



# DESIGN PORTFOLIO

# 2023



*The* GUILD  
of MASTER CRAFTSMEN





*Visit Our Website*

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# About Us

At Helions Forge, we strive to implement innovative design and ironwork expertise to produce unique and diverse products for our customers. Ranging from traditional railings to personalised plasma cut gates, our skilled team in Cambridgeshire ensure that each product is hand-made with the utmost care to meet our customers' individual specifications. Combining traditional blacksmithing techniques with modern metalworking methods, we create functional artwork that is built to precision. Customers have the opportunity to lead the design process, incorporating specific ideas and personalisation into their product.

Our creative design team strive to produce effective, made to measure designs across our whole product range. Whether you are looking for a set of automated driveway gates to fit between

two existing brick pillars, or a bespoke interior balustrade that requires tailor fitting to an existing staircase and treads, our careful design process and skilled craftsmen will ensure the finished product fits and works to your specification. We have been lucky enough to have taken on some incredible and truly unique projects over the years and endeavour to keep exploring our creativity within our bespoke metalwork creations.

Our specialty lies in bespoke, made to measure design and manufacture. We provide a unique service to our customers that encompasses exquisitely finished, made to measure products and most importantly, ensuring complete customer satisfaction. We welcome customers to visit our workshop in Cambridge to view our current ongoing projects, as well as seeing progress development on their own projects.







# Driveway Gates

Handcrafted and made to measure, our wide range of driveway gates are constructed for maximum durability, functionality and aesthetic effect. We offer a variety of decorative features and can tailor each customer's design to meet their specific requirements and desires.

Our bespoke driveway gates offer safety and security to our clients and can be adapted to meet the needs of residential, commercial and public environments. We offer a range of gate automation, including above ground (RAM), underground and sliding gate systems, and provide a full installation service. Our skilled team will advise on the most effective solution for each client's individual project.

In addition to improving the safety, security and convenience of a residence, driveway gates can increase a property's value. Driveway gates are a highly desired feature among both residential and commercial property owners. Driveway gates are an important and prominent feature of any residence, providing an opportunity for owners to commission a carefully and individually designed gate that is distinctive to your home, style and taste.

At Helions Forge, we are able to create all kinds of bespoke gate designs to meet the needs of any client. Ranging from elaborately decorated to simple and effective styles, we will create the traditional and striking design that you desire.







## Design | Build | Installation

Utilising our well founded blacksmithing and metalworking techniques we are able to offer our clients a high level of creativity within their designs, guaranteeing a truly unique driveway gate that will not be replicated anywhere else. A typical project begins with a series of hand drawn sketches to explore ideas and styles until we find what it is our customer is looking for. Designs are adapted and fine tuned as required before we transform this design into a 3D CAD model. Once the design process has been completed

and we receive final confirmation from our client, we are then ready to begin the manufacture and fabrication stages.

Each gate is hand crafted in our workshop and finished to a precise and exquisite level. All gates are galvanised and powder coated, providing the most durable and long lasting finish achievable. To complete each project, our in-house installation team will carefully undertake the required works to prepare, deliver and install each customer's driveway gate.





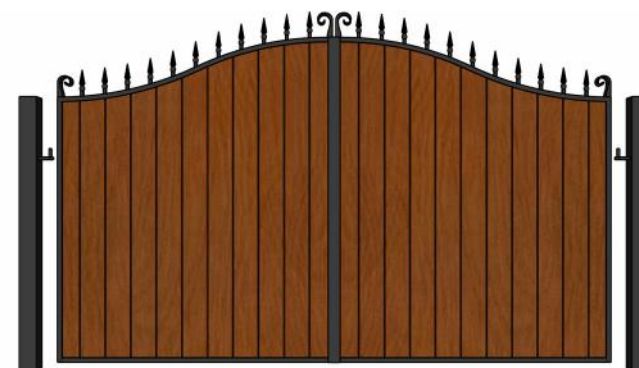






## Benefits & Features

- *Improve Security*
- *Increase Property Value*
- *Convenient, Automated Access & Control*
- *Traditional, Modern & Creative Designs*
- *Handmade & Made To Measure*
- *Residential, Commercial & Public Settings*
- *Galvanised & Powder Coated Finish*





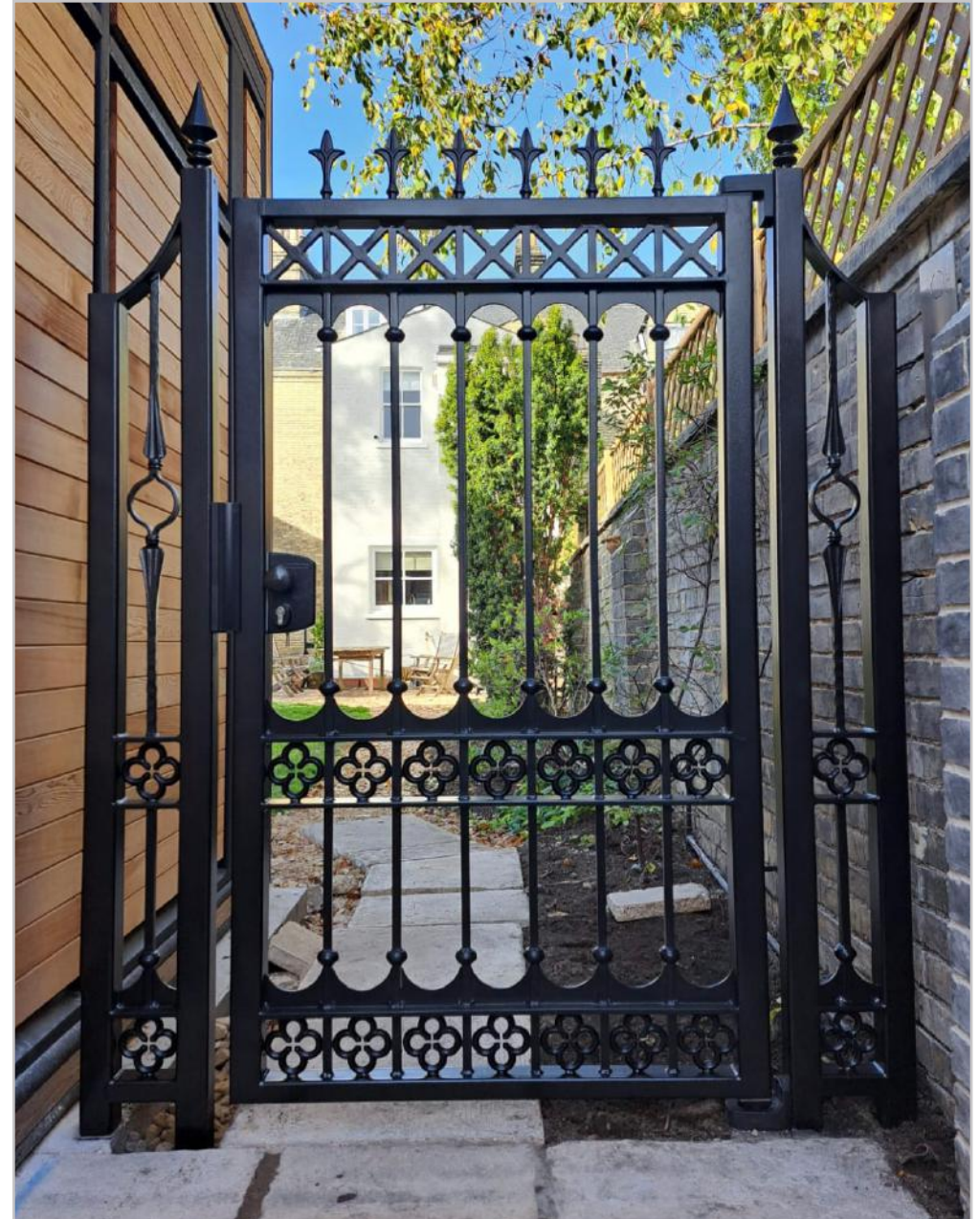
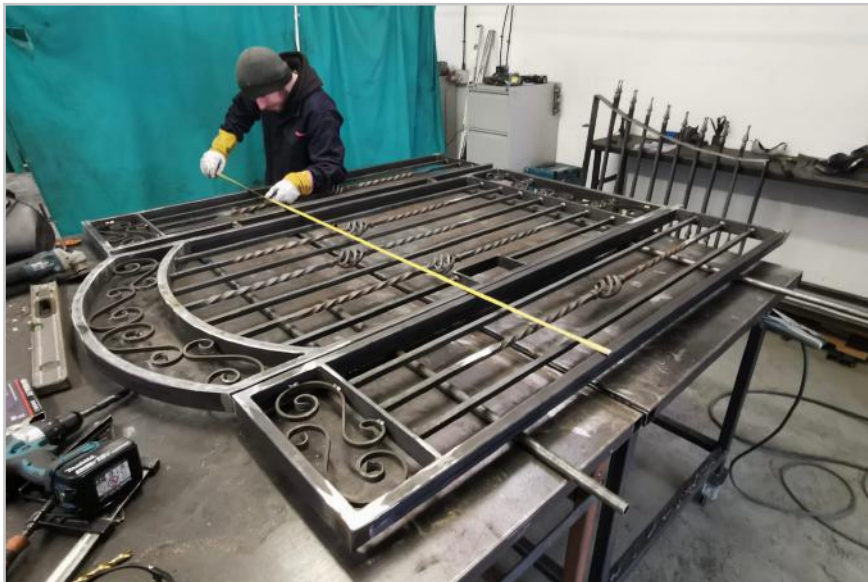
# Garden Gates

The ideal garden gate offers security and convenience and can be a striking feature to your property. Our extensive design and manufacturing capabilities will make sure to create the perfect gate to suit any environment. In addition to your personal taste and preference, the local surroundings and heritage can be useful factors to consider when conceptualising a gate design.

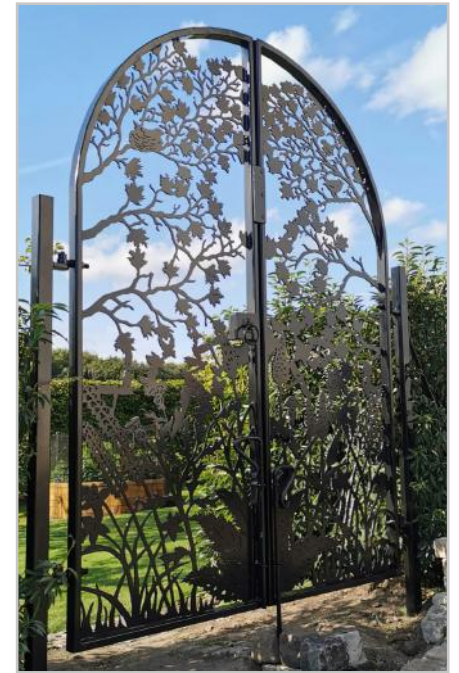
Whether you have a design or style already in mind, or if you would like us to create something from scratch, our design team will ensure to draft an

effective, made to measure and eye catching gate design.

At Helions Forge, our team will carry out a thorough site visit prior to beginning a project. This is to ensure we do not miss any important aspects, or potential foreseeable issues, which we can then allow for or adapt into your design. Furthermore, an initial site visit allows us to plan for the most effective and efficient installation method required, making sure your finished garden gate is fitted correctly first time and works effectively.









# Exterior Railings

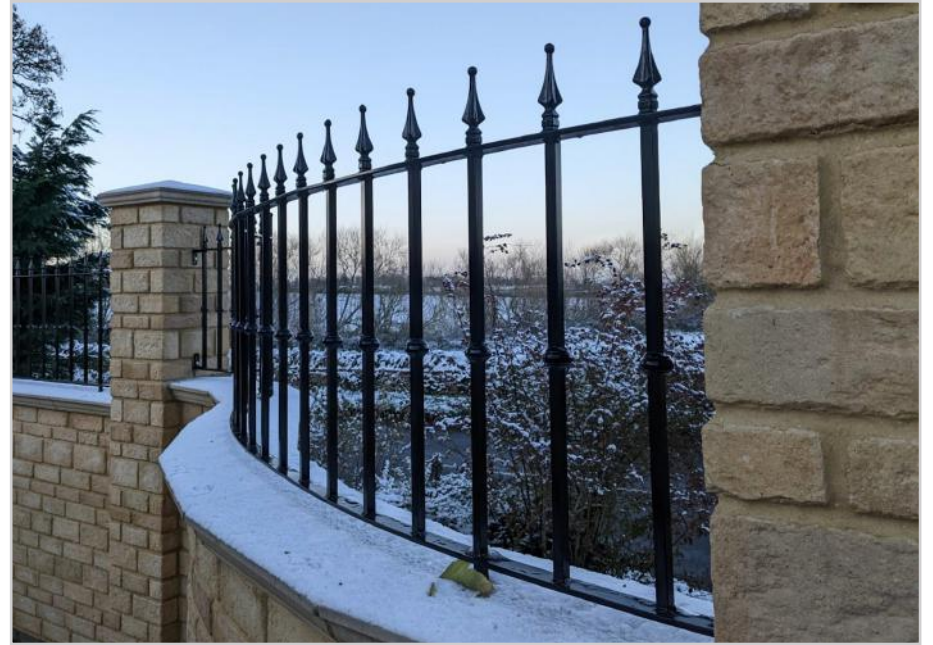
We offer a wide range of metal railings suitable for all kinds of residential, public and commercial environments. Careful design and craftsmanship ensure our custom built railings are finished with precision and meet any specific design requirements our clients may have.

Customers have the ability to customise their design to best suit the surrounding environment, local heritage and their personal taste. All our exterior railings undergo an initial galvanised treatment followed by a powder coated finish to ensure ultimate longevity and durability. Ranging from highly decorative and ornamental railings to simple and effective handrails, our design team will be sure to create a functional and striking design that meets your specification. Our team will guide you through all available options and provide the most effective solution to successfully complete the design, manufacture and installation stages of your project.

Railings and balustrades provide the perfect blank canvas to explore our creativity and to integrate unique elements throughout our designs. Natural themes are most popular, including elements such as twisting vines, leaves and flowers. Combining blacksmithing techniques with more contemporary metalworking methods we are able to create unique designs that will compliment









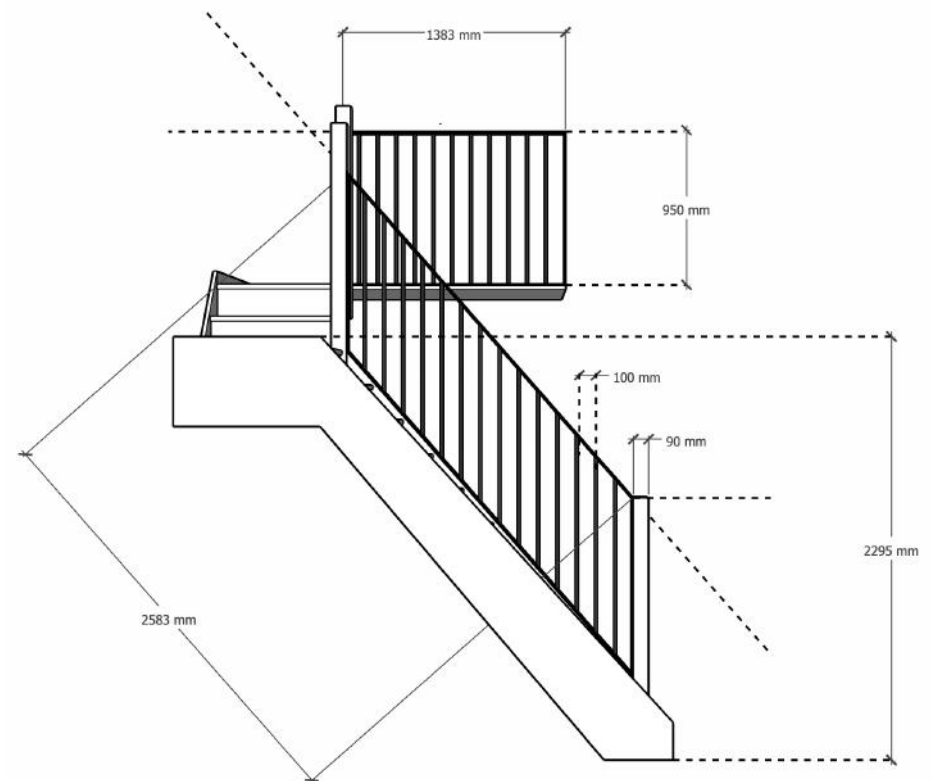
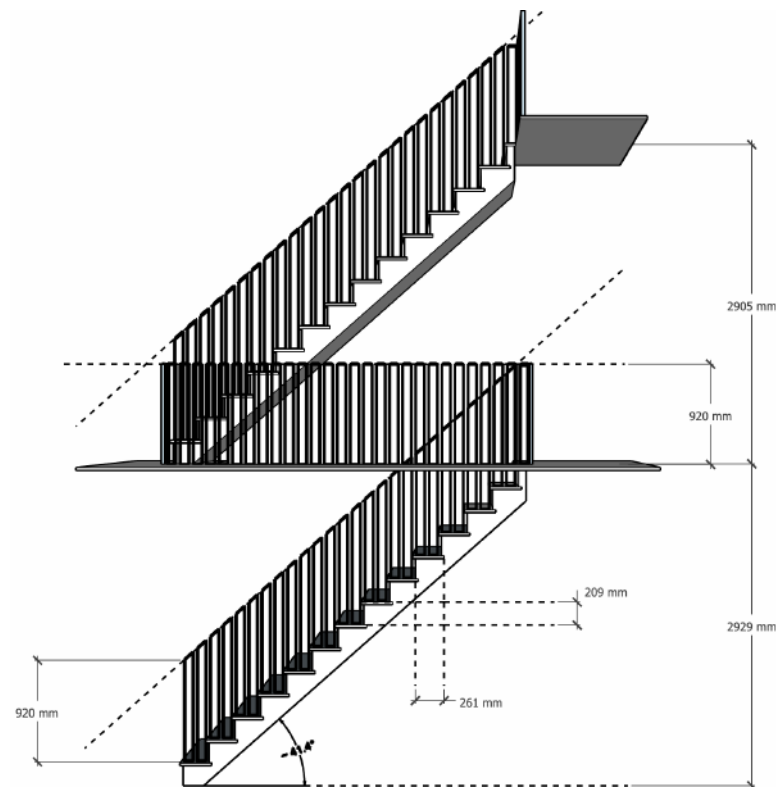
# Interior Balustrades

Through comprehensive design, meticulous fabrication and careful installation, our skilled craftsmen will create the perfect interior balustrade for your residential or commercial property. Whether you have a design and plan ready to go, or require support through the design stages, our team at Helions Forge are here to assist and advise you on the best options available.

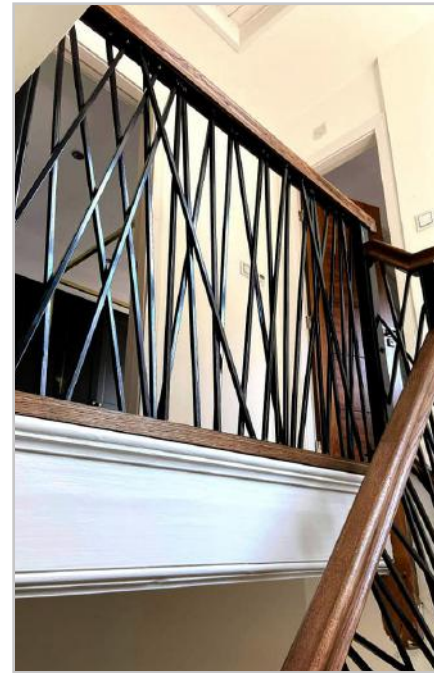
A project develops from a well considered design concept into a precise 3D model, which allows you to fully visualise your balustrade in place and make any final adjustments that are desired. Once a 3D model and final design has been drafted, our craftsmen can begin

carefully constructing your balustrade with a keen attention to detail. Our expertise extends to an array of materials including mild steel, copper, aluminium and wood. An exquisite finish on all our metalwork is essential to ensure durability, longevity and aesthetic effect.

We offer clients a wide range of finishing options from powder coating and hand painting to clear coat lacquer. We work closely with a skilled team of bespoke carpenters, offering our clients a complete staircase renovation service. This ranges from re-construction, hardwood tread fitting to general refurbishment and installations. All projects are managed by Helions Forge, guaranteeing complete satisfaction throughout your project.









# Garden Features

Our unique style and fabrication techniques can be incorporated into a wide range of striking garden features, ranging from one of a kind sculpture to complex archways and pergolas. Ensuring each products is structurally sound, all projects undergo a meticulous design process where you will receive detailed drawings and 3D CAD models to fully visualise your products before we begin manufacture. Combining unique design and skilled craftsmanship will be sure to create a products and style that suits both your requirements and natural setting.

Archways and structures make a stunning garden feature and provide the perfect framework for climbing plants such as roses. Our archways and structures can be designed to create beautiful garden entrances, partitions or to enhance pathways and patio areas. All our structures are built with a solid steel frame, ensuring rigidity and longevity. Our exterior metalwork undergoes an initial hot-dip galvanised treatment, which provides the ultimate protection against rust, followed by a powder coated finish with a colour of your choice.













# Fire Pits & Sculptures

Serving as an impressive central focal point, our custom made fire pits offer a personalised and unique addition to any garden and outdoor space. We offer a wide selection of bespoke styles, ranging from hand drawn and hand cut spherical designs to one of a kind fire bowls with custom stands and surrounds. Our creative design process and careful fabrication process ensures that each customer receives a truly one of a kind and eye catching product.

Our spherical Fire Pits can be utilised as stand-alone sculptural pieces for all kinds of interior and exterior settings. Customers have the ability to tailor personalised designs on sizes from 600 to 2000mm diameter.

To begin the process, we draft an initial hand drawn design with chalk on to the fire pit. Customers then have the ability to review the design and make any alterations or additions that are desired. Once we have a finalised design we can begin the fabrication process. Firstly, the fire pit is cut by hand using a plasma cutting torch, followed by a thorough grinding and cleaning process ready for a rusted or painted finish.

At Helions Forge we are always keen to take on new projects and will use our skills to tackle all kinds of bespoke commissions. We have been lucky enough to have taken on many incredible sculptural projects and continue to expand our range and abilities.







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