3b STRUCTURAL STEEL



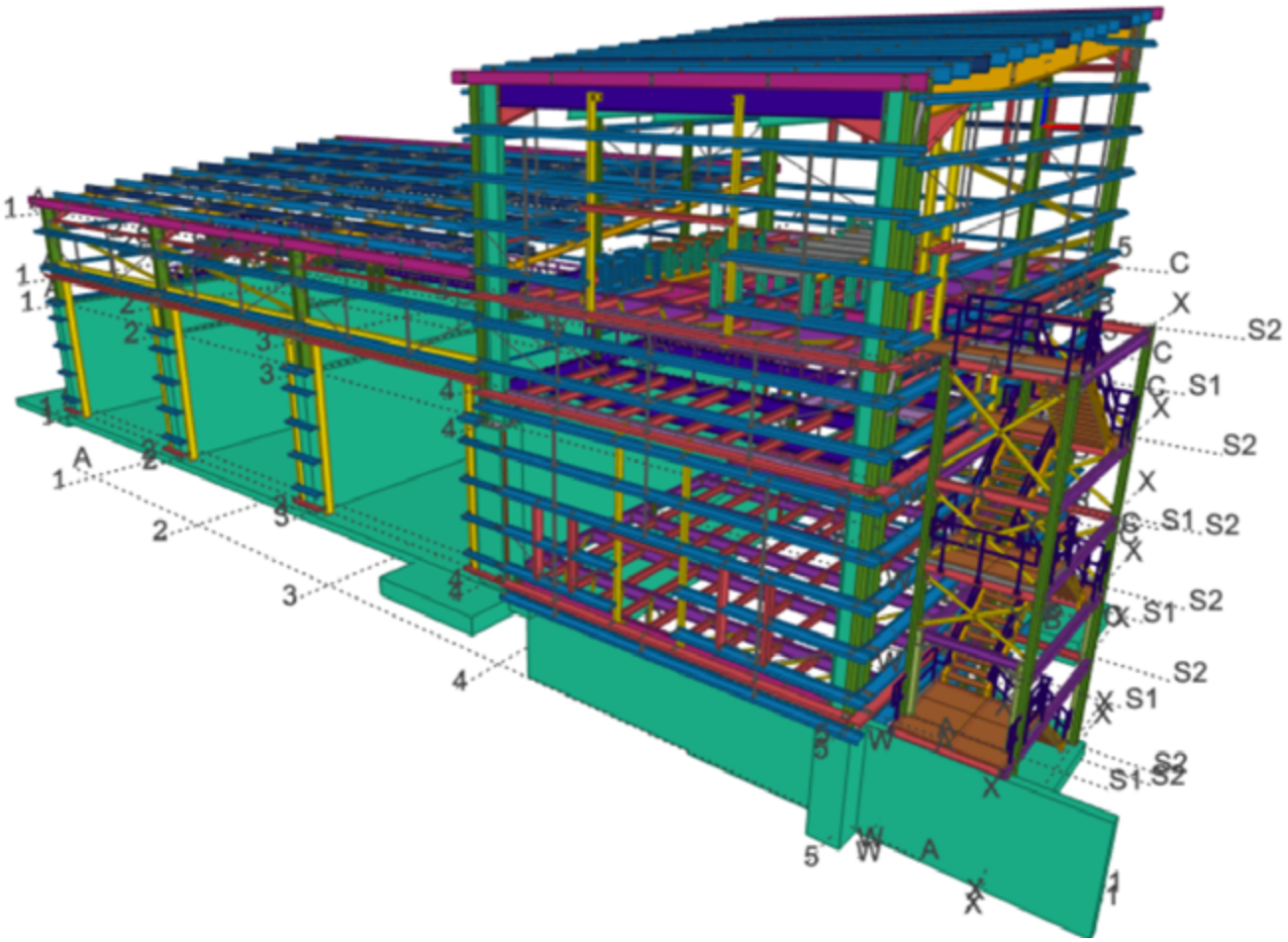
STRUCTURAL STEEL SOLUTIONS. FULLY INTEGRATED DELIVERY.

3b Construction provides a complete structural steel service, covering design, detailing, fabrication and erection across a wide range of sectors. Our experienced in-house design team uses Tekla 3D modelling to ensure accuracy, coordination and buildability from the earliest stages of a project. Operating under our Factory Production Control System and certified to CE Marking Execution Class 2, all steelwork is fully compliant and quality assured.

We deliver projects ranging from manufacturing facilities, bonded warehouses and bulk storage buildings to food production facilities, marine workshops, visitor centres, maintenance platforms and bespoke residential properties. Our portfolio also includes structural steel bridges, access stairs and platforms, chemical processing buildings and specialist industrial structures, demonstrating both versatility and technical capability.



Access stairs



Structural steel modeling



Dropsorter installation carried out by 3b construction in conjunction with the Austrian supplier prior to cladding the building



Bonded warehouses on Isle of Harris

Our capability extends beyond fabrication. Steel frames are delivered using our own transport fleet and erected by our in-house teams, supported by our Crane Hire Division. We also provide cladding and associated works, with additional support available from our Building and Civils divisions where required. Wherever possible, we adopt off site manufacturing and pre assembly strategies to simplify site operations, reduce interfaces, improve safety and enhance quality. This approach shortens programme and provides clients with a practical, value driven solution.



Barnkirk Manufacturing Facility with Offices



Bonded warehouses on Isle of Harris



One bay of a 4 bay bulk storage warehouse for Associated British Ports



Bridge Construction

We operate throughout the United Kingdom and Ireland, working across a range of procurement routes including design and build, negotiated contracts, two stage tendering and framework agreements. Our construction teams are supported by an operationally focused head office, ensuring strong technical oversight and effective project management. As a family owned business, our reputation is built on reliability, accountability and long term relationships. We do what we say we will, and we deliver it safely, efficiently and to the required standard.



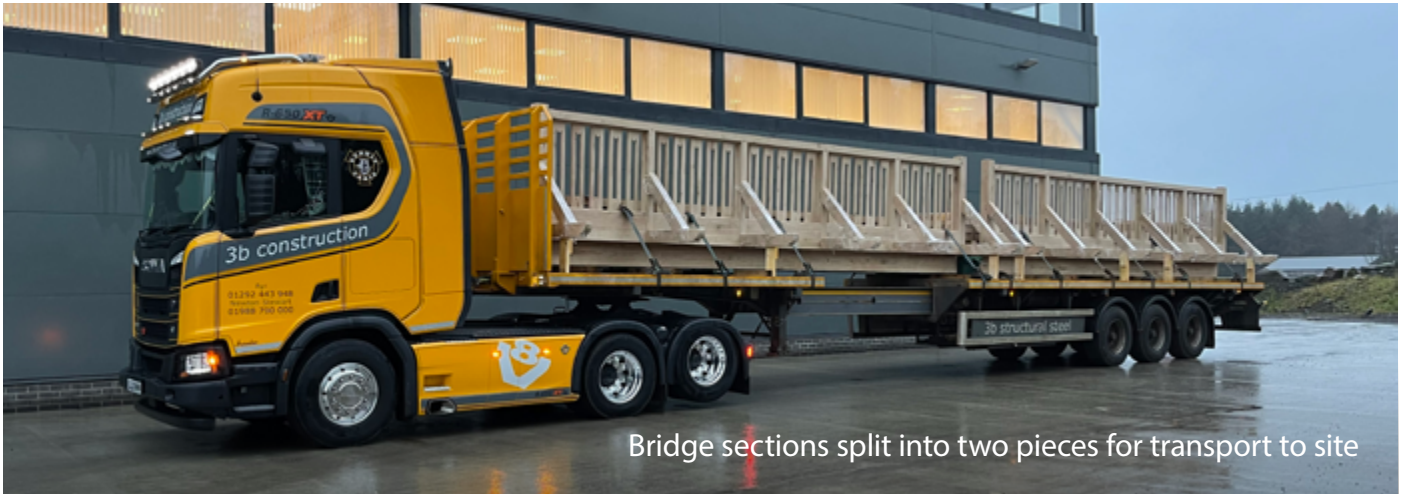
Bridge sections completed ready for teh joinery workshop to install the oak timber



Bulk storage warehouse, Ayr



Bulk storage warehouse, Ipswich



Bridge sections split into two pieces for transport to site



Chemical Mixing Building



Hebridean-Seaweed



Hebridean Seaweed factory, Isle of Lewis



Dropsorter building with emergency escape stairs



Factory & office building construction



Dropsorter building, Fermoy, Ireland


Food safe meat factory



Marine workshop, Stornoway



Raised platorms within building



Four Winds Residential House



Kiroughtree Visitors Centre



Dropsorter building, Fermoy



Maintenance access platfom with stairs



Raised platorms within building



Steel fabrication



Steel fabrication working in conjunction with our joinery workshop to construct an outdoor lounge canopy



Reclad of existing building



Marine Workshop, Stornoway



Steel fabrication



Steel fabrication



Steel fabrication



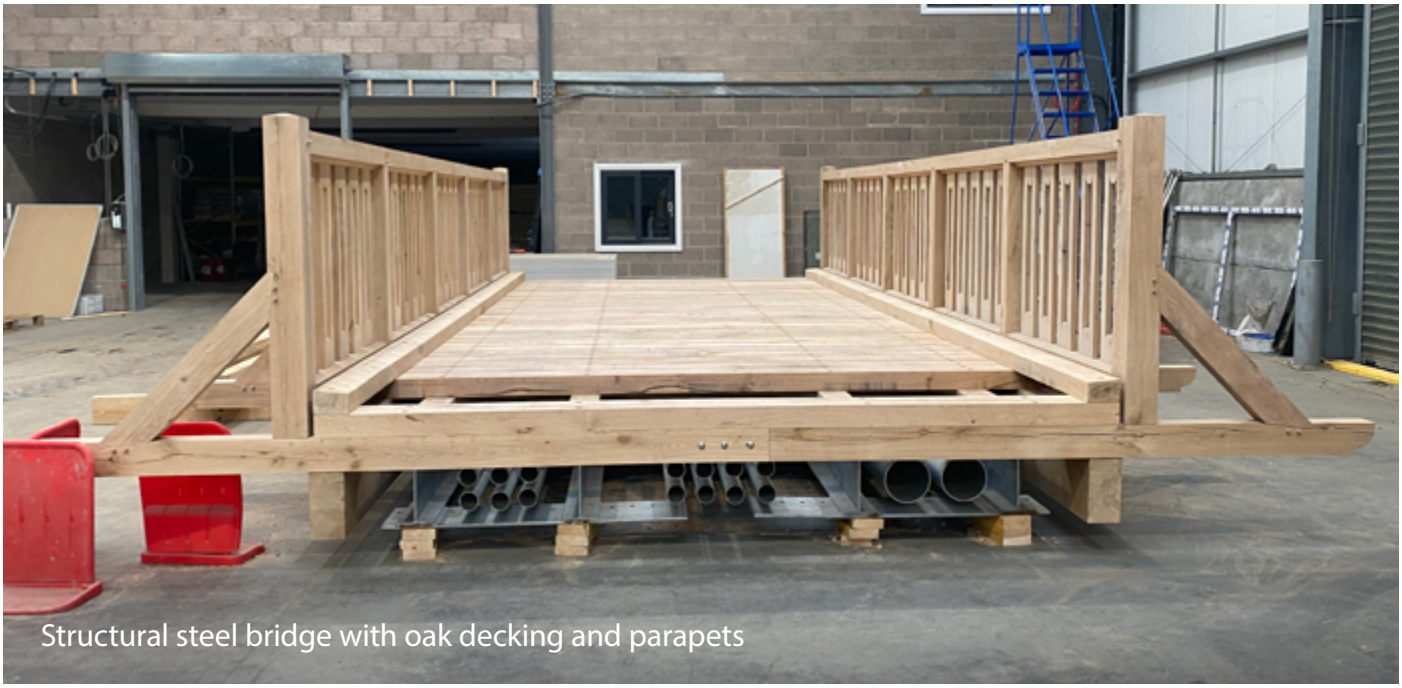
Truck Maintenace Workshop



Troon CHP



Kerr & Smith Workshop


Structural steel bridge with oak decking and parapets



Various buildings constructed for Troon CHP



Steel framed building erection



Waste Seperation Building

OUR CLIENTS.

Our success can be measured on our ever-growing client list



ACCREDITATIONS

ELITE CHAS®

Constructionline Gold Member

veriforce® CHAS® Compliant Contractor

Assessed by a SSIP member scheme SSIP For validation please see www.ssipportal.org.uk

SAFECONTRACTOR.COM SafeContractor™ APPROVED

Constructionline Silver Member

QUALITY CERTIFIED isoassured ISO 9001

ENVIRONMENTAL CERTIFIED isoassured ISO 14001

SAFETY CERTIFIED isoassured ISO 45001

3b

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