, Trueform have also manufactured & installed wayfinding totems for the Greater Manchester area. The totems are located at strategic transport nodes, initially between Piccadilly and Victoria Rail Stations.





COMMUNITY TRANSIT, SEATTLE

Installed throughout the new Community Transit BRT route, these iconic shelters were manufactured and installed by Trueform, and incorporate the latest engineering and manufacturing techniques, and material innovation.

Trueform collaborated with Community Transit to achieve a unique, branded BRT design that incorporated pioneering use of colour, lighting, signage and specialised manufacturing techniques. Trueform were able to utilize its transit engineering and manufacturing experience to deliver this prestigious project.

The shelters, praised for their attractive design, feature the latest in transport technology, including ticket vending machines, digital information, displays and audio service information.

The Bus Rapid Transit project will improve mobility, connectivity, and accessibility in the area, help spur local economic growth and help changed public perception of passenger transit systems





NOTTINGHAM EXPRESS TRANSIT

In 2013, Trueform were awarded the contract to manufacture and install a series of advanced tram shelters, platform canopies, ticket vending machines and other platform metalwork, for the second phase extension of the Nottingham Express Transit network.

As a unique and ambitious plan to rejuvenate the local tram network, the Nottingham Express project featured a distinctive product family to meet the city's precise needs. Trueform, the UK's leading experts in shelter and signage fabrications, were awarded the project with the aim to create a high quality, robust solution.

To meet the required specifications, Trueform produced a full suite of detailed engineering drawings, and undertook the manufacture, assembly and installation of over 150 separate assets.

Each product demonstrates the high standards of construction that Trueform is renowned for, utilising the highest grade materials, market leading manufacturing techniques, and an unparalleled attention to detail.





LUTON AIRPORT

Trueform were awarded the contract from Luton Airport for Reactive Wayfinding Signage across the entire London Luton Airport Site. The contract is for a bespoke range of directional, informational, highway, statutory & temporary signage. Trueform collaborated closely with the product designer to carry out site surveys, design, manufacture and installation of signage to meet airport, highway, quality and health and safety regulations.





DUNDEE, SCOTLAND

Designed by Nicholl Russell Studios Architects for Dundee City Council, the distinctive, contemporary Discovery bus shelter was engineered and manufactured by Trueform's bespoke shelter division.

The Discovery bus shelter is available with or without RTPi displays, CCTV, audio PA and interactive information kiosks can be included as an optional extra.

The shelters are manufactured from high-quality robust, vandal-resistant materials. All of the fittings and fixings are tamperproof, and quick release fastenings are incorporated for quick assembly and maintenance.

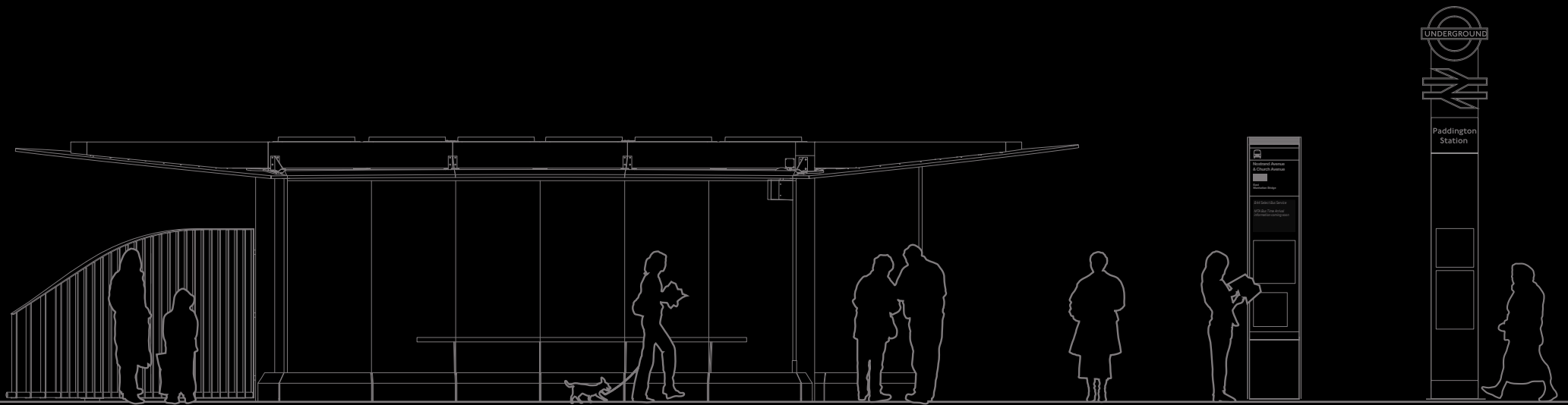
The modular design is available in a range of configurations and sizes. A choice of high grade material and finish options is offered for long-lasting performance.

A choice of glazing materials and options is also offered, including a shock-absorbing glazing retention system.





Contact our sales office on **020 8561 4959**, email us at **sales@trueform.com**
or visit **www.trueform.com** for more information on any of our products



Trueform Engineering Ltd | Unit 1 Pasadena Close | Hayes | Middlesex | UB3 3NQ

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