

SIGNATURE
ARCHITECTURAL
DOMES
SOLUTIONS

CST
COVERS

EXPO!

EXPO!

COUNTY SOUTH FAIR

PLAZA OF 4000

Bell County Expo Center
Belton, TX
Cladding: Aluminum Panels



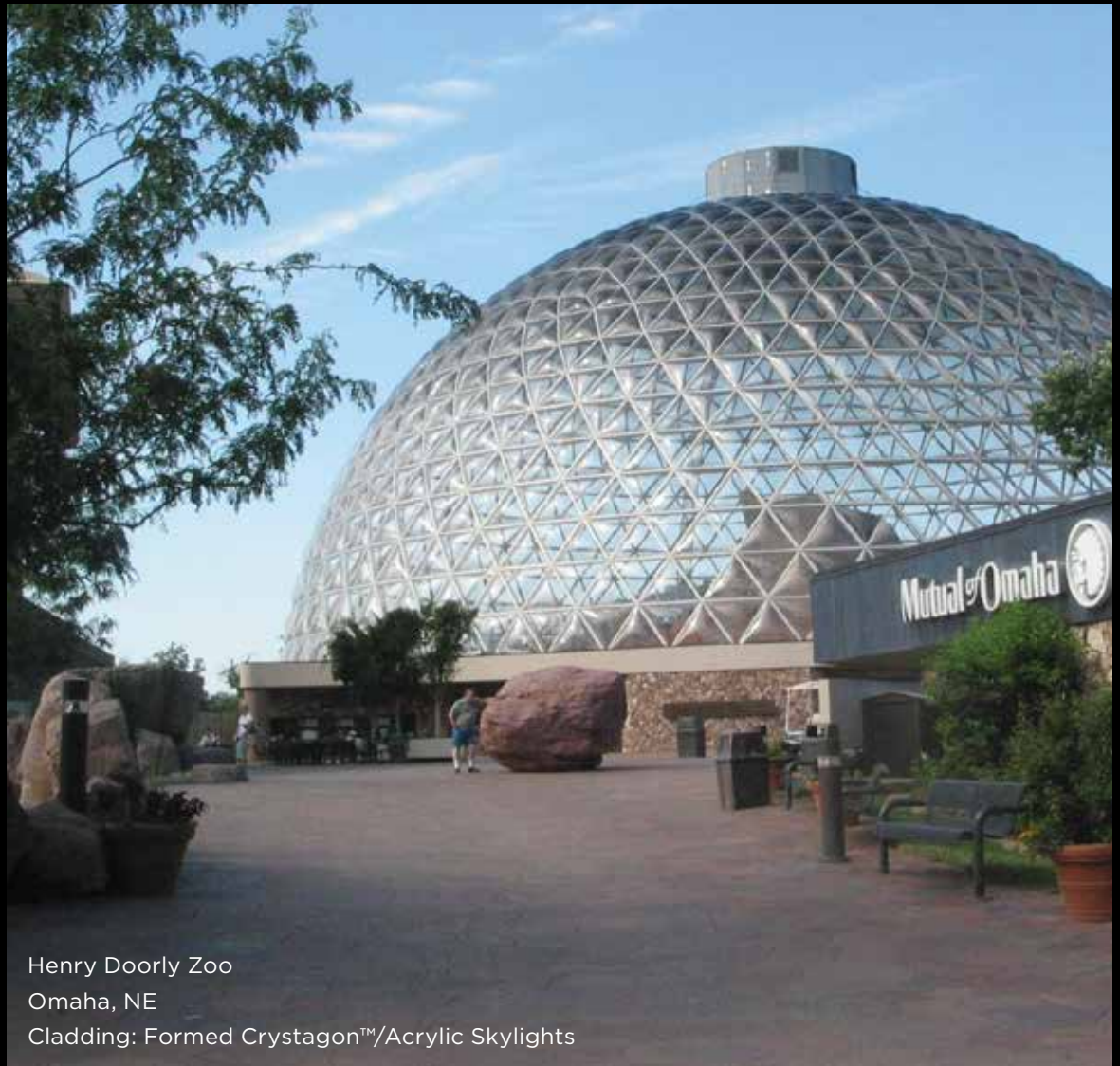
Shanghai Science & Technology Museum
Pudong, Shanghai
Cladding: Acrylic Panels

COVERING SPACE CREATIVELY

CST Covers architectural domes can shape a building from the ground up. A versatile clear-span structure, CST Covers architectural domes feature a framing system of wide-flange extrusions skinned with triangular or rectilinear panels.

Fabricated from lightweight, 100% recyclable and corrosion resistant aluminum components, CST architectural domes ideally blend form and function to provide unmatched building envelope shape and geometric form options.

With the ability to cover clear-spans as large as 900 feet, CST has built churches, gymnasiums, auditoriums, exhibit halls, arenas and even convention centers. Distinctive in appearance, cost effective and often acoustically superior, architectural domes can encompass a world of action!



Henry Doorly Zoo

Omaha, NE

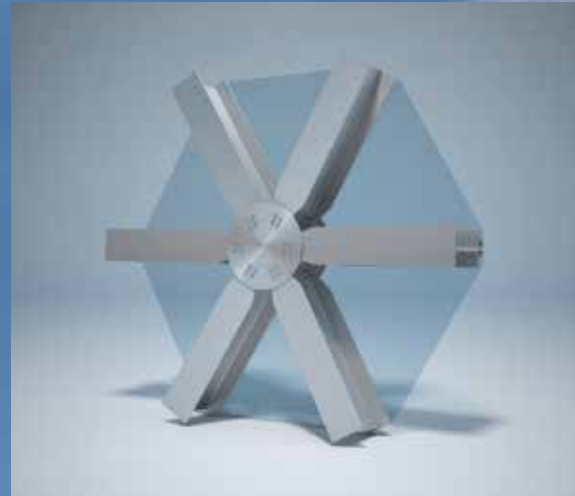
Cladding: Formed Crystagon™/Acrylic Skylights

CLEAR SPAN SYSTEMS

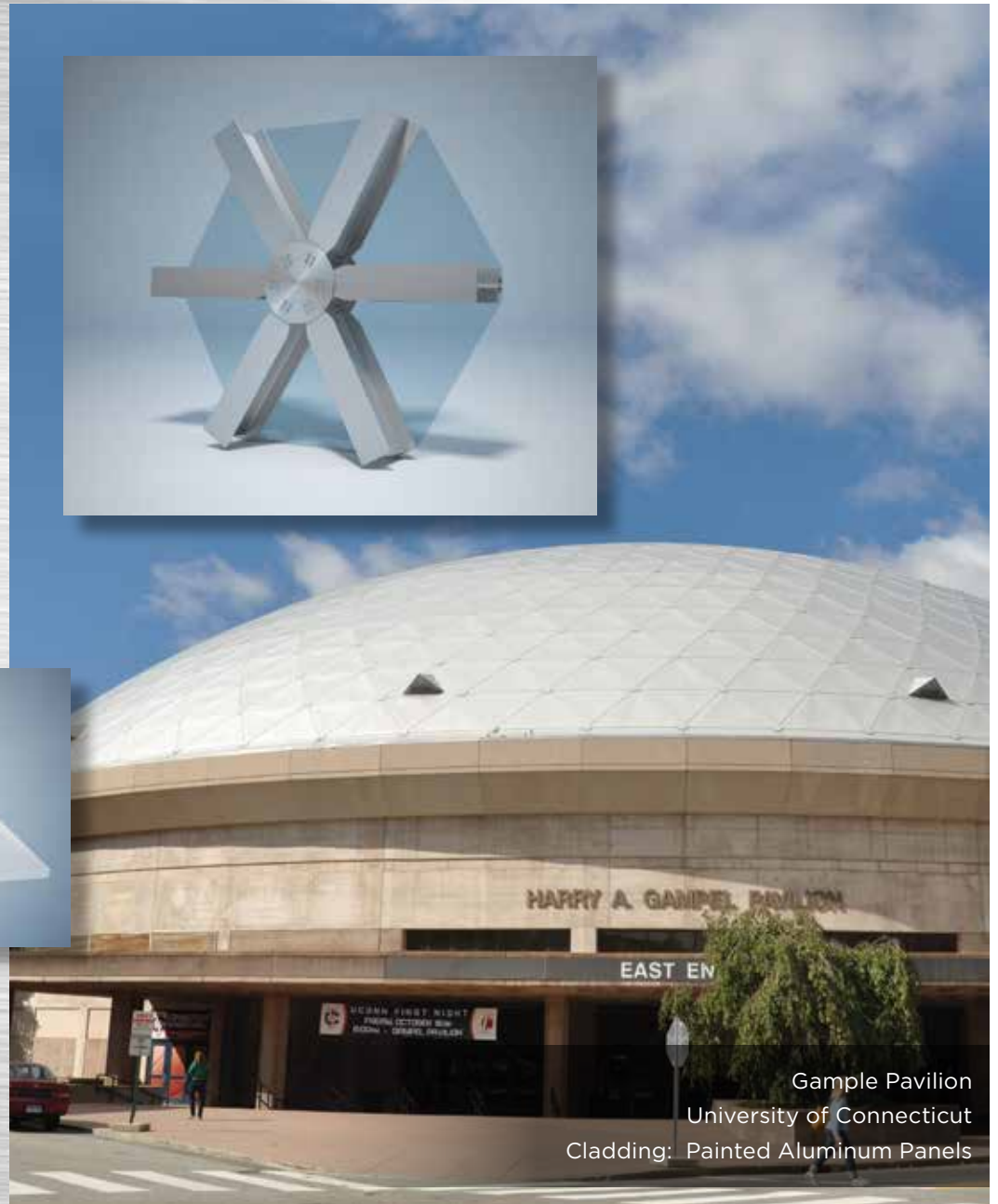
Clear Span Systems are used for curved roofs and can be custom designed to develop a broad range of shapes and sizes. The single layer aluminum framework is offered as either an integral glazing system or integral roof and insulation system. Typical building footprint applications include ellipsoidal, oval, rectangular and circular. The high strength of a clear span dome system is derived from:

- GEOMETRIC PATTERNS
- CST'S PROPRIETARY CONNECTION DESIGN
- HIGH STRENGTH ALUMINUM ALLOYS USED FOR MEMBERS AND CONNECTIONS

High quality prefabricated aluminum components and lightweight aluminum members ensure speed of delivery and ease of construction.



OMNI*HUB® Universal Space Frame Systems and Spectraform® Truss Supported Structures are also available. Contact your CST Covers representative for more information.



WHY ALUMINUM?

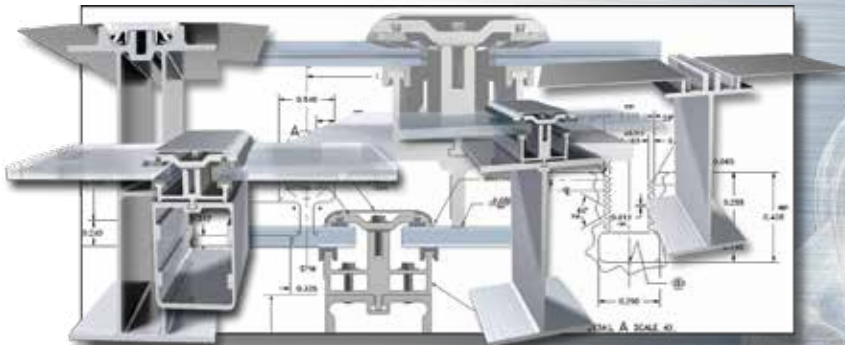
Aluminum meets economic goals because of its higher strength-to-weight ratio than most other metals or materials at less than 1/3rd the weight of steel. Using high strength, low weight material results in a reduction of project material cost as well as associated transportation and assembly cost.

Aluminum delivers unparalleled performance:

- Corrosion resistant and durable - does not rust or spall
- Self-healing if scratched
- Unique structural and architectural sections (extrusions) provide design flexibility
- Wide range of finishing options
- Excellent strength-to-weight characteristics
- 1/3 the weight of steel
- Lower life-cycle costs than steel
- A "green" choice - 100% recyclable and more than 50% of aluminum used in product is recycled aluminum

SUSTAINABILITY

NEVER LOOKED SO GOOD!



Extrusions allow you to put the metal where it's needed.

Cladding: Crystagon™ Acrylic Panels

CLADDING ALTERNATIVES

CST architectural domes can easily accommodate virtually any cladding material available in the marketplace today. This includes acrylic, glass, fabric, metal panels, insulated composite panels, corrugated decking, polycarbonate and perforated metal. It is possible to fabricate any aluminum extrusion for the optimization of the various cladding attachment methods.





Golden Moon Hotel & Casino
Philadelphia, MS
Cladding: Triangular Fabric Panels



Clayarch Gimhae Museum
Gimhae, Korea
Cladding: Laminated Glass



Panther Academy
Patterson, NJ
Cladding: Stretch Formed Aluminum Panels



Great Lakes Science Center
Cleveland, Ohio
Cladding: Spherical Aluminum Shingles



Spruce Goose Exhibit
Long Beach, CA
Cladding: Bonded Insulation



Shamu Dome
Seaworld®
Cladding: Bonded Insulation



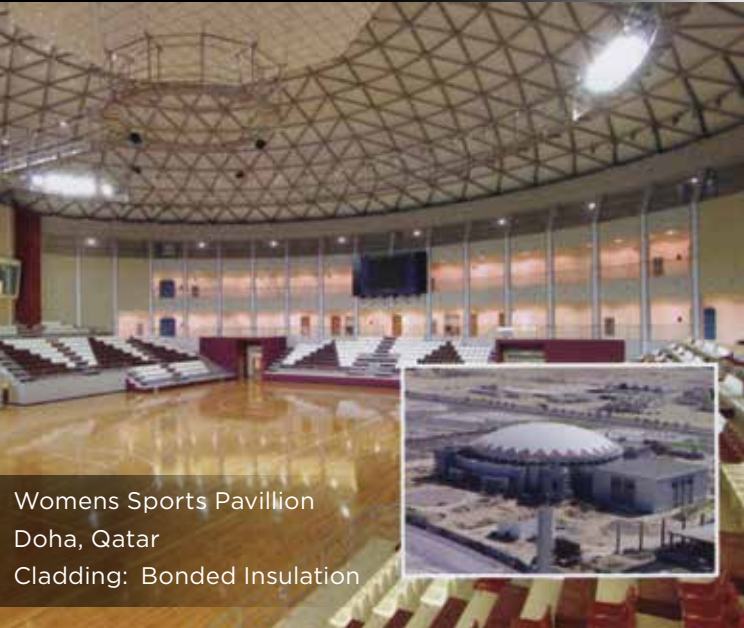
Moviestar Arena En Parque O'Higgins
Santiago Chili
Cladding: Mill Finish Aluminum Panels



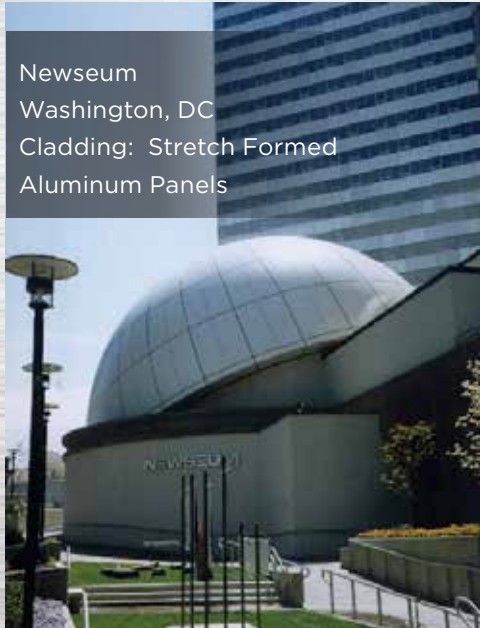
Bell County Expo Center
Belton, TX
Cladding: Aluminum Panels



Faith Dome of Crenshaw Christian Center
Birmingham, AL
Cladding: Painted Aluminum Panels



Womens Sports Pavillion
Doha, Qatar
Cladding: Bonded Insulation



Newseum
Washington, DC
Cladding: Stretch Formed
Aluminum Panels



Al Falsaliah Tower,
Riyadh, Saudi Arabia
Cladding: Insulated Glass

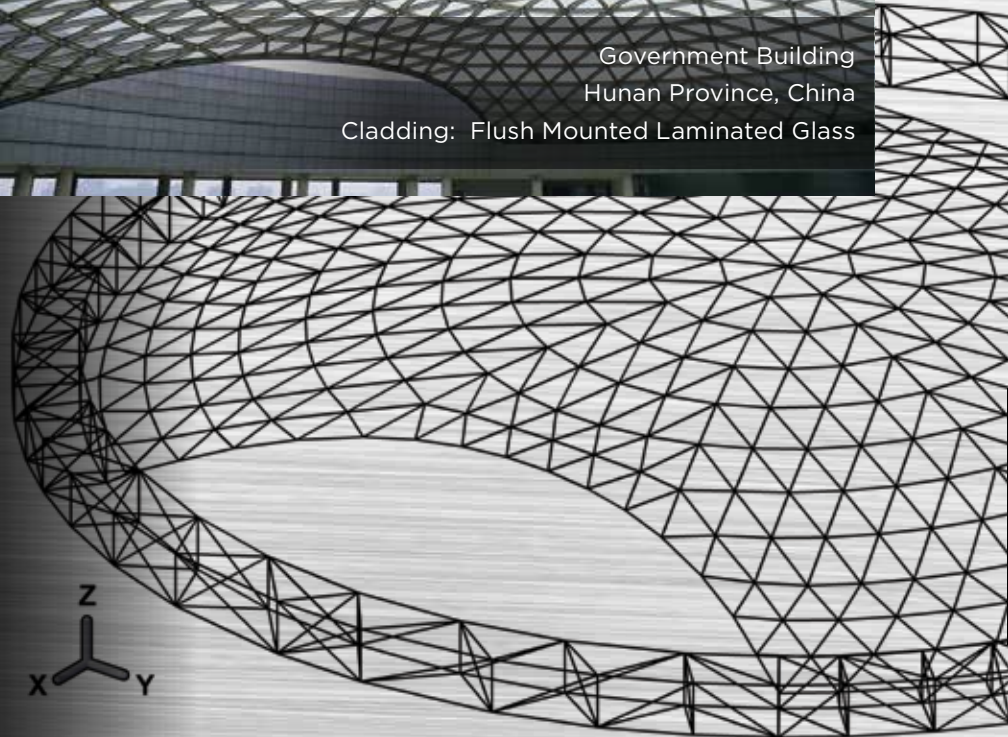
FROM CONCEPT TO COMPLETION

Our team brings years of creative experience with literally thousands of successful projects worldwide. Excelling in design, engineering and fabrication, CST provides the creative assistance you need to ensure your project is completed on time and within budget.

- Design — Working closely with your project team, our design consultants can help turn your concept into a creative and cost effective solution.
- Engineering — From proof of concept to final structural design, our team of professional engineers ensure your ideas become reality.
- Fabrication — Utilizing a state-of-the-art fabrication facility and maintaining stringent production standards and controls, we bring a level of quality to your project that brings your design to life.
- Installation — Proprietary assembly processes and specialized construction equipment brings an unmatched level of quality and efficiency.



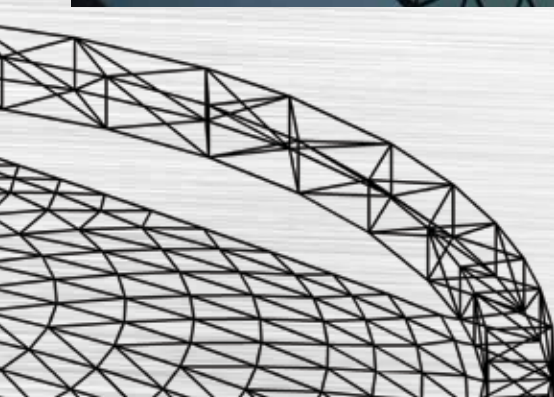
Government Building
Hunan Province, China
Cladding: Flush Mounted Laminated Glass



LIMITED ONLY BY THE DESIGNER'S
IMAGINATION...



Government Building
Hunan Province, China
Cladding: Flush Mounted Laminated Glass

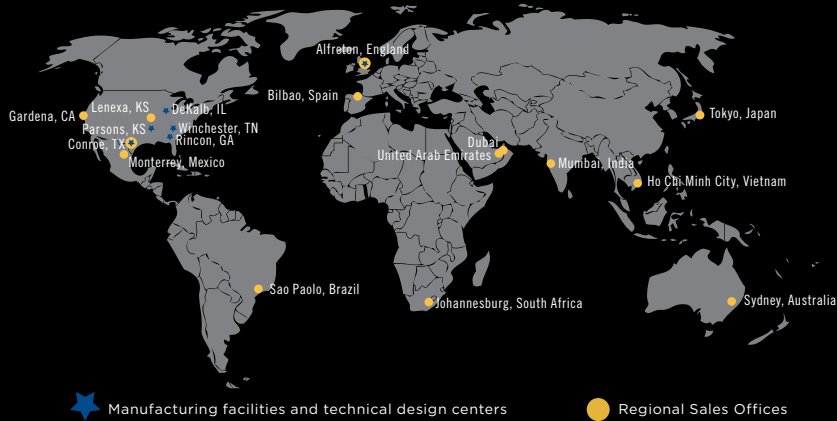


VIRTUALLY ANY SHAPE OR FORM CAN
BE DESIGNED USING AN ALUMINUM
STRUCTURAL OR SPACEFRAME SYSTEM



WORLDWIDE AVAILABILITY

CST Global Manufacturing and Offices



With multiple offices around the world, CST is poised to provide the best and most timely customer service regardless of the project location.

CST Covers Headquarters

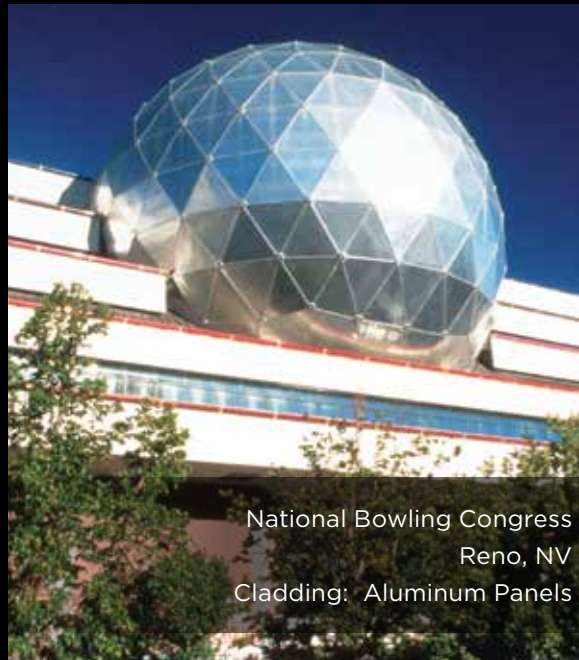
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Go to www.cstcovers.com

for information on sales service offices.

CST COVERS

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CV-1412



National Bowling Congress
Reno, NV
Cladding: Aluminum Panels



Henry Doorly Zoo
Omaha, NE

Cladding: Interior Shot of Crystagor™ Skylights