

DOUBLE CANTILEVER

POWER YOUR PARKING

With Quest Canopies, EPCs can reduce the number of days on-site, increasing throughput, reducing overhead, and limiting disruption to parking lot operations. On-ground assembly of the system allows for a faster, safer, and higher-quality construction process. All systems such as panels, DC electrical, and lighting are installed at the ground level, prior to lifting the pre-assembled truss into place.

Our construction process is not only safer, but also faster due to 90% of the assembly activity taking place at ground-level. Total assembly requires less heavy equipment such as forklifts and ladders, which are the most common causes for injuries on site.

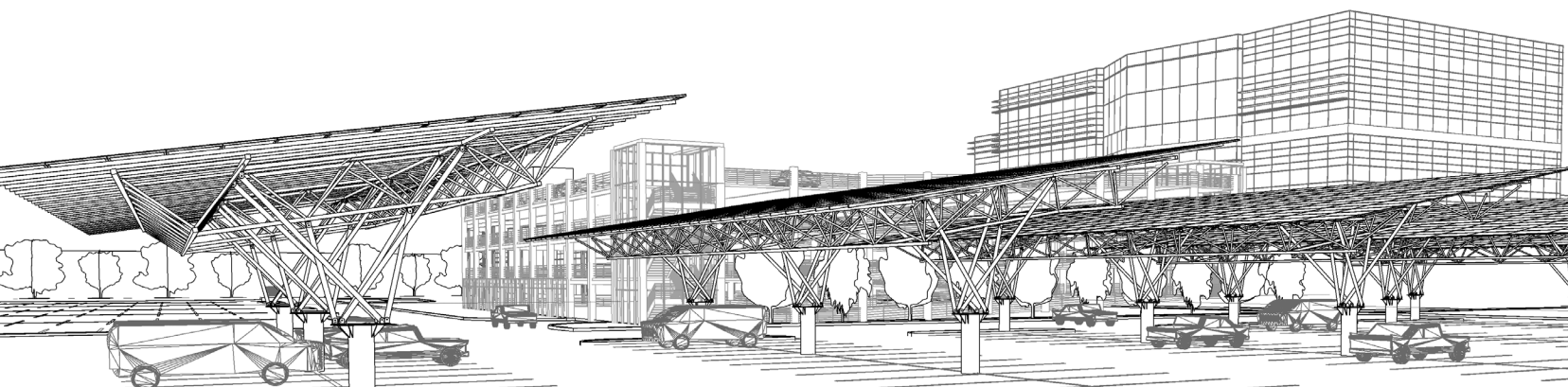
In addition to the construction benefits, site owners benefit from Quest Canopies' modern and durable space frame architectural designs. The Double Cantilever is more than just a solar canopy; it seamlessly integrates as part of the landscape, creating an outdoor space that enhances any commercial property. With its industry-leading aesthetics and ground assembly technology, the Quest Canopies Double Cantilever meets the requirements for the highest snow and wind load environments across the country.

**TURNKEY INSTALLATION
SERVICES**

**FASTER INSTALLATION CAN
LOWER PROJECT COSTS**

**LOWER RISK,
GREATER SAFETY**

**OPEN, ARTISTIC
ARCHITECTURAL DESIGN**



TECHNICAL SPECIFICATIONS

Length	60'-133'
Width	42'-49'
Max Height	25' to top of modules
Standard Clearance	13'6"
Span between foundations	40'+
Cantilever	N/A
DC Capacity	varies by module
Wind Load Capacity	designed and tested for 150 mph winds
Snow Load Capacity	designed and tested for 60 psf snow
Standard steel coating	G90

TESTING/CERTIFICATIONS

Installation time and motion testing	Yes
UL 2703 Bonding and Grounding	ETL Intertek

OPTIONAL PACKAGES

Snow management
Rain water collection
Inverter mounting
Lightning
Marine environments

INSTALLATION SERVICES

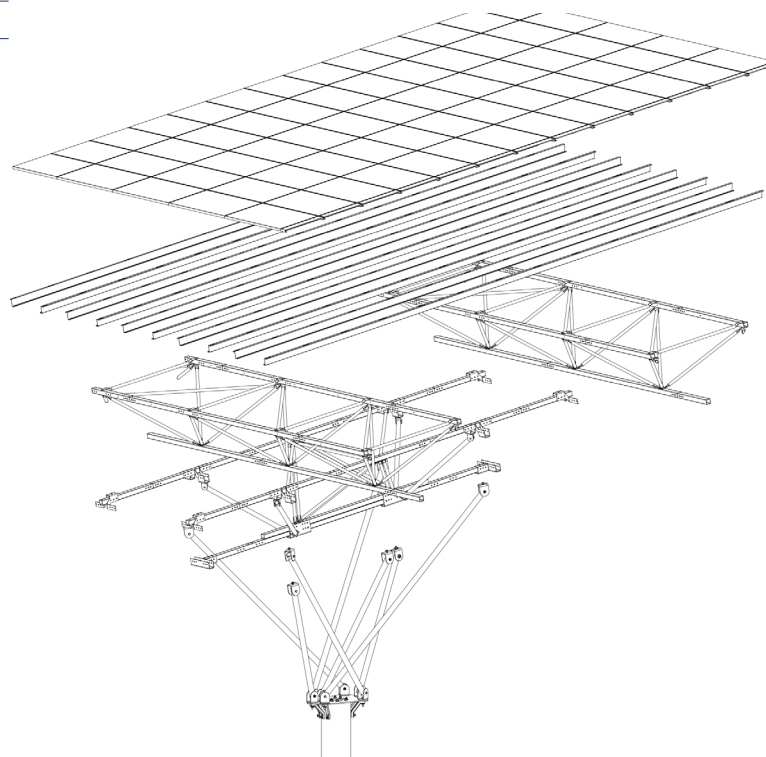
Construction plan sets
Turnkey installation
Stamping services in 50 states
Construction training and management

FEATURES AND BENEFITS

Maximum capacity	enables high density canopies over parking with low foundation count
Speed	faster than industry average due to ground construction
Safety	higher due to 90% ground assembly
Labor efficiency	acceleration of BoS installation

MISC

Foundations/MW	typically 30% < compared to commodity canopies
Warranty	10-year



The details contained in this document are estimates based on our experience. If you have a specific contract in mind, please contact us for customized technical specifications.

Quest Canopies partners with our customers to create highly aesthetic solar racking solutions that maximize project performance, eliminate waste, and allow entry into new markets.

Our commitment to optimizing the total installation process results in more satisfied developers, contractors, and site owners.

Made in the USA

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