

JMK



Architectural Oak Structures

Bespoke Design & Traditional Craftsmanship





Bespoke by Design. Built for Generations.

JMK designs and constructs one-off architectural oak structures using traditional timber framing techniques refined over centuries.

Each commission is carefully considered in relation to its setting, from private estates to contemporary homes and formally landscaped gardens, ensuring the finished structure sits naturally within its surroundings.

Our frames are traditionally jointed using interlocking jowl posts, dovetailed tie beams and handcrafted oak pegs. These methods allow the oak to mature and settle as intended, creating a unified structure of enduring strength and character.

The result is a permanent architectural feature, designed with restraint, crafted with integrity, and built to last for generations.





Our Approach

Every JMK structure begins with a considered design process. We work closely with clients, architects and landscape designers to create structures that sit naturally within their setting. Proportion, scale, sightlines and materials are carefully resolved before fabrication begins.

Each frame is traditionally cut and dry-assembled in our workshop, ensuring accuracy and integrity in every joint. Installation is completed by our own team, giving us full control from initial concept through to completion.

Materials & Detailing

We use carefully selected structural green oak, allowing the timber to mature and settle naturally over time.

Traditional details, including interlocking jowl posts, dovetailed tie beams and handcrafted oak pegs, create enduring strength while accommodating the timber's natural movement.

Staddle stones, specialist roofing finishes and integrated lighting preparation can also be incorporated. Every commission is individually specified.

Commissioning

As each structure is bespoke, proposals are prepared following an initial consultation and review of the site.

To discuss a potential commission:

sales@jmkcoakframe.co.uk

01164 888 280

The Collection

Our work spans a considered range of architectural oak structures from open pergolas that introduce rhythm and shade, to fully vaulted pavilions designed as permanent outdoor rooms.

Each commission is individually proportioned in response to its setting, yet united by the same principles:

Structure.
Material honesty.
Restraint.

What follows is a curated selection of recent commissions and design studies.





The Workshop

Every structure begins in our Leicestershire workshop.

Here, each frame is traditionally cut by hand using time-honoured timber framing principles. Primary joints are formed using interlocking jowl posts, dovetailed connections and solid oak pegs, not concealed metal brackets.

Before any structure leaves for site, it is fully dry-assembled to ensure precision, alignment and integrity. This process allows every joint to be inspected and refined before installation.

It is slower.

It is deliberate.

It is how oak framing should be done.

The result is a unified structure crafted with control, accuracy and respect for the material.

The Hickling Pavilion



The Hickling

The Hickling was conceived as more than a pavilion. Its hexagonal form creates a natural rhythm, drawing the eye towards a beautifully crafted central crown post, positioned like an oak chandelier within the roof.

Traditionally cut from structural green oak, the frame brings together a series of complex, handcrafted joints. Each connection was hand-cut and dry assembled in our workshop before installation.

At the heart of the structure, the crown post gathers the roof timbers together, transforming a structural necessity into a defining piece of craftsmanship.

Every angle leads towards it.
Every joint contributes to it.

The result is a pavilion that feels both impressive and inviting substantial enough to command attention, yet open enough to remain connected to its surroundings.

The Hickling represents the very best of our work: traditional joinery, considered proportion and exceptional craftsmanship.



The Dorridge



The Dorridge

The Dorridge was conceived as an open structure, but one with architectural presence.

The brief was not to enclose the patio, but to elevate it. To introduce rhythm, proportion and texture without interrupting the openness of the garden.

Traditionally cut from structural green oak, the frame uses tapered jowl posts and interlocking tie beams to create strength through joinery rather than metal fixings. Each connection was hand-cut, dry assembled in our workshop, and inspected prior to installation.

Though open in form, the pergola defines the terrace with clarity. The roof structure casts layered shadows that shift throughout the day, bringing movement and depth to what was previously a flat expanse of paving.

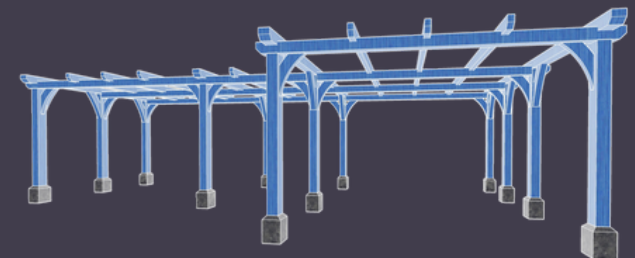
Light filters through the rafters.
Evening sun catches the oak grain.
The space feels grounded yet breathable.

The structure introduces texture without enclosure, presence without heaviness.

As oak matures and silvers, the pergola will continue to soften into its surroundings, becoming part of the property rather than an addition to it.

This is not a bolt-on garden feature.

It is a considered architectural intervention.



The Thorpe



The Thorpe

Commissioned to bring permanence and architectural weight to an established garden setting, The Thorpe Pavilion was designed as a structure that feels entirely rooted in its environment.

The client's brief was clear, a genuinely traditional oak frame, built using proper timber framing principles, not a decorative pergola. The result is a fully jointed green oak structure with tapered jowl posts, interlocking tie beams and hand-cut dovetailed connections, secured with solid oak pegs

Each primary joint was cut, dry-assembled and inspected within our workshop prior to installation, ensuring structural integrity and precision before the frame arrived on site.

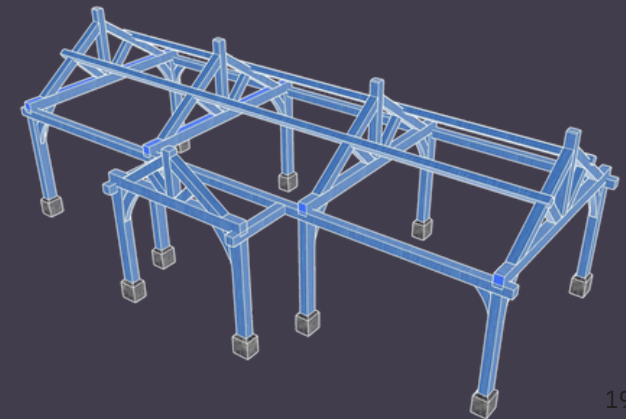
The proportions were carefully considered to create balance within the dining terrace substantial enough to hold presence, yet refined in its detailing. At its centre, a masonry fireplace anchors the space, transforming the pavilion from a fair-weather feature into a year-round architectural room.

As the oak naturally seasons and silvers over time, the frame will settle further into its landscape gaining depth, texture and character.

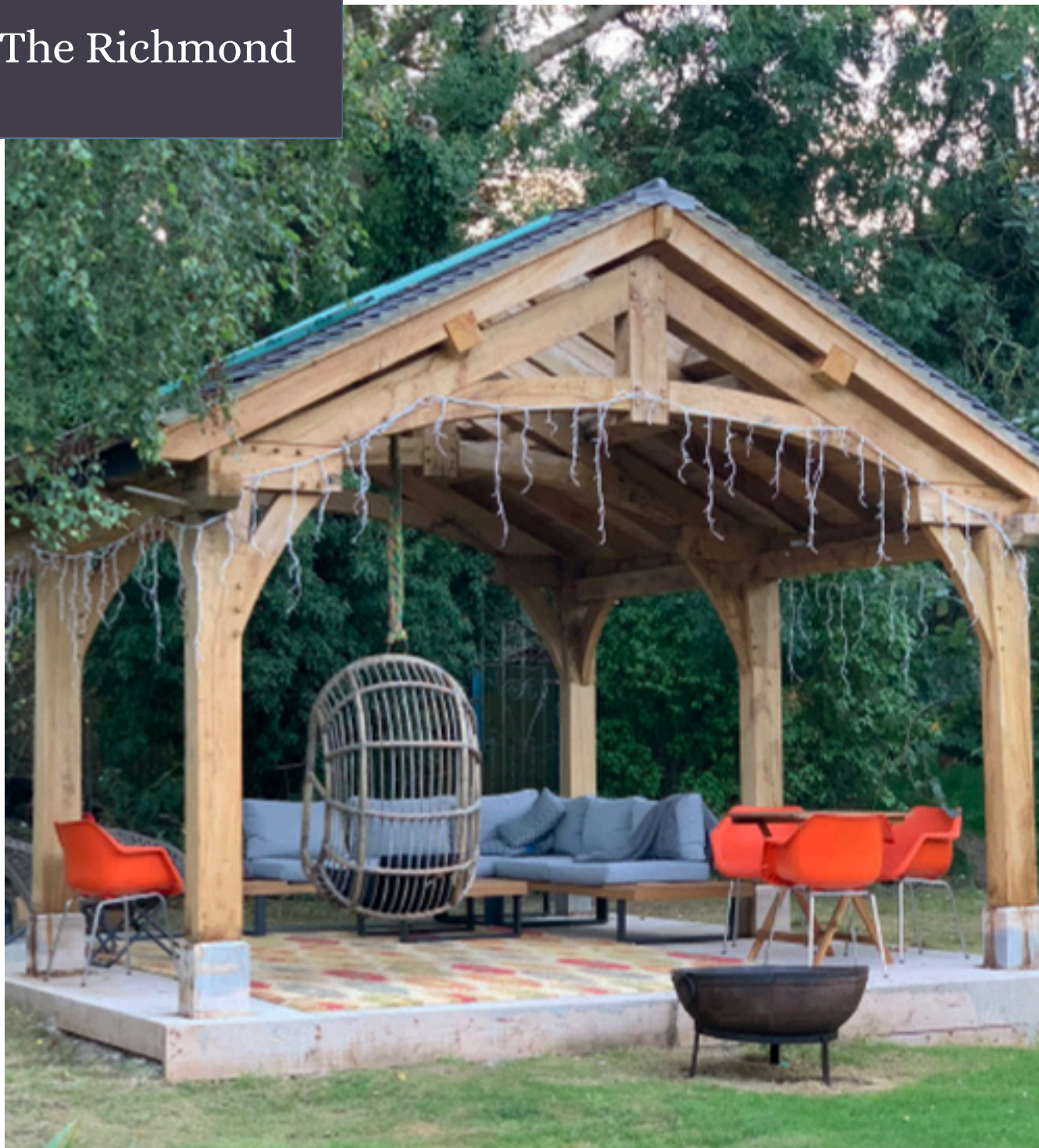
This is not a garden structure.

It is a permanent addition to the property.

A structure designed to outlast trends and generations.



The Richmond



The Richmond

The Richmond sits at the heart of the garden, designed not simply as a shelter but as a place to gather. Positioned centrally within the landscape the structure establishes a natural focal point, it draws movement toward it. And it gives the garden a centre of gravity.

Crafted from structural green oak and traditionally jointed throughout, the frame features sweeping jowl posts that flow into the tie beams, creating a strong yet elegant silhouette. The proportions were carefully controlled to maintain openness while retaining architectural weight.

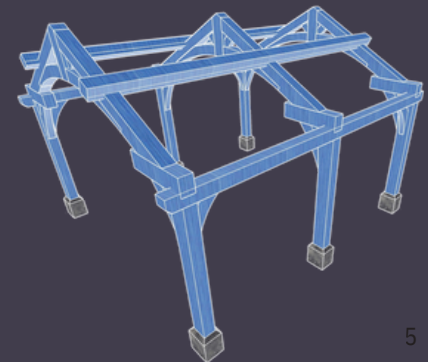
Above, the open vaulted roof gives the pavilion vertical presence. The exposed rafters create depth and rhythm, allowing light to move freely through the structure while maintaining a defined spatial volume.

There are no ceilings.
No unnecessary additions.
Just structure, proportion and material.

The result is a communal space somewhere people instinctively gather. For long evenings. For conversation. For quiet moments at the centre of the garden.

As the oak matures and silvers, The Richmond will settle further into its setting, becoming a permanent architectural feature rather than a seasonal installation.

A structure with presence.
A space with purpose.
Built to endure.



The Lavender



The Lavender

As the oak seasons and the cedar deepens in tone, the structure will only become more settled within its setting.

The Lavender Barn is not a garden accessory. It is an architectural extension of living space.

The Lavender Barn was conceived as an extension of the home, not separate from it.

Rather than creating a free standing garden feature, the intention was to blur the boundary between inside and out. To form a sheltered outdoor room that feels connected, grounded and comfortable in all seasons.

Traditionally framed from structural green oak, the building uses fully jointed construction throughout. Tapered jowl posts rise into interlocking tie beams, with every primary joint hand-cut and dry assembled in our workshop prior to installation.

To one elevation, vertical red cedar cladding introduces warmth and protection from prevailing weather. The contrast between the silvery oak frame and the rich cedar tones gives the structure depth, texture and a more domestic character.

The result is a space that feels enclosed without being closed. Sheltered from the elements on one side.

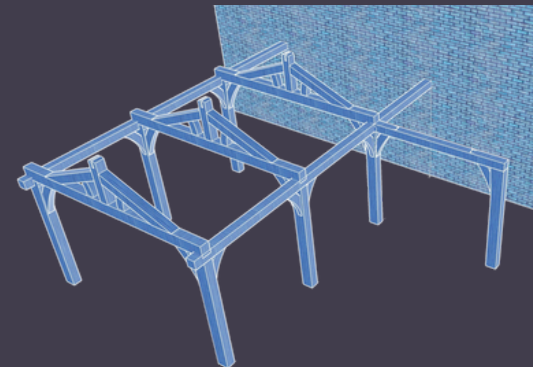
Open to the garden on the other.

An outdoor room with presence and comfort.

The vaulted interior creates volume overhead, while the timber surfaces soften the acoustics and light. It becomes somewhere to sit with family or friends, to dine, to read, to retreat a natural continuation of the home rather than a separate addition.

As the oak seasons and the cedar deepens in tone, the structure will only become more settled within its setting.

The Lavender Barn is not a garden accessory.
It is an architectural extension of living space.



The Knighton



The Knighton

The Knighton was designed as a modest intervention smalling scale, yet precise in execution.

Positioned as a lean-to structure, it sits quietly against the existing building, extending usable space without overwhelming the elevation. The intention was not to dominate, but to refine.

Crafted from structural green oak and traditionally jointed throughout, the frame uses tapered posts and cleanly cut tie beams to create clarity of line. Though compact in footprint, the proportions were carefully considered to avoid heaviness.

The open roof structure allows light to move freely beneath it, maintaining connection with the garden while offering shelter where needed.

There is no excess detailing.

No unnecessary ornament.

Just material, structure and proportion.

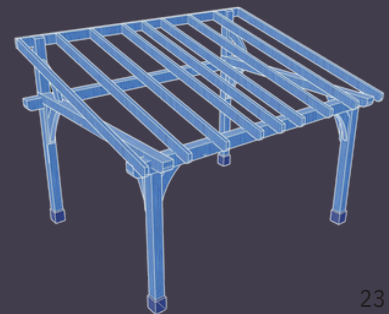
The Knighton proves that scale does not determine presence. Even a smaller frame when properly designed and traditionally constructed, carries architectural integrity.

As the oak matures and silvers, the lean-to will settle naturally into the host building feeling less like an addition and more like it has always belonged.

A simple extension.

A considered structure.

Subtly built to last.



Oak Frames



JMK

Architectural Oak Structures

Signature Concept Series

An exploration in material contrast and permanence.

Built on true timber framing principles sweeping jowl posts, interlocking tie beams and fully pegged joinery the structure remains honest and enduring.

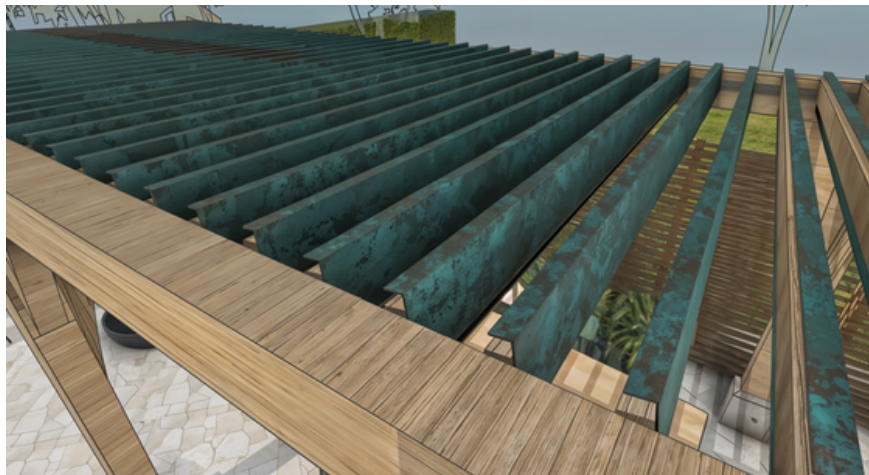
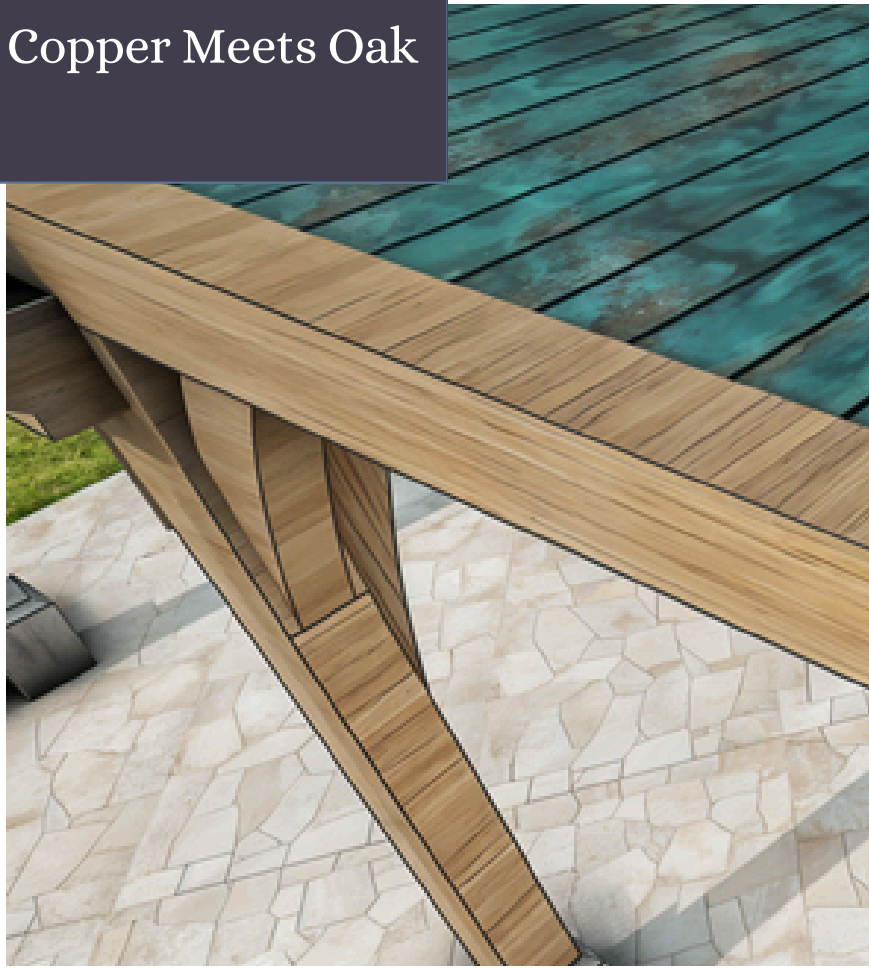
Copper reshapes the roof plane, filtering light and casting controlled shade.

Fresh copper brings warmth.
Overtime, it patinates.
The oak silvers.

Two materials.
One evolution.

A contemporary expression of traditional oak framing.
Available for private commission.

Copper Meets Oak



Architectural Entrances

Make an unforgettable first impression with a beautifully designed entrance, handcrafted entirely in-house by JMK Oak Framing Ltd.

Each entrance is individually designed around a precision-fabricated stainless-steel structure, layered in your choice of kiln-dried oak, walnut, ash or sapele. Full-height glazing, bespoke doors and carefully considered lighting can all be incorporated to create a truly striking architectural feature.

Choose from natural slate, traditional clay tiles, standing-seam copper or individually handcrafted copper diamond tiles for the roof covering.

Designed, fabricated and installed by our own craftsmen, every entrance is completely bespoke to the property and created to provide a spectacular welcome to your home.



Porches







Enquiries regarding new commissions are
welcome.

Email: sales@jmkoakframe.co.uk

Tel: 01164 888 280



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