

Data Driven. Experience Informed.

Grayvolf®

WE START & END WITH SAFETY

The safety and well-being of our employees is the most important responsibility that we have as a company. We ensure our employees return home the same way they left, unharmed.

By involving our inhouse safety department before we provide an estimate, our safety plan is considered from day one and adhered to the projects last day through a project-based data informed dashboard that enables a predictive safety environment.

Our goal is to eliminate all worksite incidents.



14 fabrication locations 6 field yards 7 offices across the US
850 highly skilled modeler & detailers 1000+ Available craft labour
2,500,000+ man-hours annually 450 weld procedures on record





We are builders first

From nearly half a century of being builders, we have come to believe that the traditional construction model fractures shared knowledge and a project's continuity.

We believe there is a better way.

THE NEXT GENERATION IN PROJECT DELIVERY

We are a world leading construction company that provides solutions for your asset's lifecycle from design through to fabrication, construction and facility management. By integrating and leveraging both the construction and technology expertise held across our family of companies, we are uniquely positioned to deliver a de-risked end to end solution to both industrial and commercial construction markets.

Building upon a foundation of world class technologies and model-based workflows we manage the evolution and utilization of critical data from early design through to an operating asset.

This end to end capability allows us to inform project execution strategies that optimize how projects are delivered that eliminate waste and risk typically experienced in the transition between design to construction and construction to operations.



Preconstruction

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Fabrication

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DATA DRIVEN

Modularization

Construction

Facility Services



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CONSTRUCTABILITY PLANNING & DIGITAL WORK INSTRUCTIONS

From our models, we develop animations and digital work instructions to confirm a comprehensive understanding of our execution strategies, ensuring safety and efficiency in everything we do.

CLASH & ISSUE RESOLUTION

We don't just utilize the model for clash detection, we use it to track and resolve project related issues, design considerations, RFIs and more and present them in an easily digestible format for executives and managers.



MODELING FOR FABRICATION, INSTALLATION & MAINTENANCE

Our deep expertise in all project phases allows us to inform designs and incorporate options that will positively impact all downstream processes, from fabrication, modularization, transport, installation and ultimately maintenance.

MODULARIZATION

Our combination of design and construction experience allows us to inform modularization opportunities that optimize constructability while driving costly labor out of the field.

SCHEDULE & MODEL INTEGRATION

Activity ID's and WBS data is structured by our project controls teams to map directly to the model allowing us to scenario plan and visualize the impacts of change.



Gain visiblity.

Derisk your project with model-based workflows.

DIGITAL TWINS

Model utilization does not end with construction. We have developed the systems and procedures required to evolve the 3D model into a digital twin for use in operations. Combining these technologies with real-time asset data allows our embedded maintenance staff to optimize the operation of your facility and ensure predictability with all maintenance activities.

MODEL-BASED WORK PACKAGING

By leveraging model data and connecting it to other critical project documentation, our model-based work packaging allows our project teams to identify and execute scopes of work as efficiently as possible

MODEL-BASED STATUS TRACKING AND REPORTING

We capture data throughout the entirety of the model lifecycle, from design through fabrication into construction and ultimately operations.

LASER SCANNING & BACK-MODELING

Utilized on both brownfield sites and new builds, laser scanning allows us to capture existing conditions and validate against the model to mitigate variation risk.



Starting with the end in mind our multi-disciplinary team of experts resolves project challenges before they have an opportunity to develop. By leveraging 3D models and our purpose-built technologies, we take disparate data sets and transform them into critical management tools allowing for early yet informed decision making that ultimately mitigates project risk while expediting schedule.

- + Digital Engineering
- + Modeling & Detailing Services
- + Estimating

- + Design Assist + Scheduling, Budgeting and Project Controls
- + Constructability Planning
- + Complex Logistics Planning
- + Procurement



CONSTRUCTION SERVICES

Our sizable and diverse labor force ensures we are always prepared to service any project needs. We have developed industry leading internal training facilities and programs to develop and maintain the quality and safety of our craft workers. Coupled with our model-driven abilities to plan work, we have the optimal combination of people, processes and technologies to deliver any project.

- + Civil
- + Structural Steel



Our decades of construction and fabrication expertise, combined with our nationwide network of fabrication facilities and specialty contractors, ensures we are best placed to deliver projects of any scope or scale. With safety underlying all fab and erect decisions, we continuously seek to optimize shop time and develop strategies to drive hours out of the field.

- + Tanks & Vessels
- + Structural Steel

+ Heavy Plate & Misc + Piping

+ On-Site & Off-Site Modularization





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- + Roll Alignment
- + Motor Alignment
- + Potline Maintenance
- + OH Crane Maintenance

- + Equipment Installation
- + Piping
- + Field Erected Tanks & Vessels
- + Electrical & Instrumentation

- + Furnace Maintenance & Rebuilds

- + Pipe Rework
- + Fluid & Grease Maintenance
- + Alignment Checks
- + Structural Modifications
- + Burner Inspection/Modification

- + ASME Welding
- + Facility Management
- + Shutdowns & Turnarounds
- + Relocation & Commissioning

Project experience























Invite GrayWolf to join your team early in the process to gain visibility and de-risk your project with our end to end expertise.

HEADQUARTERS

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