

CLARK PACIFIC'S IN-HOUSE PARKING DESIGN SERVICES



Clark Pacific's Design Assist services is an in-house all service parking structure design team that focuses on one thing only – parking structures. We make parking design our priority as our team owns the design through manufacturing to client handover. We focus on an efficient layout then the aesthetics before entitlements, saving time and money, preventing owners from getting locked into a design that is out of budget.

How we are different from other parking structure designers is that we design to the product, PARC vs designing a structure and then figuring out how to build it. Our team is integrated in with the product and manufacturing teams ensuring the highest quality, most efficient parking structures are designed and delivered for our clients.

OUR SERVICES INCLUDE:

- Site Analysis
- Site Planning
- Parking Consulting Design (Conceptual through Construction Documents)
- Architect of Record
- BIM/Revit Platform Navis Works/Clash Detection
- Renderings/Animation/VR Drone footage
- 3D printing services
- BIM360*



A DESIGN FOR MANUFACTURING APPROACH

Over 80% of Clark Pacific's business involves Design-Build and Design-Assist projects, we believe this is a proven and effective approach to project delivery utilizing prefabricated building systems. Our approach follows our standard design process to ensure Design for Manufacturing and Assembly (DfMA) best practices. Our design team collaborates with product management, manufacturing, logistics crew and our erection experts to leveraging the most efficient manufacturing process to develop the most efficient solution and delivery.

COST AND SCHEDULE CERTAINTY

Our offsite manufacturing approach reduces overall project risk through improved cost and schedule certainty. While work is being completed the structure is being manufactured with more precision and quality in the plant. The structural elements are stored nearby until needed on the jobsite, reducing or eliminating the area needed for laydown. Because Clark Pacific designs for manufacturing the price is determined and set before manufacturing begins. It's estimated that our pre-engineered approach and manufactured solutions significantly reduce the delivery of the structure by 30-40%. Fabricating components off-site while site work progresses, and components delivered as needed saves time and reduces site impacts. Combining our site logistics study and our just-in-time delivery method also speeds the rate of construction.



Using our PeaceTracker system, we track every component that we manufacture through transport, staging and erection in sequence and according to schedule. Based on our site plan, the components and our trucks are staged nearby and dispatched as the components are needed for erection.

BENEFITS OF PREFABRICATION

- With offsite construction, work is performed by fewer workers and in climate-controlled factory settings. Offsite construction allows skilled craftsmen a safer and more productive place to do their job; quality can be monitored and guaranteed throughout the production process.
- Minimum laydown area is required which is ideal for tight construction sites, eliminating most formwork on site. Offsite construction Reduces construction waste and traffic and allows for early identification of opportunities for schedule compression.

COST REDUCTION

- We are confident in saying that our in-house design services can drive the cost of the parking structure down by 5%.
- Through the design, manufacturing, self-perform and direct control of Design Build trades, we control more than 90% of all the associated costs in delivering the parking structure. This is how we can guarantee an early competitive price and delivery schedule.



Contact us to start designing your next parking structure
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