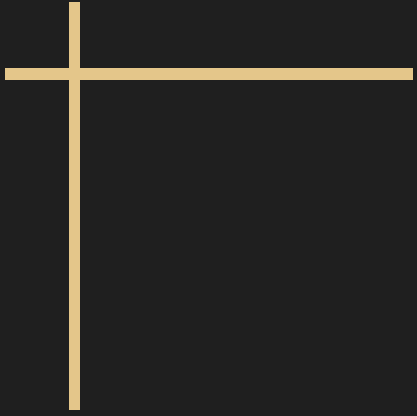




dbstructural

ENGINEERING DIFFERENTLY

Commercial Property



Hello

When I started dbstructural in 2015, I vowed to build a business that allowed me to put my family first without compromising on quality or excellent client service.

Since then our team has grown, and our values have evolved with them. We're all on board. We pride ourselves on finding simple solutions to complex problems, whether the project is a bespoke dwelling, a residential development or a commercial site.

Here are a handful of our projects. Hope you enjoy browsing them as much as we did engineering them.

Thanks for your time,

A stylized, handwritten signature in white ink, appearing to read 'Darren Ball'.

Darren Ball
OWNER

the dbstructural way

Engineers, engineering differently

This is the dbstructural way

We are a design led practice. We listen, we chat, we work collaboratively to engineer in the most practical, most efficient, most sustainable, most exciting ways.

We are...

Vision enablers

With can-do attitudes and a resourceful approach, we engineer for the long term to make visions happen.

Client delighters

Shifting the engineering paradigm, we put your project front and centre, tailoring solutions that deliver lasting value.

Above and beyonders

Doing right by our client family drives us. We're always available, always contactable, always approachable.

Our values

We're not just a team of engineers... we're innovators, creatives, challengers, analysers, critiques and most importantly a family-orientated crew with solid values at our core.



Integrity

People before profit every day of the week. At all costs.



Tenacity

We see every project through and commit to our deadlines, no matter the challenge!



Reliability

With realistic timelines, we add value and do as we say.



Empathy

Every design decision starts with understanding your needs.



Communication

Communication is key and we'll keep you informed throughout.



Family

When you work with us, you're more than a project - you're family.

Thrift Farm Whaddon

Client	Thrift Farm Nursery
Architect	Decade 3 Associates
Project type	Commercial building
Size	6,000 sq/ft
Location	Whaddon, Buckinghamshire
Role	Structural and Civil Engineer

[View online](#)

We delivered structural and civil engineering design for a 6,000 sq/ft single-storey nursery near Whaddon, Buckinghamshire. The steel-framed structure utilised pad and trench fill foundations, suspended beam and block flooring and a butterfly-shaped roof. Civils included redesigning drainage, replacing plans for an underground tank with a biodiversity-enhancing above-ground drainage pond.



Swallow Business Park East Sussex

Project type	Commercial industrial units
Size	9,750m ²
Location	Swallow Business Park, Hailsham in East Sussex
Role	Structural Engineer

[View online](#)

Appointed for this project at Swallow Business Park in Hailsham, we delivered structural engineering for 7 steel-framed commercial units totalling 9,750m². This complex site featured challenging ground conditions with nearby trees. A considered and flexible approach was required with multiple foundation strategies applied to suit conditions across the different units.



G&O

Bedfordshire

Client	G&O Refrigeration
Architect	Andy Campbell, Concept Studio MK
Project type	Commercial steel frame units
Size	185m ²
Contractor	F&W Creamer
Location	Milton Ernest, Bedfordshire
Role	Structural Engineer

[View online](#)

We were appointed as commercial structural engineer on this 185m² steel frame development for G&O Refrigeration in Milton Ernest, Bedfordshire. The project is a commercial steel framed unit that sits tightly between an A-road and railway therefore requiring a considered structural approach and close coordination with contractor F&W Creamer throughout.

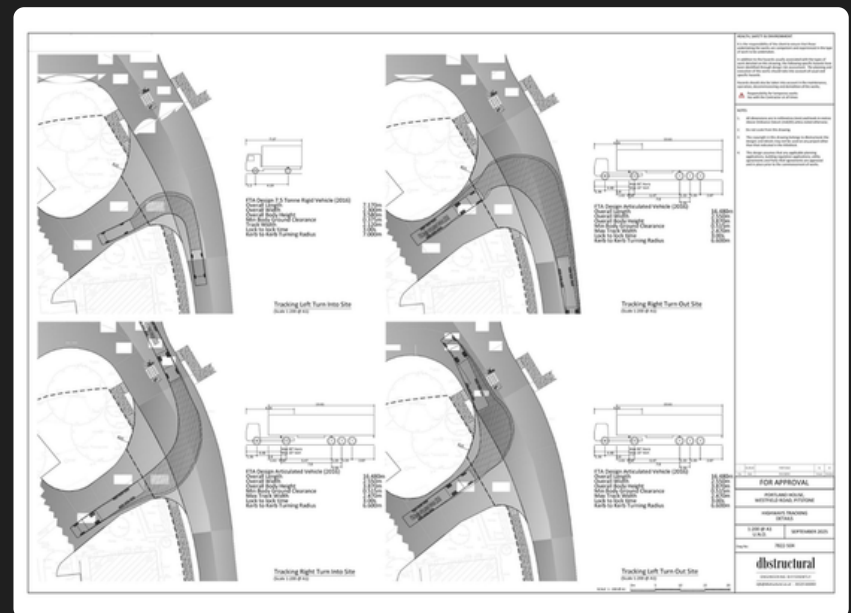
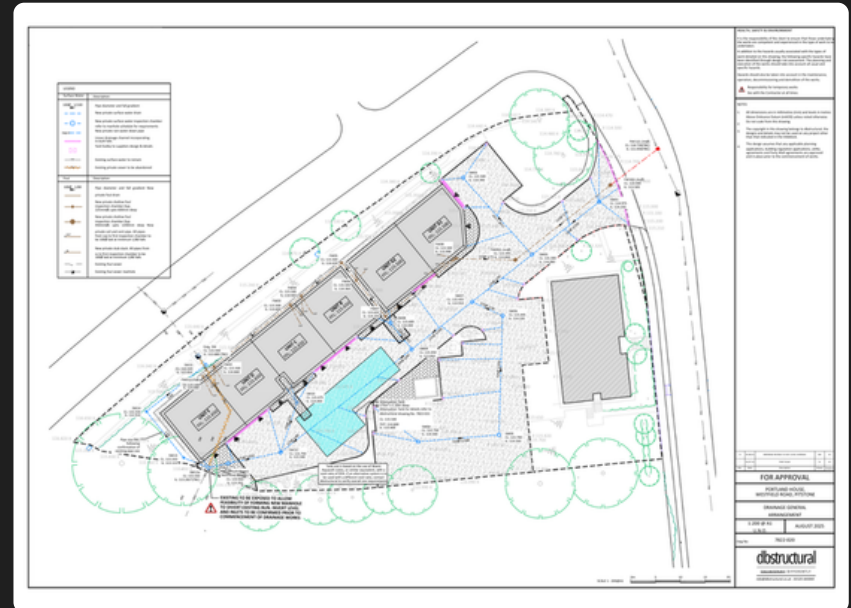


Portland Pitstone

Client	La Foret Property
Architect	Decade 3 Associates
Project type	Commercial industrial units
Size	920m ²
Location	Pitstone Business Park, Buckinghamshire
Role	Structural and Civil Engineer

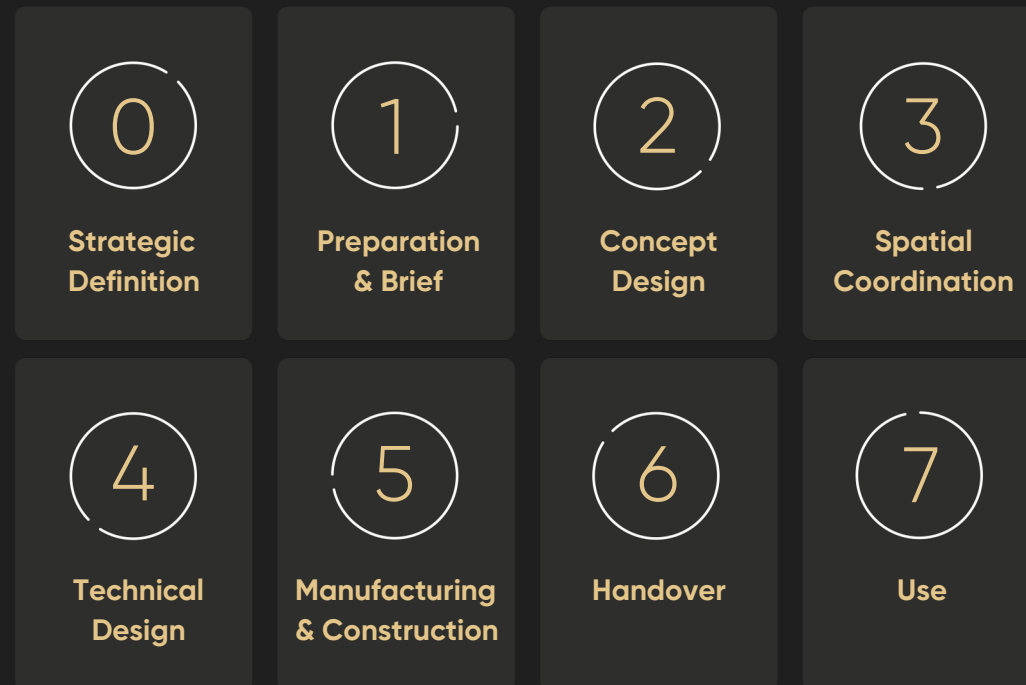
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We delivered structural, civil and highways engineering for two new-buildings over 920m² in Pitstone, Buckinghamshire. Works included foundation and portal frame design with full connection detailing, SuDS drainage and sewer diversions, external levels coordination, and S278 highways agreement. A combined delivery of structural, civil and highways design services ensured a fully coordinated and efficient solution.



How we work

The RIBA Plan of Work defines the eight stages of designing, constructing, and operating a building, providing a clear framework to guide each phase from concept to completion.



Traditionally, structural and civil engineers join a project at stage 4, but we recommend involving us earlier as it has many benefits:

Stages 0-1 | Strategic definition. Here, our engineers can assess project viability and provide technical guidance. We work alongside architects to ensure a design is feasible and achievable.

Stages 2 - 3 | Concept design and spatial coordination. This is where we can value engineer and prevent structural surprises post-planning. We're engaged at this stage to advise and collaborate on the design. We can produce the initial structural framing design and civils schematics.

Stage 4 | Technical design. Collaborating with the architects and other consultants on the final design, we refine and perfect the details.

Stage 5 | Site works. During construction, we're on hand to answer queries about the project as and when they arise.

What our clients say



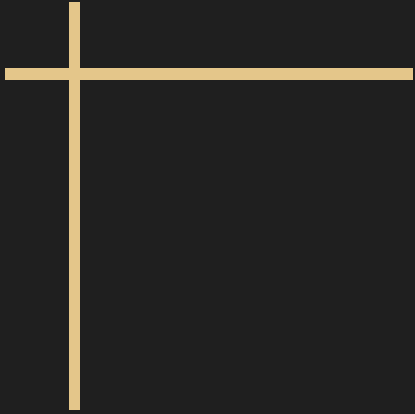
Having worked with dbstructural on numerous projects ranging from extensions to multi-unit schemes, we have always found their team to be professional and approachable. Their combination of structural theory and practical experience results in well-reasoned, rational structural and civil engineering solutions.

Calum Bluck Associate Architect | dp Architects



Working with dbstructural on our steel frame nursery project was an excellent experience from start to finish. Their team provided clear, practical design solutions that made the structural and drainage elements come together seamlessly. Communication was proactive, drawings were delivered on time and their collaborative approach made coordination with our team effortless. The end result was a well-detailed design that made the build straightforward.

Wayne Creamer F&W Creamer (Owner)



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