

# Driven by Form and Function

Parking Facility  
Expertise





## Your partner in making parking facilities better

Parking garage facilities have evolved from boring to bold architectural statements, providing beauty as well as a place to park your car. Two important considerations for parking facility designs are their operations and maintenance. Parking facilities face ongoing issues due to heavy traffic, constant movement, and environmental conditions. CS has developed architectural product solutions that are weather resistant, easy to maintain, and easy to install, and can endure natural shifting and considerable horizontal and vertical movement for years to come. We provide innovative solutions for complex building challenges in multi-story parking structures. Helping you create and operate a successful parking facility is our specialty.

# What our partnership means:

We're more than building product manufacturers—we're dedicated collaborators. With over 70 years of experience working with architects, designers, engineers, facility managers, building owners, suppliers, and installers, we've been there through the challenges. We've presented solutions. From custom product development to project management and on-site installation support, we're contributing to better parking facilities.



### Local Resources

Company representatives in your community for immediate support



### Installation Support

On-site consultations for project-specific preparation and troubleshooting



### Technical Expertise

Experienced teams provide custom-engineered solutions



### Design Assistance

Product solution development at any stage of the build process



### Project Management

Devoted operational support and information sharing to furnish complex project deliverables



### Collaboration Throughout the Process

Partnership from the beginning with your internal teams and other industry partners



### Sustainability

Environmentally mindful products backed by third-party certifications for clean, sustainable building design



### Product Superiority

The highest quality, longest lasting, and most customizable architectural building products in the industry

## CS creates products that solve complex building challenges around the world:

Acrovyn by Design®	Architectural Grilles + Vision Barriers	Expansion Joint Covers
Acrovyn® Doors	Architectural Louvers	Explosion + Pressure Relief Vents
Acrovyn® Wall Covering + Panels	Cubicle Curtains + Tracks	Fire + Smoke Vents
Acrovyn® Wall Protection	Entrance Mats + Grids	Sun Controls

Learn how we can help your parking project. **Contact us at [solutions@c-sgroup.com](mailto:solutions@c-sgroup.com).**

CS partners with building companies to solve complex parking structure challenges. We are honored to have collaborated with customers on building innovative parking facilities for a variety of industries.

2100 West Loop Parking Garage *Houston, TX*

Annapolis City Marina *Annapolis, MD*

Atwood Parking Facility *Anchorage, AK*

Barclays - Building 400 Parking *Hanover, NJ*

Cablevision Parking Garage *Newark, NJ*

Chicago Transit Center *Chicago, IL*

City Creek Center *Salt Lake City, UT*

Consolidated Rental Facility *Ft. Lauderdale, FL*

Department of Sanitation Parking Garage *New York, NY*

Gold Lot 1 *Pittsburgh, PA*

Driscoll Children's Hospital Garage *Corpus Christi, TX*

Durham Police HQ Complex Parking Garage *Raleigh, NC*

Hudson Lights Parking Garage *Fort Lee, NJ*

Liberty Mutual Insurance Towers Garage *Plano, TX*

Love Field Parking Garage *Ft Worth, TX*

Memphis Intl. Airport Parking Garage *Memphis, TN*

Miami Dade College *Miami, FL*

NASCAR Hall of Fame *Charlotte, NC*

Stanford UMC Parking Garage *Palo Alto, CA*

Tampa International Airport *Tampa, FL*



*Acrovyn Rigid Sheet wall protection for use in climate-controlled spaces only*

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**Project:** Parking Garage  
**Product:** Acrovyn by Design® Patterns Collection  
**Location:** Garage Elevator

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## Complete design freedom

Protecting high-abuse areas in a beautiful way is possible with CS' Acrovyn by Design® Patterns Collection. Not all wall protection and graphics are created equally. Owners of parking facilities trust Acrovyn by Design to protect and preserve the design of their environments against constant, heavy traffic. Created by professional designers, these exclusive patterns are available in a variety of colorways, which coordinate with standard Acrovyn® colors. We also provide custom patterns and imagery along with variations of standard pattern offerings.

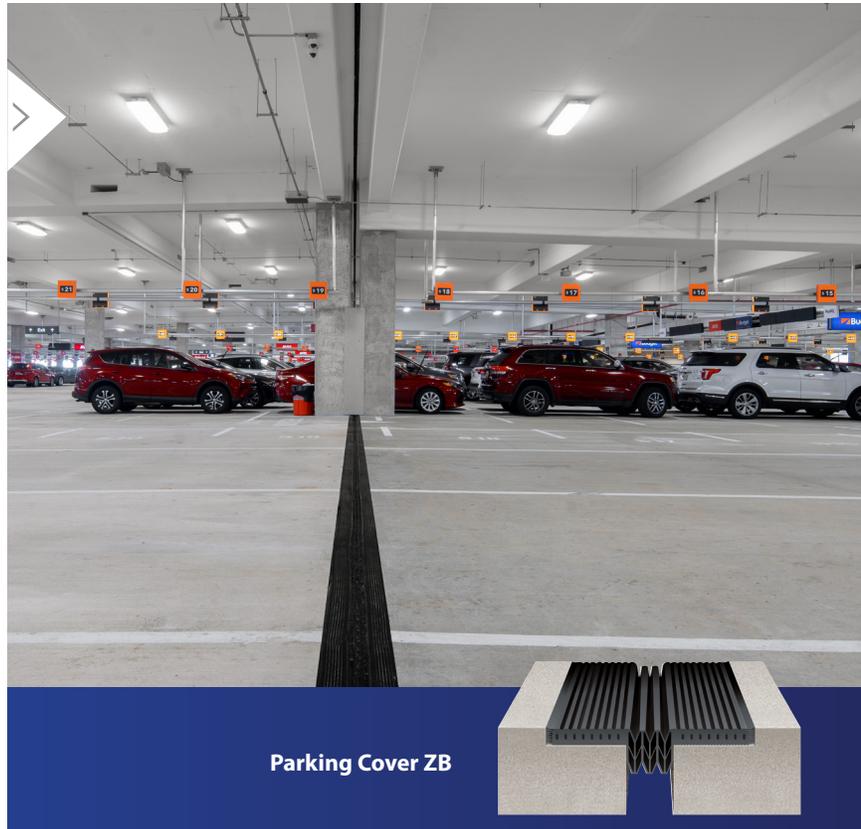
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**Project:** Tampa International Airport  
Consolidated Rental Car Facility  
**Product:** Expansion Joint Covers  
**Location:** Tampa, Florida

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## Watertight seal for lasting results

Tampa International Airport's parking garages had expansion joint covers that failed due to heavy traffic. Approximately 20 million visitors driving through the garages caused the header materials to break down. For a renovation solution the airport turned to CS' model ZB with its monolithic seal and header, eliminating the need for the elastomeric concrete header. When it came time to choose material for the airport's new Consolidated Rental Car Facility, our proven ZB system was selected again to handle the challenge.



**Parking Cover ZB**



Seismic Parking Cover PTC

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**Project:** City Creek Center  
**Product:** Expansion Joint Covers  
**Location:** Salt Lake City, Utah

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## Solving movement challenges

City Creek Center is a mixed-use development in downtown Salt Lake City, Utah. The Center's parking structure required a 12" joint that allowed for changing lateral and vertical movement and a cover that could withstand vehicular traffic. CS supplied model PTC, a metal seismic parking expansion joint cover designed to allow vertical displacement of the adjacent floor slabs without damaging the cover system. The unique damper system prevents the cover from 'clunking' noisily under dynamic traffic loads.

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**Project:** Department of Sanitation Parking Garage  
**Product:** Vertical Perforated Sunshades, Louvers  
**Location:** New York, New York

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## Functional solutions in disguise

New York's Department of Sanitation Parking Garage needed to discreetly house 150 garbage trucks in SoHo. The structure needed to blend in with the neighborhood while meeting functional and technical requirements. CS provided over 2,000 custom-designed, vertical perforated sunshades for the facade to reduce solar heat gain and enhance daylight entering the building. Blade perforation size and pattern were critical for performance and aesthetics. CS storm-resistant louvers were placed behind the sunshades for use with the mechanical equipment.



Vertical Perforated Sunshades



Vertical Airfoil Blade Sunshade System

## Design versatility for unique facades

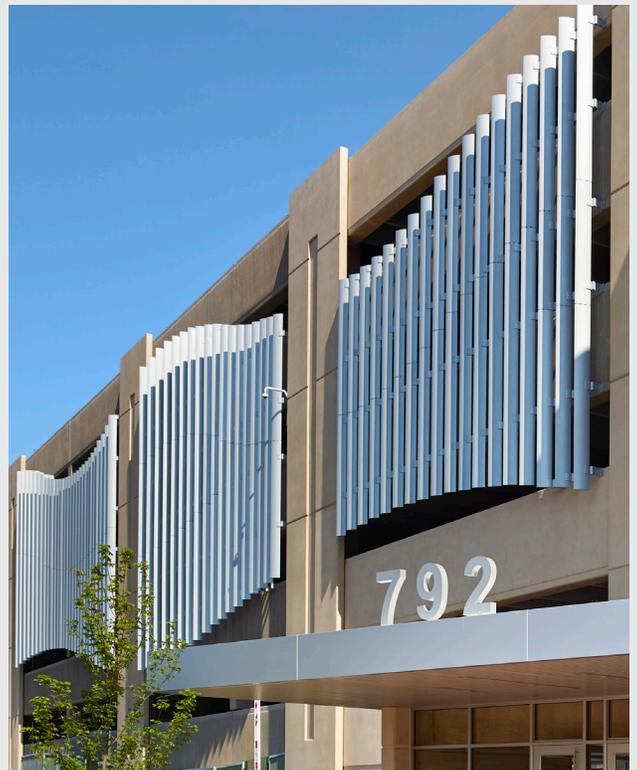
**Project:** Gold Lot 1

**Product:** Vertical Airfoil Blade Sunshade System

**Location:** Pittsburgh, Pennsylvania

WTW Architects wanted a unique facade for Pittsburgh Stadium Authority's 1,000-car garage near Heinz Field. Architects chose CS' vertical sunshade system with 12" airfoil blades and a 3-coat, metallic-silver finish. Custom-cut blade extrusions created the illusion of movement on the building's facade. Architects varied the starting angle of each blade and stacked sections to create the appearance of rolling waves. This vertical sunshade system provided a unique aesthetic while offering sight interruption and reduction of headlight pollution.

The 330,000-square-foot garage is the first Parksmart<sup>SM</sup> Gold certified parking structure in the world. Parksmart is the world's only certification program that defines, measures and recognizes high-performing, sustainable garages.





**Twisted Blade Sunshades**

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**Project:** Parking Garage  
**Product:** Twisted Blade Sunshades  
**Location:** Artist Rendering

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## Let's do the twist

Inspired by the current trend of facades that simulate movement, we developed new Twisted Blade extrusions that twist about the center axis. The starting angle of each blade can be customized and multiple sections stacked to allow for the blades to fully twist around. Blades can be in sequential or irregular order to express your design aesthetic, allowing for full design flexibility. Our new Twisted Blade sunshades are available in airfoil and rectangular tube blades.

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**Project:** Cablevision Parking Garage  
**Products:** Airfoil Lux, Louvers & Grilles  
**Location:** Newark, New Jersey

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## Delivering form and function

The Cablevision Call Center and parking garage presented a unique design challenge: create a state-of-the-art call center with parking for this cable company and 500 of its employees on a tight, urban triangular site in downtown Newark, NJ. The solution for this mixed-use parking garage is architectural vision barrier screens at the lower levels with vertical LED accent fins at the upper office levels. Construction Specialties provided both form, with the LED fins, and function, with the vision barrier parking screens.



**Airfoil Lux Sunshades**



Vertical Airfoil Blade Sunshade System

## Changing a building's personality

**Project:** Miami Dade College  
**Product:** Vertical Airfoil Blade Sunshade System  
**Location:** Miami, Florida

The 1973 Interamerican Tower had stuck out in Miami's Little Havana neighborhood with its forbidding design. Miami Dade College renovated it for its InterAmerican Campus with CS' 8" and 12" vertical airfoil blades in a mix of vibrant colors, which exemplify Miami culture, to provide the parking garage exterior with depth and artistic flair.



In addition to providing a unique aesthetic, CS' airfoil blades block car headlights from exiting the garage as light pollution and allow for airflow, which is important for a garage filled with cars and emissions.



Econoline Screenwall

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**Project:** Hudson Lights Parking Garage  
**Product:** Econoline Screenwall  
**Location:** Fort Lee, New Jersey

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## Control your vision

The mixed-use Hudson Lights development in Fort Lee, NJ, is comprised of nearly 1 million square feet of residential, retail, and entertainment offerings. The Hudson Lights parking garage occupies three floors and is used by both residents and visitors. CS Econoline screenwall provided an aesthetic architectural solution to combat the problem of garage ventilation and vision control. Capable of spanning large openings for multiple levels, Econoline screenwall also provides vision protection to adjacent buildings and the street below.

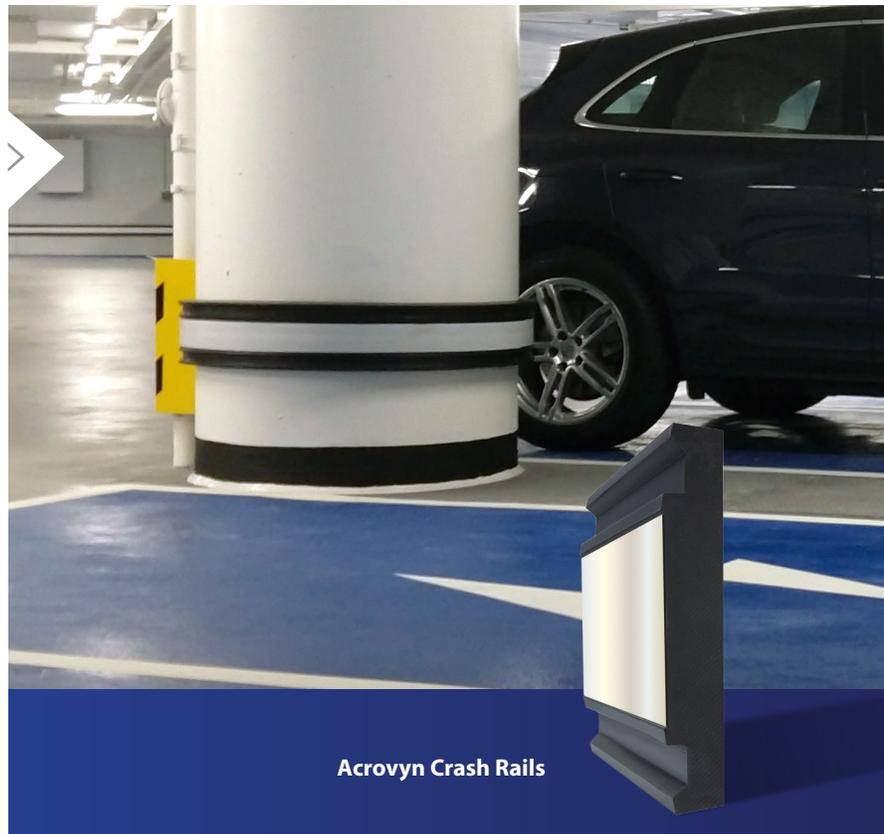
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**Project:** Parking Garage  
**Product:** Acrovyn® Crash Rails  
**Location:** Garage and elevator hallways

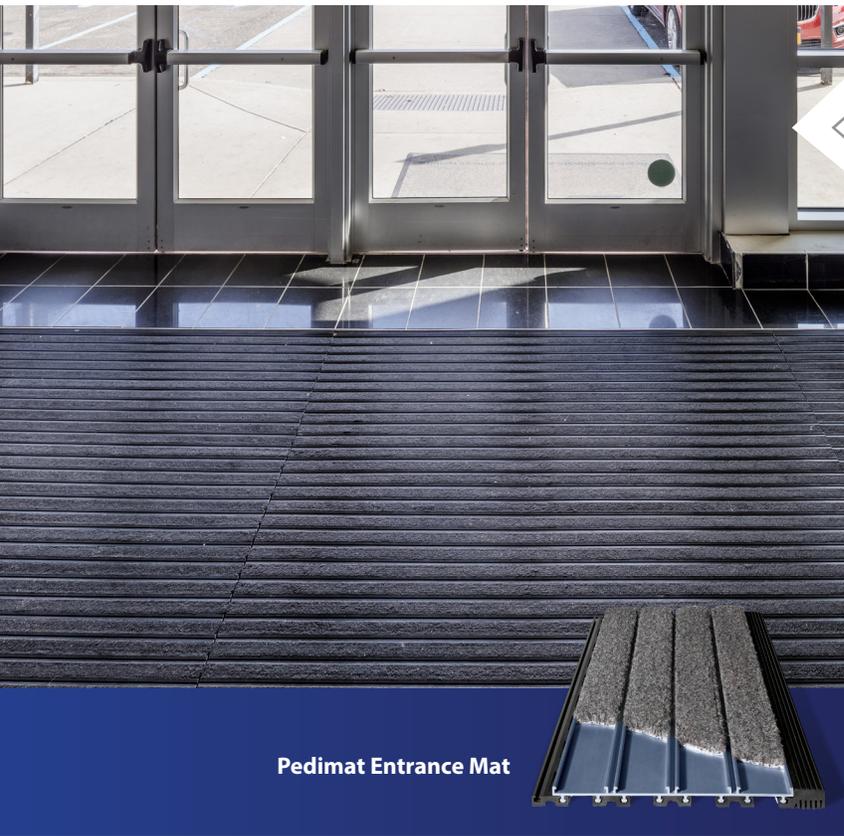
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## A full range of protection

We have wall protection to complement and protect your parking garage entrances and interiors. Installed at appropriate heights to maximize efficiency, Acrovyn® Crash Rails offer a full range of protection, from simple accent rail designs to heavy-duty stainless-steel and rubber bumper models. CS rails have excellent shock-absorbing qualities and are the ideal solution for entrances, corridors, back of house and delivery areas, which face the risk of damage from constant traffic.



Acrovyn Crash Rails



**Pedimat Entrance Mat**

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**Project:** Fitness Facility  
**Product:** Pedimat® Entrance Mats  
**Location:** Los Angeles, California

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## Intense workout, no sweat

This fitness facility chain needed a tough entrance flooring solution to help stop tracked-in dirt and moisture from reaching the interior floors. CS' Pedimat® Entrance Mats were up for the challenge. Their lightweight rails and strong aluminum hinge offer maximum performance in high-traffic areas and allow the mat to be rolled up for easy cleaning.

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**Project:** 2100 West Loop Parking  
**Product:** Bold Line Vision Barrier Screen  
**Location:** Houston, Texas

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## Make a bold statement

The 2100 West Loop South Parking garage has seven levels of parking with 532 total parking spaces and provides easy access to the 610 Loop North and South office buildings. CS Bold Line screenwall, employing a variety of widths and depths, was chosen to provide sight cutoff and free area for air exchange and to present a unique aesthetic. Bold Line screenwall can be customized, interchanging deep and shallow blades with multiple colors, and make a unique and bold statement for any parking garage.



**Bold Line Vision Barrier Screen**



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Acrovyn® Wall Covering + Panels

Acrovyn® Wall Protection

Architectural Grilles + Vision Barriers

Architectural Louvers

Cubicle Curtains + Tracks

Entrance Mats + Grids

Expansion Joint Covers

Explosion + Pressure Relief Vents

Fire + Smoke Vents

Sun Controls

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