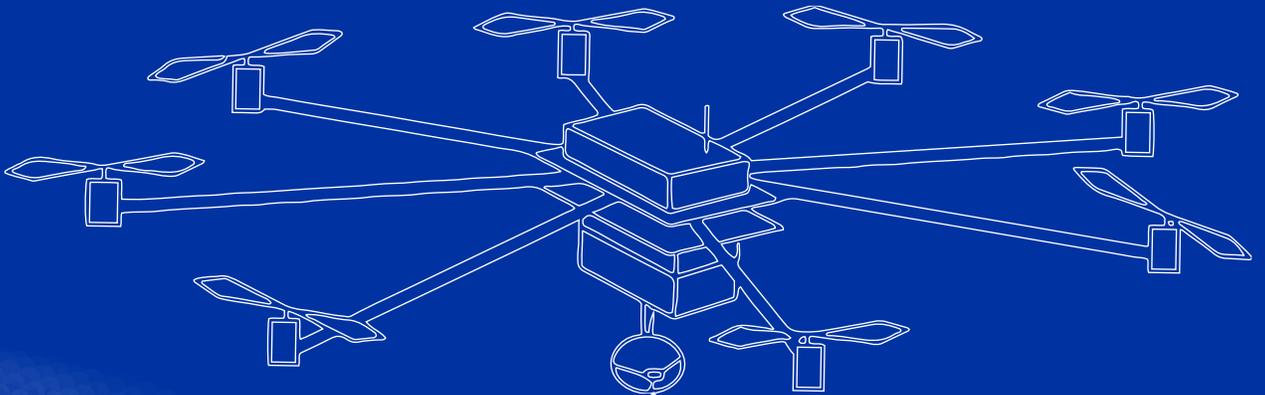


EDWARDS

Pioneering Precision in Construction:

UNRIVALED EXPERTISE MEETS UNPRECEDENTED
INNOVATION FOR EXCEPTIONAL PROJECT DELIVERY

with Edwards Construction Group



**EDWARDS
CONSTRUCTION
GROUP**

License No. 1057451

2045 Preisker Ln. Ste A
Santa Maria, CA 93454

805.335.1161
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Unrivalled Expertise, Unprecedented Innovation

At the heart of Edwards Construction Group lies a dynamic team of industry professionals, each a master in their respective domain. Our management team is a fusion of talented engineers, meticulous project managers, and skilled craftsmen, all collaborating seamlessly to ensure projects not only meet but exceed expectations in terms of efficiency, quality, and timeliness.

Leading the charge are the principles and business owners, brothers Ryan and Brad Edwards. With a combined experience of 50 years in the construction arena, their leadership, coupled with the collective expertise of our additional executives and project managers spanning numerous decades, solidifies our place as industry front-runners.

What sets our team apart is not just their prowess in hands-on construction but their knack for creative problem-solving and the embrace of advanced technology. Many of the innovative instruments and tools we utilize have been ingeniously engineered in-house, enhancing our capabilities throughout the construction lifecycle —from pre-construction and constructability review to the final construction phases.

Beyond Measuring Twice

DEEP ANALYSIS BEFORE EVERY CONSTRUCTION ENDEAVOR

Just as the seasoned craftsman abides by the age-old adage, "Measure Twice, Cut Once," ensuring precision before making irreversible decisions, Edwards Construction Group believes in the amplified wisdom of this principle when approaching major construction endeavors. Yet, we don't merely measure twice — we analyze, re-analyze, and refine. Translating this time-tested wisdom, we have evolved it into a sophisticated, experience-driven, and technology-enriched methodology that doesn't just meet industry standards but sets them.

Unlike many in the industry who limit their preconstruction services to basic estimating and cost analysis, Edwards believes in a holistic and detailed approach that fully prepares projects for the construction phase. This unparalleled commitment positions Edwards Construction Group not just in line with major organizations, but as a trailblazing leader, turning every challenge into an opportunity for excellence.

Preconstruction Services

PRECONSTRUCTION PLANNING

Every endeavor with Edwards begins with an intensive planning phase. We engage in collaborative meetings with the owner, architects, engineers, consultants, vendors, and every stakeholder involved. This ensures that each project is initiated with a unified vision and purpose.

CONSTRUCTABILITY REVIEW & SPECIFICATION COORDINATION

With the involvement of project managers and superintendents early on, we scrutinize designs, schedules, and specifications. This early engagement assures that materials and processes align with the standards set by the owner, architect, and governing bodies.

SCHEDULING AND PHASING

Using a master critical path methodology, we design a comprehensive schedule that factors in every significant and minor task, ensuring timely completion without compromising on quality.

BUDGETING

Each design milestone is supported by extensive budget exercises, leveraging our in-house estimating database that reflects current market values on materials and labor.

Technology Forward

SOFTWARE, MACHINE & TEAM INTEGRATION

Leveraging cutting-edge technology, Edwards provides a holistic, collaborative, and efficient approach to building. Both our pre-construction and construction stages are carefully managed through ProCore, a web-based collaborative project management software, that facilitates real-time information sharing among all stakeholders, enhancing transparency and accuracy.

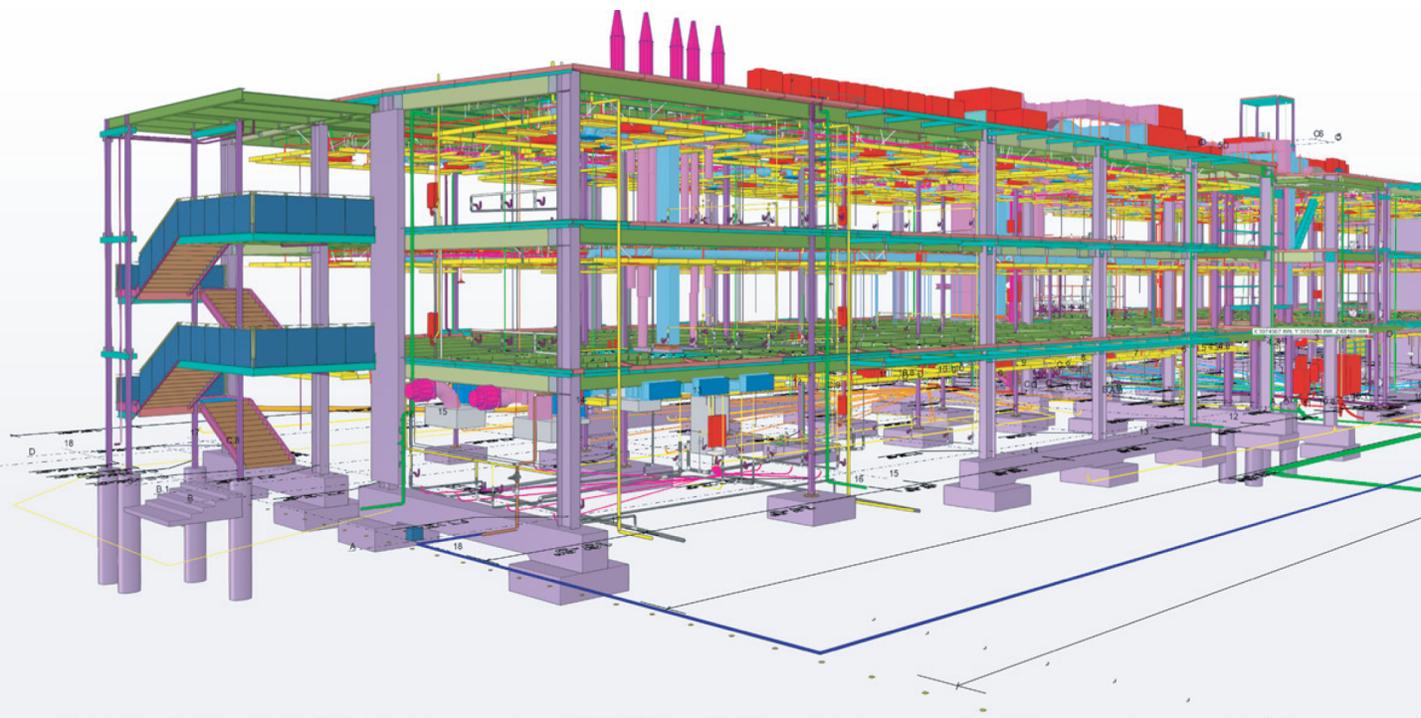
Our robust Virtual Design Construction (VDC) department utilizes advanced design software for 3D modeling, transforming abstract blueprints into precise, parametric models. This technology allows us to virtually construct critical elements of the building process beforehand, identifying and rectifying any potential clashes, thereby ensuring a smooth and efficient on-site construction process.

In-field, our teams employ iPads equipped with software enabling real-time interaction with the 3D model as well as all other project materials. Complemented by software-guided machinery, we transmit data directly from the office to operating machines on-site in real-time, optimizing workflow and accuracy.



Meet Spot!

Edwards' Autonomous sensing and inspection robotic four-legged friend. Spot helps us to accurately capture limitless data, survey site conditions at every phase and mitigate design and construction errors from the very start.

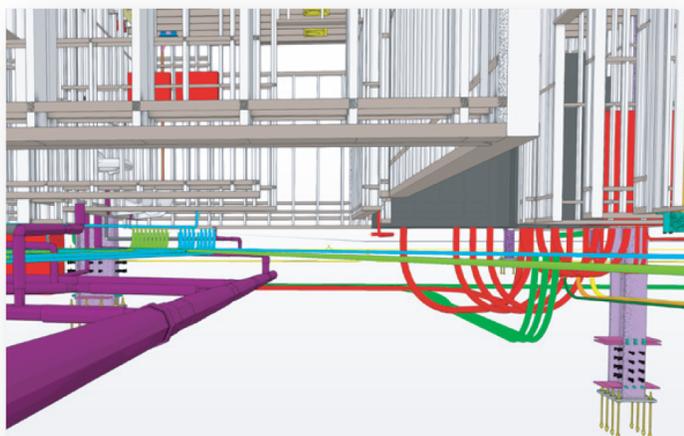


COLLABORATIVE BIM MODELING & VERIFICATION

We enforce a high degree of professionalism and sophistication amongst our sub-contractors, often necessitating the ability to utilize Building Information Modeling (BIM). By conducting weekly clash tests, we pre-emptively resolve issues, bolstering the collaboration and efficiency of our teams.

Furthermore, our BIM Verification process ensures accountability, using point clouds to cross-check the accuracy of the constructed elements against the pre-build BIM. This stringent quality control mechanism results in significant time, cost, and quality benefits.

Finally, our technologically advanced methodology offers the option to create a full 'digital twin' of the constructed building. This digital replica can provide owners with invaluable data for future building management, development, and maintenance. Notably, our vast technology stack includes capabilities with Microsoft HoloLens for mixed reality visualization, BlueBeam, and Revit for document review, and TRIMBLE for laser scanning and drone photogrammetry, among others.



BIM VIRTUAL BUILDING

BIM Modeling & Microsoft HoloLens

GETTING CREATIVE WITH EDWARDS' TECH IN THE FIELD

Once we've gone through the BIM modeling process and created a full digital twin, we can access the project in an unbelievable new way using Microsoft HoloLens for mixed-reality analysis, pre-construction and construction insight, collaboration, and even to **generate excitement amongst backers, donors and key stakeholders.**

The Microsoft HoloLens is a mixed reality (MR) device that overlays digital information and 3D models onto the physical world. It can be used in tandem with Building Information Modeling (BIM) to greatly enhance understanding and decision-making during the design and construction process. Here's how it works:

PRE- AND ON-SITE CONSTRUCTION

On the job site, the HoloLens can overlay the BIM model onto the physical space, showing where structures and systems should go. This can greatly improve accuracy and efficiency, helping to catch potential issues early on. For example, a worker could "see" where a pipe should go in relation to the current physical structures. The HoloLens can also be used to compare the as-built work with the BIM model in real time, making it easier to maintain quality and accuracy. Any necessary changes made can be seen in real-time by all parties, greatly improving communication and coordination among different teams, reducing misunderstandings and rework.



Communication & Data Management

FULL ADOPTION OF PROCORE SOFTWARE ACROSS TEAMS

Our teams maintain an open line of communication with project owners and its stakeholders throughout the duration of preconstruction and construction phases. Likened to an agile methodology, our team organization and coordination, meeting schedule, and reporting and adaptation processes are living, breathing processes that keep each team member abreast of and able to adapt to daily project conditions. This project development and management methodology, coupled with data management and communication technology, such as ProCore, affords owners and stakeholders with on-demand insight into and control over the project.

Edwards Construction Group believes that "Communication is Documentation."

Our team records critical data points throughout the project within ProCore and other construction data management software to make tangible proof of every agreeable instance of design, pre-construction, construction, and post-construction. This methodology provides a practical safety net of assurance that owners and stakeholders can use to stay informed and navigate through the real-world and complex development of a once conceptual project, together with your Edwards Team.

DOCUMENTATION MANAGEMENT IN PROCORE

Edwards collects and manages all project documents, including submittals, RFI's, progress billings, change orders, etc. using ProCore. ProCore provides each team member, as well as project owners, the ability to access important information that is not only current, but also reliable and accessible on any device. All construction documents, including drawings and specifications are stored and accessible through ProCore cloud management software.

In addition to these critical documents, ECG manages the following items and processes in ProCore Cloud Data Management software and ensures that each are reviewed consistently, across teams:

- All correspondence
- Schedules
- Meeting minutes
- Payment requests
- RFIs
- Project development
- Bidding
- Construction progress
- Potential issues
- Upcoming activities
- Critical path and long lead items

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