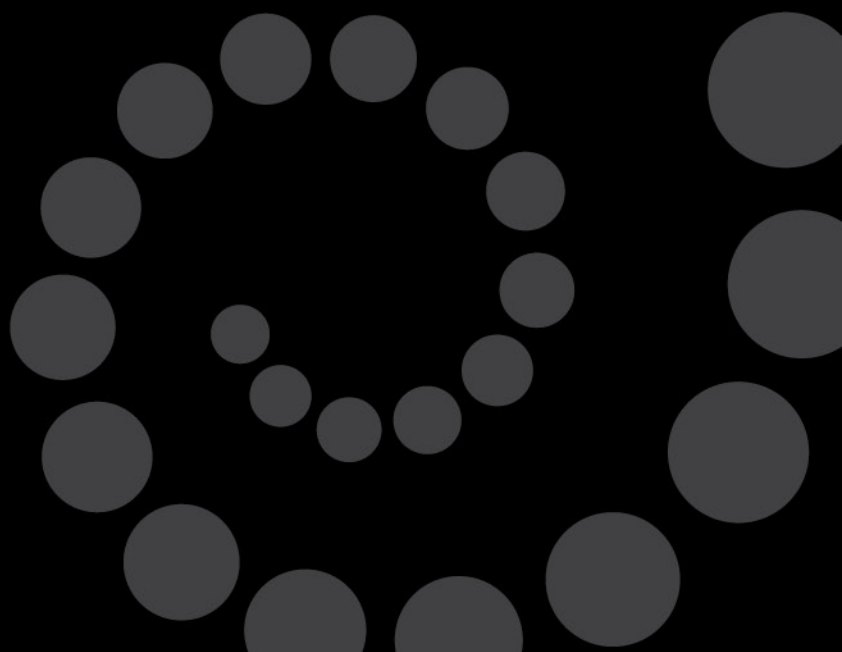




Hard Landscaping CPD Prospectus 2013/2014

www.marshalls.co.uk/cpd







CPD Seminars

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The Shared Expertise of Specialists

Sharing Marshall's Expertise in Landscaping

The success of the Marshall's Group has been built upon understanding specifiers' aspirations and objectives. With over 100 years' experience of enhancing the landscape environment it has generated a wealth of knowledge and become an authoritative voice within the industry.

It is a business committed to working in partnership with designers and contractors, creating sustainable partnerships and relationships that exist to deliver a single minded goal - the creation of better landscapes!

These partnerships require an ongoing knowledge transfer. This is why Marshall's has invested considerable effort in its CPD (Continuous Professional Development) programme which facilitates a structured sharing of knowledge. CPD is both a professional and a personal matter, enhancing individual skills and knowledge to maintain competence in continuously developing professions.

Enclosed is a comprehensive roster of the CPD seminars available, covering all aspects of a commercial landscape. The developing nature of our industry may mean that clients require a seminar on a topic not yet listed. If it falls within our expertise, simply request it and we will construct a new module.

Project Consultant Help

Marshall's Project Consultants are familiar with the CPD prospectus and are happy to advise or assist with arranging a CPD programme that best suits your needs. For all the latest CPD's offered please visit www.marshall's.co.uk/cpd



"ColourUDL organise a series of regular CPD events to aid our staff's personal development and ensure they have the skills and knowledge to provide our clients the best possible service. We focus our CPD events on the current project requirements to ensure we get the best out of them and they're not just a free lunch for staff! Utilising the learning as part of the job also helps the information sink in. Marshall's have been extremely helpful and proactive in providing appropriate CPD targeted around the specialist services they provide and the needs of what we deliver to our clients."

Stephen Blacklock, Technical Director, CMLI



"At Fira we believe a varied CPD programme is an important part of the personal development of each of our professionals and is essential to the continuous improvement of our practice. Marshall's have offered a wide range of technical seminars that provide our staff with product awareness and technical competence. When tailored to specific issues and projects the presentations are relevant and interesting. This approach to CPD improves the standard of design and technical detailing in our industry and profession."

Jane Findlay, Director, Fira



Marshall's

Voices from the Industry



"We consider CPD to be an essential component of practice development. With the assistance and expertise of industry leading suppliers to our profession like Marshall's, we actively promote and support a variety of learning activities that allow our staff to keep abreast of industry issues, best practice and new innovations. The benefits are clear to the development of the individual, the practice and ultimately our profession!"

Richard Barrett, RIBA, Director, EPR Architects Limited



"To produce the sustainable, high quality of public realm designs, increasingly demanded by the general public, politicians and professionals, in my opinion, also means continuous improvements in partnership working, between commissioners, designers, suppliers and contractors. Formal Continuous Professional Development (CPD) processes for designers are even better if manufacturers, suppliers and contractors work with design professionals at every opportunity. Marshall's initiative in contributing to this approach is most welcome in helping to achieve the goal of public realm excellence."



Peter Heath, RIBA MRTPI, Technical Director, Atkins Public Realm

ATKINS



"CPD is an integral part of each staff member's professional evolution and covers the wide ranging and changing skills necessary throughout the whole of their working lives. Supported by input from specialist suppliers like Marshall's, it allows staff to keep up to date with not only new products and innovation but also best practice as the industry develops. The individual, the practice and the industry as a whole definitely gains from well planned CPDs."




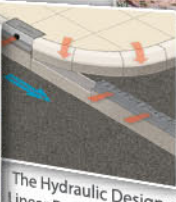


Mike Peachey B.Sc.(Hons), C.Eng, M.I.C.E., M.C.I.W.E.M, Director, Gemma Building & Design Business Limited



Booking CPD Seminars

Marshalls CPDs are designed to offer flexibility specific to your individual or company development needs. As well as booking individual CPD seminars, there are other ways to maximise your learning needs:

Booking a coordinated CPD Package

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
											
Introduction to Linear Drainage	Marshalls' Factory Visit	Flag & Slab Paved Surface	The Hydraulic Design of Linear Drainage Systems	Sustainability	Lighting the Landscape						

Working with your local Project Consultant, Marshalls can coordinate a structured annual CPD programme to help address the specific learning needs of your practice.

The advantage of this is that it is not only a bespoke CPD programme but one that you and your colleagues can build upon throughout the year. A proactive approach that helps to maximise learning outcomes whilst minimising disruption.

How to book your CPD seminar:
www.marshalls.co.uk/cpd



or through the hotline number
0845 302 3131



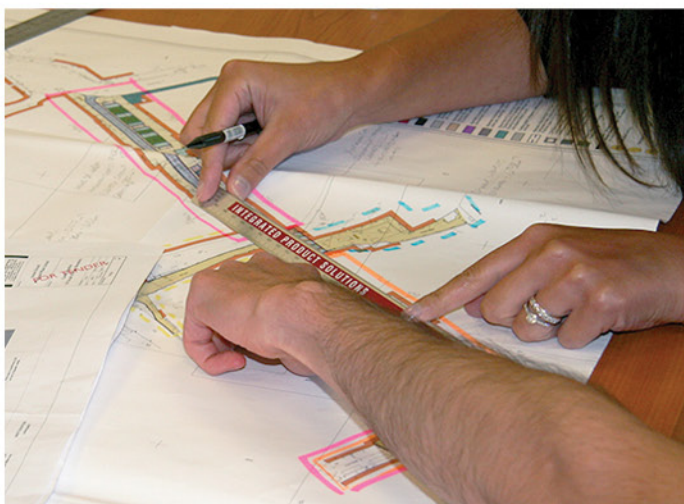
Personalise your CPD



1-2-1 Design Surgery

NEW

Want to learn more about what technical services Marshalls can offer you? Need assistance understanding current legislation or technical detailing? Working on a project and need support on design options and budgets? As practitioners we all strive to create better landscapes, bringing alive buildings and communities and positively influencing well being through balanced design and considered product selection. Our design support surgery can be tailored just for you as it's only through collective collaboration that we can create better landscapes.



Contractor Toolbox Talks

NEW

Taking time out once a project has started can be both timely and costly. Successful implementation is based on early engagement and consideration for detail. Marshalls Toolbox Talks highlight common pitfalls during installation and how to prevent them. Toolbox talks are available for:

- Water Management
- Street Furniture
- Natural Stone
- Rail Landscapes
- Paving
- Best practice and value engineering

CPD Seminars



An Introduction to the Design and Detailing of Modular Pavements

NEW

45mins

Whether a landscape design is being led from an aesthetical or structural perspective, the fundamental key to any successful project is to first attain a comprehensive understanding of the available options to hand, so an informative and educated decision may then be engaged.

This seminar is principally designed to provide an enlightening introduction to modular pavements, discussing the various surfacing solutions and how to successfully design, install and maintain such products, drawing on experience to highlight cases of best practice.



Structural Design & Detailing of Block Paved Surfaces

40mins

The correct design, detailing and installation of modular paved surfaces is what can turn a good landscape into a great landscape. This seminar covers the basic elements of structural design with reference to the appropriate design and installation codes of practice and highlights how good detailing can benefit the structural integrity of the pavement whilst also enhancing the finished aesthetic. With a section on the how's and why's of paving installation, common problems and the corrective measures employed.



Flag & Slab Paved Surface

40mins

Offering a solid overview of flag paving this seminar covers everything from the manufacturing process and British Standards through to the design and installation of both flexible and rigidly installed paved areas. Highlighting the broad spectrum of products available and offering advice on the do's and don'ts of flag installation. The seminar is closed with an overview of why ethical sourcing is important and Marshalls' policy on the ethical sourcing of imported materials.



Designing for Mobility Part 1: Tactile Paving Surfaces

UPDATED

40mins

When designing hard landscape solutions, consideration must be given to enable free and safe movement for all persons around the built environment. Successful landscapes are also inclusive spaces that require a functional solution as well as maintaining aesthetics. This seminar discusses the background and legislative requirements for the correct use of tactile paving elements, the tactile units currently available and their correct application and installation. The wider issues of ramp and step access when designing for inclusive mobility are also covered.



Designing for Mobility Part 2: Street Furniture and Lighting

NEW

40mins

During the design or specification of landscape elements for the urban realm, consideration must be given to the needs of all those who might use the space. Successful landscapes are both accessible and inclusive, and encourage use by all, no matter what their individual needs.

This seminar discusses the legislative background to the provision of products that will encourage and support mobility, both in terms of product design and installation. Covering the practical details to be considered across a range of street furniture, signage and exterior lighting, the CPD is delivered by Woodhouse, a Marshalls specialist business.

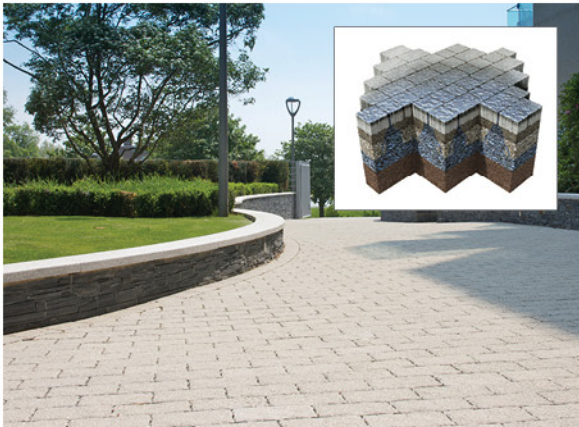
CPD Seminars



Introduction to Permeable Paving

 35mins

Environmental and legislative changes such as The Flood and Water Management Act are driving an increase in the popularity of Sustainable Urban Drainage Systems (SuDS). The introduction of the Flood and Water Management Act means that all new developments will have to assess the practicality and viability of SuDS. This seminar looks at the uses of permeable paving as an effective SuDS solution. It covers all the basics from suitable types of ground conditions to installation and traffic applications.



Permeable Paving - Design & Detailing

 45mins

Moving on from an 'Introduction to Permeable Paving', this seminar gives the designer more detailed information on how to design and detail a permeable pavement. Content focuses on all key design considerations such as rainfall events, storm patterns, traffic loading and ground conditions. Examples are given showing how to design a permeable pavement to cope with each of these factors from a structural and hydraulic perspective. Linking in with the SuDS philosophy, the seminar looks at how permeable pavements can improve water quality and the wider social benefits this brings. Also included are details on installation, machine lay and maintenance. Case study examples are given to show practicality and costings.




Beany Block & Mini Beany Design & Detailing

 45mins

Combined kerb and drainage (CK&D) systems are now a commonly accepted method of draining highway and commercial schemes. This seminar looks at the uses of CK&D systems, in particular Beany Block, the original CK&D system, and Mini Beany. In-depth detail is given on all aspects of design right through to installation and handling of the products on site. To aid with hydraulic design, the seminar includes a worked example of the Modified Rational Method for the Beany Block system.



Introduction to Linear Drainage

 40mins

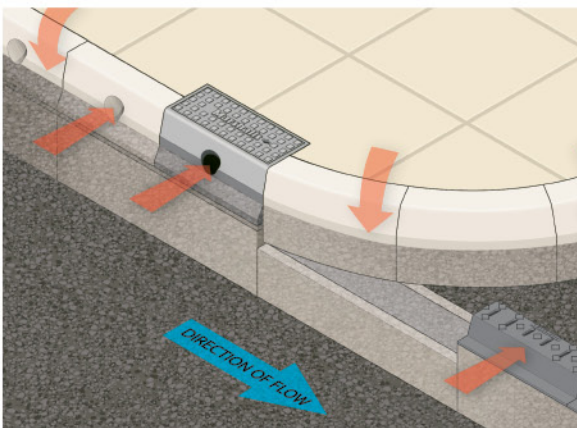
Linear drainage offers designers a suitable alternative to traditional point drainage. Options range from discreet slot drainage to high capacity systems to cope with excessive run-off. This introductory seminar looks at the design implications of different linear systems and uses Marshalls' products to give clear examples of their use. To assist in the hydraulic design, a worked example of the simple-run off method is included.



Linear Drainage Design & Detailing

 45mins

Naturally following on from our Introduction to Linear Drainage, this seminar looks in more depth at the considerations for the design and detailing of linear drainage systems. Focus is given on how to appropriately select the correct system for your scheme with a worked example of hydraulic design. Marshalls' products are used throughout to illustrate design and performance characteristics of each type of system.



The Hydraulic Design of Linear Drainage Systems

 45mins

There are various methods to calculate storm water run-off at the disposal of the designer. This seminar focuses on the general design principles for linear drainage and gives illustrations on how they can be achieved. Guidance and clear worked examples of the Simple Area run-off and Modified Rational methods are also covered to assist with hydraulic calculations, including ways in which to simplify them.

NB These presentations are generic wherever possible, but because of the nature of the product it is necessary to discuss specific Marshalls linear drainage product ranges and these are necessarily named within the presentations.



CPD Seminars



Natural Stone for Landscapes – Ethics and the Environment

40mins

Ethical procedures and environmental practice are important issues to all users of natural stone, from local authorities and specifiers through to engineers and contractors; these issues have become a fundamental driver in the procurement process. The key question that practitioners face is, how can you be sure that the natural stone product you specify and procure is ethically and sustainably sourced? This seminar discusses what ethical and sustainable procurement means, highlights industry best practice, and discusses carbon footprinting and the ethical trade policies that currently exist within the marketplace. The resulting knowledge being a base level understanding which will allow clients to make more informed purchasing decisions.



An Overview of Natural Stone

40mins

This seminar provides clients with a rounded understanding of the Marshalls Natural Stone offer for commercial applications. Talking as an authoritative voice with over 100 years' experience the seminar covers both indigenous and imported material as well as the stone itself, how it should be used and the benefits each stone type can deliver. Also outlined are the free support tools that are available to clients in order to assist them in the product selection process. Client value is built through a comprehensive understanding of the material, how to sustainably source, cost effectively manufacture and efficiently and safely install.



Natural Stone - Applications and Stone Selection

40mins

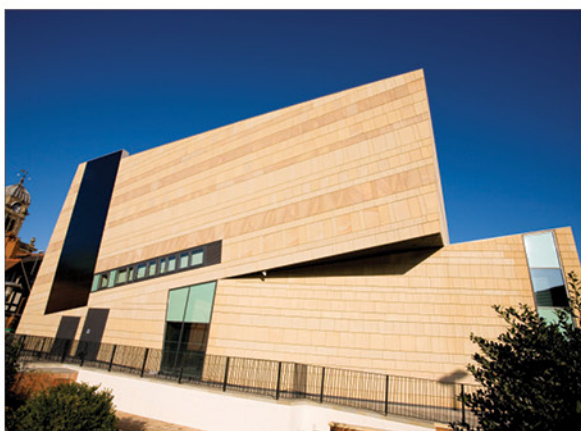
The first part of achieving a high quality and durable natural stone landscape relates to the correct selection of the stone. It might be beautiful but is it fit for purpose? This presentation gives a run down of the relevant standards against which natural stone should be selected. It highlights the tests that need to be done and how they are relevant to the stone in use. Get the right stone and it should last a lifetime, select the wrong one and regret it for a lifetime.



Yorkstone Uses and Abuses

 40mins

This seminar covers Yorkstone natural paving. An indigenous material that has become synonymous with some of the UK's most famous landmarks. Taking the audience on a journey from sourcing the material in the quarries right through to the point at which it becomes a working product. This seminar highlights the good and the bad of using natural stone in the built environment and highlights how Yorkstone can be used across a broad spectrum of product types in order to offer specifiers a co-ordinated palette of materials. The streets of London are not paved with gold, they are paved with Yorkstone – find out why!



Natural Stone Cladding and Modern Methods of Construction

 40mins

This seminar is ideal for those clients considering the use of natural stone in the vertical application. The seminar covers an overview of how natural stone can be used to complement both traditional and modern architecture. Various fixing options are identified, discussed and compared including traditional hand-set masonry, stone on precast and several stone rain screen systems. Factors such as time, cost and design and construction considerations are evaluated for each method through case study examples. The CPD is delivered by Stancliffe Stone, a Marshalls specialist business.



An Introduction to Specifying Natural Stone for Buildings

 40mins

Natural stone has been used to construct buildings for thousands of years, but all too often, particularly in modern construction, the stone can be incorrectly selected resulting in poor performance. This seminar provides architects with a solid introduction into the selection of natural stone for construction. Starting with basic geology and stone types before progressing onto discussions about quarrying, operational processing of the stone, testing and cost management. Important design considerations and selection criteria are reviewed enabling the audience to ensure that the right stone is used for the right application. The CPD is delivered by Stancliffe Stone, a Marshalls specialist business.

CPD Seminars



Lighting the Landscape Part 1: The Options Available

NEW

40mins

This 'entry level' seminar offers an introductory insight into the considerations for a specifier to bear in mind when initiating a lighting strategy for their project.

Content includes the options currently available for lighting the urban landscape - at every level from major roads to intimate pedestrian spaces - and touches upon legislative requirements. The vast range of effects that may be achieved are illustrated by case study examples. The CPD is delivered by Woodhouse, a Marshalls specialist business.



Lighting the Landscape Part 2: A Technical Insight

NEW

40mins

Lighting plays an important role within a landscape, whether it is illuminating for safety and direction or used for highlighting landscape features. This seminar extends the learning outcomes from Part 1 and covers detailed technical information relating to light and vision, lamps and light sources, and an introduction to lighting calculations.

Case study examples illustrate the impact of alternative light sources upon various elements of the landscape. The CPD is delivered by Woodhouse, a Marshalls specialist business.



Lighting the Landscape LED's

NEW

40mins

This seminar reviews the ascension of LED light sources across recent years and considers the use of LEDs in products from street lighting luminaires to architectural facade lighting. Learning outcomes include information relating to energy efficiency, life expectancy and associated equipment (drivers, running currents, controls etc).

Case studies demonstrate the impact that this discreet light source is having upon the design of lighting products for lighting the landscape. The CPD is delivered by Woodhouse, a Marshalls specialist business.



Materials Used in Street Furniture and Exterior Lighting

UPDATED

40mins

The palette of materials selected for street furniture and external lighting plays a key role in how the overall identity of a space is expressed and is fundamental to the development of a sense of place. Product durability and life expectancy are also highly dependent upon the considered specification of suitable materials across a range of environments.

The seminar covers all elements of street furniture and lighting, addressing appropriate material choices for a broad portfolio of products.



Counter-terrorism Design: BSI PAS 68 & Hostile Vehicle Mitigation

45mins

Following events in recent years, the threat of international terrorism has risen to unprecedented levels. A key element of the government's strategy to combat these threats is to strengthen the UK's physical protection against vehicle-borne attacks through encouraging the early adoption of counter-terrorism principles in the design and planning process. This seminar introduces the threats and potential solutions, focusing on hostile vehicle mitigation and the BSI PAS 68 standard for vehicle security barriers. The seminar highlights the key considerations in counter-terrorism design and how protective measures can be incorporated into landscapes without compromising design quality.

CPD Seminars



Railscapes: Enhancing the passenger experience

NEW

40mins

Investment in the UK transport network is essential in order to help sustain the UK's productivity, competitiveness and to support economic growth. Rail transport can play a huge part in this by reducing road congestion; it is a greener and more sustainable form of transport. To make this shift the passenger experience needs to be the best it can be. Designers have a real opportunity to give stations a sense of place and use them as catalysts for town and city regeneration. This seminar explores how considered design can enhance users' feelings towards an environment and create a sense of wellbeing and pride.



Homescapes: Creating spaces for better communities

NEW

40mins

Our homes are the essential building blocks of our communities and are critical to Britain's future. Good quality, affordable housing is key to social, environmental and economic wellbeing, enabling stable and secure family lives and creating better communities.

Modern homes need to be demonstrably better, designed and built to the highest standards, creating mixed communities with good local facilities, and take into account any potential environmental impact. This seminar explores how Marshalls' knowledge, expertise and integrated product ranges can provide a fundamental ingredient for attractive, high quality housing developments.



Sustainability

NEW

40mins

Sustainability is about much more than just what is the percentage of recycled content? Project teams need to adopt an holistic approach to this subject, considering the economic, environmental and social issues. This seminar provides an overview to the issue that is global sustainability, and discusses the resultant external influences on industry. From clients through to contractors and manufacturers, each stakeholder has a role to play in dealing with these issues. The second part of the seminar discusses how Marshalls has responded to these issues and looks at our progress in developing a sustainable business and providing increasingly sustainable products.



Marshalls' Factory Visit

3 hrs

Improved interaction between specifiers, local authorities and contractors will provide a greater knowledge base from which to create better landscapes. The Marshalls' Factory Visit CPD can be tailored to suit your own training agenda by including any module from the available list alongside a factory tour to understand how products are made, our manufacturing capabilities and bespoke product possibilities. Covering the full spectrum of processes, from aggregate deliveries to the manufacturing of product and secondary processing, right through to packaging and dispatch. The half day can also incorporate a Q&A session, an overview of the technical and design services available and provide an insight into the in-house laboratory testing employed to ensure the output of high quality product.



Street CPD – Exhibition Road

NEW

1.5 hrs

Book your place now on Marshalls unique street CPD, a tactile and live learning experience which aims to give you a complete tour of the world famous Exhibition Road, London. The tour will highlight key design and installation aspects of this £28 million award winning development. Marshalls supplied 22,000m² of Yorkstone paving and Granite setts, the street's linear drainage and a distinctive lighting solution through Woodhouse, a Marshalls specialist business. This tour explores how balanced decisions on product choice and landscape design have enabled this project to transform one of London's most visited streets into one of the most accessible cultural destinations in the world.



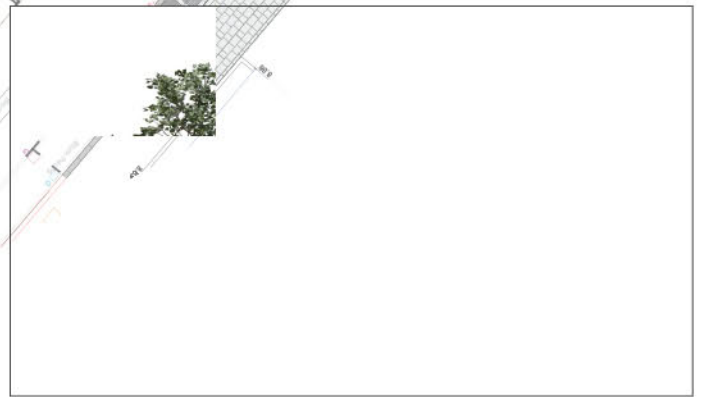
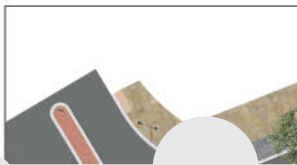
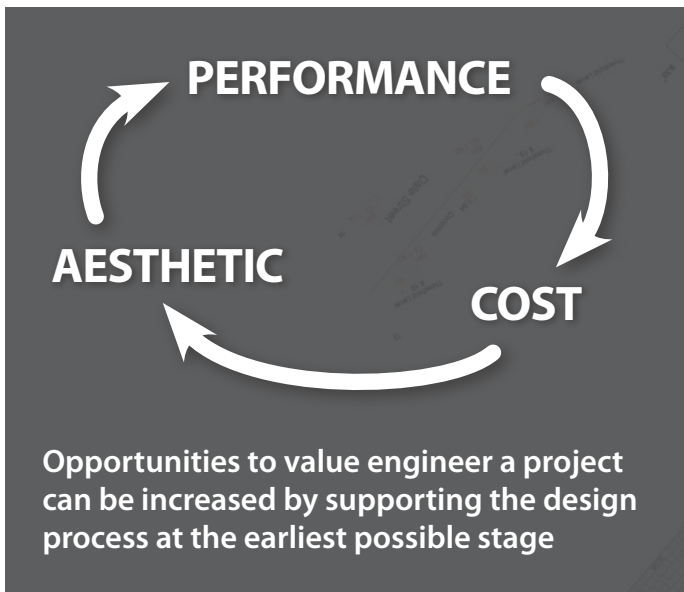
Marshalls Design Support Services



“Our everyday goal is simple – through our external engineers and internal design team we can support your projects performance and aesthetic design aspirations with a commercially driven, value added design support service - excelling through computer aided drawings, BIM models, engineering solutions and technical advice.”

Mihailo Simeunovich – Marshalls Design Manager

Driving value through design



Did you know? Marshalls qualified technical team have over 400 years worth of experience within the Construction Industry!



The Offer

BIM* Models

Digital 3D models with the relevant product attributes can be produced for a range of Marshalls Landscape products upon request.

*Building Information Modelling

Linear Drainage Design

Our Design Team can ensure that the most suitable and cost effective Linear drainage system is selected, detailed, scheduled and installed to meet your projects hydraulic and loading needs.

Permeable Paving Design

With traditional draining infrastructure close to capacity the demand for SuDS solutions is increasing. Each design is based on a number of variable local conditions and we can assist with the structural and hydraulic requirements along with the specification of materials.

Layout Design & Standard Detailing

Product selection and design detailing together form the identity of a landscape. Detailed plan layouts can be produced by our team of experts to help clients visualise detailing and bespoke features.

Customer

Structural Concrete & Natural Stone Paving Design

Fit for purpose paving designs can be produced by our Engineers and Designers which take into account Traffic loadings and frequency, ground conditions and material selection.

Customised Design Detailing

Every scheme faces different challenges, whether it be overcoming problems on site in installation or bringing together a wide palette of materials within the design. Occasionally special products are required to meet these challenges. Our design team have the expertise and experience to work with you and other key stakeholders within a project to ensure that your concept is turned into practical reality.

Bespoke Natural Stone Component Designs

The versatility of Natural Stone allows designers to create bespoke features and detailing. Using a single material to weave together the horizontal and vertical fabric of a landscape. Involving Marshalls Design Team early in the project can help modularise the build and reduce cost through taking out site complexity during installation any secondary processing required.

If you would like to know more please contact your local Marshalls Project Consultant or alternatively request a Marshalls Design Support document (which also includes a number of Commercial case studies) on **01270 824 001**

To talk more about Design Services and CPD's find us on Twitter at **@Marshalls_Tech** 



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