

NO NO

GLASS + STEEL PORTFOLIO

CONTACT US
660 de l'Argon
Québec, QC, G2N 2G5
Canada
1-418-841-4004
info@zonedisplaycases.com
zonedisplaycases.com

WHHO WE ARE

Zone Display Cases started as a division of Concetti Design, a museum exhibit builder founded in 1985. Initially designing and fabricating museum quality display cases for some projects we were working on, we got involved more and more in developing and building made-to-measure casework that would to meet the demanding needs of curators and conservators as well as exhibit designers.

Over time, designing and manufacturing conservation grade display cases became our specialty and we have grown to be an important and reputable firm in this business.

Professionals and easy to work with, we take pleasure in creating display cases that answer to the needs and criteria of our clients by adding new products, offering «made-to-measure» cases and continually upgrading current designs. Our products line includes modular assembly display cases systems, standard-sized and custom built cases of all types, and we installed these worldwide. All of them are made through computer-assisted design and manufacture (CAD-CAM), a unique procedure for our field of work.

We're committed to excellence in all steps of our process, from concept drawing and design resolution, cost planning and project management through impeccable and efficient installation and after-sale service. We deliver optimally designed display cases, on schedule and within budget. Our cases are profitable investments that offer a superior quality at very competitive prices.



Louis St-Gelais
President & CEO

NATIONAL MUSEUM OF THE AMERICAN INDIAN

"Americans" is an exhibition that sheds light on the nature of the American people's and American Indians' relationship. It insists that non-Native Americans and American Indians share an entangled history, and that in many ways, *this history is the history of the United States.*

Opened in January 2018, the exhibition "Americans" features nearly 300 objects, some of which are presented in these astonishing frameless display cases.

The Frameless Series has proudly earned us first place at the 2018 "Red Dot Design Award," a renown international design competition hosted annually in Germany.

▼ These frameless cases use directional lighting within the gallery through a frosted glass top for optimal illumination without cast shadows.



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NORTON MUSEUM OF ART

The Norton Museum of Art is Florida's largest art museum. It has developed an internationally acclaimed collection of American, Chinese and European Art that now contains over 7,600 works.

In 2019, the museum's new Kenneth C. Griffin Building, designed by renowned London-based architectural firm Foster + Partners, added 12,000 square feet of new gallery space.

Through seamless collaboration with Matter Architecture Practice, the exhibition designer, Zone responsively adapted to the Norton's budget constraints and demanding timeline and delivered a sophisticated installation which stunningly showcases the collection.

▼ Over 60 display cases have been designed and installed for this project



Norton Museum of Art
West Palm Beach, FL, USA

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▲ Ming Synasty, Wanli Reign, *The Lantern Festival (Shangyuan Jie)*, 1572-1600

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ALASKA STATE LIBRARY ARCHIVES MUSEUM

Designed by CI/Hyer & THA Architecture, the state-of-the-art, 175,000 square-foot two-story structure over basement-level parking, houses all three entities under one roof. It is an icon in Alaska's cultural landscape in downtown Juneau.



Alaska State Library Archives Museum
Juneau, AK, USA

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During the construction phase, in 2015-2016, Zone Display Cases was commissioned to design, build and install nearly a hundred museum quality archival display cases for the SLAM project, an acronym that stands for State Library, Archives and Museum, in Juneau, Alaska.

The variety of cases in this project is simply incredible!



▶ When entering or leaving the galleries, you will walk through this gigantic and unique 20 ft. long by 17 ft. tall glass display enclose built and installed by Zone.

▼ This gigantic freestanding case measures 17 ft. tall by 8 ft. wide by 6 feet deep.



▲ Display of Tlingit armor in Alaska State Museum's resilience exhibit.

◀ Rural tradition and change and Alaska's urban majority, displayed in this 17 ft. tall by 11 ft. wide corner case.



NATIONAL MUSEUM OF AMERICAN HISTORY

Smithsonian Institution, NMAH
Washington, D.C., USA

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Designed by Haley Sharpe and completed in collaboration with Los Angeles-based Cinnabar, Zone's scope of work was to complete the design, production, and installation of nearly hundred display cases for two specific galleries; *American Democracy* and *Many Voices, One Nation*.

Amongst all cases, an impressive 12-foot-long table with a one-piece glass top, and an enormous free-standing case with a 700 lbs, 13 ft. by 10 ft. glass door, both to be opened by a single person.



▲ Large variety of cases including this 12-foot-long table with pull-out exhibition drawers.

▲ Top and bottom : artifacts from the Nez Perce and Western Lands and artifacts from the history of Chicago.

▲ Entrance to the *Many Voices, One Nation* exhibit.

MUSEUM OF THE BIBLE

Museum of the Bible
Washington D.C., USA

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Completed in 2017 and designed by David Greenbaum, SmithGroup's lead architect on the Bible project, the new eight-level, 430,000-square-foot museum is designed to provide guests with an immersive and personalized experience as they explore the history, narrative, and impact of the Bible.

Zone's scope of work included the fabrication of over sixty (60) high quality anti-reflective mitred glass top to be fitted with assorted stylish plinths and pedestals, in partnership with Design and Production Inc.



▲ Bibles from the 16th and 17th centuries



▶ The Bible : A principal course of study for European universities between the 11th and 14th centuries.



▲ Translating the Bible: The Bible has been translated into thousands of different languages



▲ The King James Bible



▲ Center and bottom : specialized Bibles: from children to the blind, these are Bibles that everyone can read and Remains of Gospels and Sayings of Christ

YALE UNIVERSITY ART GALLERY

The Margaret and Angus Wurtele Study Center is a storage facility that displays approximately , increasing the accessibility of the Gallery's collections for teaching, scholarly research, conservation, and scientific analysis.

The goal of this project was to provide the best open access storage environment for a whole range of materials in the collection of the Yale University Art Gallery.

Yale was looking for the highest standards in conservation and preservation, and for storage solutions that were highly accessible to the students at Yale and students visiting the gallery from all around the world.

The Margaret and Angus Wurtele Study Center
West Haven, CT, USA

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▲ Over three years and 175 shipments, more than 31,700 objects were moved from the Library Shelving Facility in Hamden to the study center on West Campus.



▲ The storage facility counts over 150 glass doors. Some cases are controlled with active micro climate generators.

▼ All objects can be easily removed from the shelves for study. Here, Yale Art Gallery curators Lisa Brody, (left) and Susan B. Matheson, demonstrate the cabinets' ease of accessibility.



GEORGIA UNIVERSITY

Hargrett Rare Book & Manuscript Library at the University of Georgia
Athens, GA, USA

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This project, completed in 2012, was for the newly renovated Hargrett Rare Book & Manuscript Library at the University of Georgia in Athens. Forty incredible table cases were built through unique teamwork with the Tennessee-based 1220 Exhibits Inc.

The project designer Haley-Kohler had a very precise vision with rigid specifications for beautiful flawless millwork and modern climate control.

The Hargrett Library is a leading repository on Georgia history and culture. It holds 200,000 volumes in its rare book and Georgiana collections, 6 million pages of historical manuscripts and photographs, along with maps, broadsides, and UGA archives and records.



▲ A total of forty table cases were designed and built for this project.

▼ The masterpiece was an enormous 14 feet long table case to display the original Constitution of the Confederate States of America, signed in 1861.



▲ The 650 lbs glass top was equipped with a sophisticated pneumatic opening system, activated through a simple switch.



▲ Several of the cases have integrated pull-out exhibition drawers with glass covers.

BANK OF CANADA MUSEUM

The Bank of Canada Museum
Ottawa, ON, Canada

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The Bank of Canada Museum reopened a new space in July 2017 with a completely new design concept. Their collection of over 100,000 currency-related artifacts from around the world include coins, bank notes, dies, plates, scales, cash registers, wallets, and more. While several of these objects are in storage, a very interesting selection is currently displayed at the museum.

In the goal to protect and preserve the collection, a series of tables, freestanding built-in wall cases have been custom-designed for the new space. One of which being a gorgeous 360 degrees circular glass case displaying a variety of three-dimensional objects.



▲ Evolution of money



▲ Beautiful exhibits featuring centuries' worth of economic artifacts: from shells once used as money, to bank notes made from tree bark.



▲ This majestic curved glass case displays artifacts covering the way Canadians have spent their money over the course of 200 years.

MUSÉE NATIONAL DES BEAUX-ARTS DU QUÉBEC

The "Tribute to Rosa Luxemburg" is a unique masterpiece made of 30 paintings that measures more than 130 feet long.

Presented at the Musée des Beaux-Arts du Québec (MNBAQ), this impressive piece of art hangs behind ultra-clear invisible and anti-reflective security glass, shines under a sophisticated integrated LED lighting system to bring out the vivid colors of this narrative fresco made in 1992 by Jean-Paul Riopelle, using aerosol spray.

▼ *Tribute to Rosa Luxemburg* is on permanent display in a glass case with subtle lighting, located in a 130m long tunnel that links the new building to the existing museum.

♦ Musée national des beaux-arts du Québec, MNBAQ
Quebec, QC, Canada

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► The huge fresco was made using aerosol cans. It is presented as a succession of animal paintings, inhabited by everyday objects represented mostly in silhouette!



◀ Riopelle's largest work was acquired by the Musée in 1996 and has been seen by more than 1.3 million people since that date.



NATIONAL MUSEUM OF AFRICAN AMERICAN HISTORY AND CULTURE

Designed by Ralph Applebaum Associates and completed in partnership with Design & Production Inc., the Musical Crossroads gallery included approximately one hundred freestanding and built-in wall cases, most with different dimensions.

▼ "Musical Crossroads" tells the story of African American music with photos, video, narratives and over 350 artifacts.

Smithsonian Institution, NMAAHC
Washington, D.C., USA

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▶ Chuck Berry's guitar, Little Richard's jacket and Bo Diddley's hat and guitar are amongst the objects that can be viewed in the gallery.

The NMAAHC is the only national museum devoted exclusively to the documentation of African American life, history, and culture. Musical Crossroads, more specifically, tells the story of African American music from the arrival of the first Africans to the present day.

▼ Sam Cooke has brought the spirit of the Black church into popular music. He is represented in the gallery by a contract signature.



AL SHINDHAGA MUSEUM

PERFUME HOUSE

Designed and built with GSM Project, *the House of Perfume* is part of the Shindagha Historic District, a 25ha area situated on the northwest bank of the Khor. It was originally the historic centre of Dubai in which Dubai's ruling Sheikhs as well as famous traders used to live.

GSM was the first client to purchase our award-winning frameless cases for this very unique project.

Al Shindagha Museum
Dubai, United Arab Emirates

The Frameless Series has proudly earned us first place at the 2018 "Red Dot Design Award," a renown international design competition hosted annually in Germany.

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Discover the enticing world of Emirati perfume making.

Frameless cases with tall bases and integrated LED lighting.



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HILL MUSEUM & MANUSCRIPT LIBRARY

It is currently on permanent display at Saint John's University's Alcuin Library. The gallery has 1,653 square feet of floor space and is located in the lower level of the library and exhibits original folios from the seven volumes of The Saint John's Bible.

The goal for Zone Display Cases was to create a unique and challenging mounting system to display this unbound manuscript in the new gallery. The system needed to allow the museum to change those folios and to display the unbound folios as if they were an open book in a floating position.

Saint John's University's Alcuin Library
Collegeville, MN, USA

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▼ The gallery features twenty-eight folios at one time, presented in seven identical display cases.

▲ A total of 11 frameless table cases were delivered to the Hill Museum. They are used to display a variety of manuscript books dating from the ancient to early modern eras.



▲ Gold leaf makes the manuscript truly illuminated.



▲ Slide-out mounting system.

▲ The acrylic mounts that were designed to hold the folios were a key element to the realization of this project.

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CANADIAN MUSEUM OF NATURE

This project is a wonderful example for sustainability and durability.

Produced and installed over 10 years ago, the cases are still displaying and protecting the five hundred mounted specimens in the permanent *Bird Gallery* at the Canadian Museum of Nature.

Not only does the exhibit itself still look new and modern, but the cases are also still impeccable from the inside-out.



▼ Nearly 500 mounts and 450 species are presented in the Bird Gallery.



Canadian Museum of Nature
Ottawa, ON, Canada

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▲ The tallest case measured 13 feet high and was 8 feet wide by 8 feet deep. Its gigantic door could be opened by a single person.

SOUTHERN UTE MUSEUM

Southern UTE Cultural Center and Museum
Ignacio, CO, USA

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The Southern Ute Museum in Ignacio is a Southwest cultural resource and regional highlight, designed by Seattle-based Jones & Jones Architects. The exhibits were designed in 2010 by West Office Exhibition Design and fabricated in collaboration with Superior Exhibits & Design.

Native saddlebags, children's dolls, clothing, weapons of war, baskets and other artifacts from the 19th century were among some of the items that were displayed and loaned to the tribe by the Smithsonian National Museum of American Indian.

Unfortunately, the museum seems to be closed now. The space has been emptied and the artifacts have been returned to their loaners.



▲ This headdress belonged to Antonio Buck, Sr. (1879-1961), the last hereditary chief of the Southern Ute Indian Tribe.



▲ Zone's scope included a variety of wall cases to display these highly sensitive objects, one of which being a 40-foot-long faceted curved case with multiple seamless doors, estimated to weigh over 12,000 lbs!



▲ The Permanent Gallery chronicles the story of the Ute people, *Numi Nuuchiyu, We Are the Ute People*, from prehistory to modern times.

DENVER ART MUSEUM

ART MUSEUM

Denver Art Museum
Denver, CO, USA

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The world-exclusive exhibition *Brilliant: Cartier in the 20th century* featured stunning jewelry, timepieces, and precious objects created between 1900 and 1975.

The exhibition highlighted Cartier's rise to preeminence—and the historical events pushing the Maison's, or design house's, evolution—as it transformed itself into one of the world's most prestigious names in jewelry and luxurious accessories.

Organized by the DAM, the exhibition was on view in the Anschutz and Martin and McCormick galleries on level two of the Hamilton Building, in 2014-2015. Zone is proud to have been part of this brilliant project!



▲ Emerald necklace worn by Countess of Granard, *Cartier London*, special order, 1932.



▲ Jeanne Toussaint and Cartier's Panthers.



▲ Flamingo Brooch worn by The Duchess of Windsor. *Cartier Paris*, special order, 1940



▲ Several of the 250 precious objects were never-before-seen pieces on loan from the Cartier Collection.

▲ Presentation of some of Cartier's most striking clients such as Marie Bonaparte, the Duchess of Windsor, Daisy Fellowes, Gloria Swanson, Princess Grace of Monaco, María Félix and Elizabeth Taylor.

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HARVARD MUSEUM OF NATURAL HISTORY

The Glass Flowers, formally *The Ware Collection of Blaschka Glass Models of Plants*, is a famous collection of highly realistic glass botanical models at the Harvard Museum of Natural History. Approximately 4,400 individual glass models comprise the collection.

In Harvard's constant efforts to preserve their collections, and to increase the museum's richness and visitor's experience, they have decided to acquire new display cases to house a selection of models from the collection. These modern climate-controlled cases, entirely designed and built by Zone, are supplied with vibration-free surfaces and opening mechanisms. The cases rest on beautiful hardwood bases that match the existing rustic feel of their current gallery.

This unique collection of over 4,000 models, representing more than 830 plant species, was created by glass artisans Leopold and Rudolf Blaschka, a father and son team of Czech glass artists.

▼ The Glass Flowers gallery uses a combination of old wooden cases with matching modern table displays.



▲ Apple Blossom from the Ware Collection of Blaschka Glass Models of Plants.



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VICTORIA AND ALBERT MUSEUM TRAVELLING EXHIBITION

Featuring the creations of the greatest French and English fashion designers including Balenciaga, Dior, Balmain, Givenchy and Company, this 2010 exhibition was devoted to haute couture and showcased more than 200 original creations from the years 1947 to 1957.

One of a kind, the exhibition *The Golden Age of Couture: Paris and London 1947-1957* was a tribute to the creators of this era, marked by the return of splendor and glamour after World War II. It consisted mainly of pieces from the collection of the Victoria & Albert Museum in London.

The collection was presented at the MNBAQ during a brief period of two months, as part of a travelling exhibition to travel through a multitude of destinations. To this end, assemblies of modular display cases have been custom designed to enhance this elegant collection.

More than 250 works were showcased including dresses, fabrics, embroidery, accessories, and fashion photographs and illustrations.



▲ Evening Dress by Pierre Balmain, 1950.

Musée National des Beaux-Arts du Québec | MNBAQ
Québec, QC, Canada

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▲ Collapsible display cases with frosted glass tops for temporary exhibitions.



▲ "Écarlate" cocktail dress by Christian Dior, 1955

▼ The Golden Age of Couture features stunning gowns and exquisite tailoring from prestigious designers.



GREEN BAY PACKERS HALL OF FAME AND MUSEUM

The 15,000 square foot, two-level *Green Bay Packers Hall of Fame* is conveniently located on the main floor of the Lambeau Field Atrium. A tribute to the greatest story in sports.

The facility uses the latest technology, enhanced interactive displays, and a treasure trove of artifacts, to educate and inspire visitors about the rich history of the Packers, as well as the teams of today.

This project was completed in 2015, in partnership with 1220 Exhibits.



The Green Bay Packers Hall of Fame and Museum
Green Bay, WI, USA

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▲ Left and right : Vince Lombardi trophies



▲ Top and left : The Epic Trophy Case measures 25 feet long and has 5 curved glass doors.

▼ This gallery allows visitors to take a visual look at the history of Green Bay Packers uniforms.



NASHER MUSEUM OF ART AT DUKE UNIVERSITY

Art of the Americas is one of the largest holdings of the Nasher Museum. Comprised of over 3,000 works by cultures, primarily originating from Central and South America, the collection includes a variety of objects made of diverse materials from clay to jade.

The current installation focuses on art from c. 500 BCE to 900 BCE made in the region known as Mesoamerica ("Middle America"), which stretches from present-day Mexico through western Honduras.

▼ A few of the sensitive pieces within the collection are displayed in museum-quality wall cases, behind a series of seamless glass doors for ease of rotation and manipulation.

Duke University
Durham, NC, USA

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▲ Collection of ceramics, metalwork, jade and textiles.



◀ Moche, *Male Portrait Stirrup-Spout Vessel*, 200-500 CE, Ceramic.

▶ Maya *Tripod plate with the Maize God dancing with both knees and bent*, c. 550-850 CE, Ceramic.



▲ At the back, the long wall case displays a wide array of Maya cylinder vases.



NATIONAL LAW ENFORCEMENT MUSEUM

National Law Enforcement Museum
Washington D.C., USA

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Opened in 2018, the 57,000-square-foot *National Law Enforcement Museum* provides a day-in-the-life look at the experiences of law enforcement officers and engages visitors of all ages in memorable, immersive and experiential exhibits.

Some of the artifacts from the collection of more than 20,000 objects are displayed in these modern, highly secured display cases, designed and built by Zone in partnership with Washington D.C.-based Studio 647 and Design and Production Inc.



▲ Custom self-closing drawers with integrated lighting were added to some of the enclosures built by others.

▼ This 20-foot-long wall case is filled with police themed games and toys.



▼ Part of our scope included this gigantic faceted and curved 64 ft. long by 12.5 ft. tall wall case with self-closing exhibition drawers. A masterpiece that serves to present and protect a variety of artifacts that depict law enforcement officers, historic events and pop culture.



THE WITTE MUSEUM

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The B. Naylor Morton Research and Collections Center at the Witte Museum has been created to provide visible access to the vast and diverse collection when not on display in the museum's galleries.

The Center allows museum professionals to preserve the collection through proper light levels, temperature and humidity control, while providing access to visitors and researchers from around the world.



▲ The Dickson Allen Orientation Gallery offers a thematic overview of the collection, organized in seven color-coded categories.

Witte Museum
San Antonio, TX, USA



▲ Museum iconic artifact, the 650 lbs. amethyst donated by Albert Steves, Sr.

Developed by architects Lake Flato and in collaboration with Lord Cultural Resources, this 2013 project included sophisticated display cases with shock-free exhibition drawers, each supplied with their own climate control system.

The display case prototype was intensively tested in extremely rough and unusual conditions. It was modified until it suited the high standards and requirements from the museum.

▼ In the drawers, a Texas flag carried by Alan Bean during his 1969 moonwalk and the U.S flag carried by Ed White during the first American space walk in 1965.



▲ New acquisitions and iconic Witte artifacts are presented in a series of tall archival cases.



▲ A combination of freestanding and wall cases with exhibition drawers allow the museum to save on space and displays a larger quantity of both three-dimensional and flat artifacts.



DRIVEN BY SOLUTIONS

Museums are true cultural poles that compete within the tourism industry and now responds to economic logic. Once centered almost exclusively on the study of their collections and their exhibitions in permanent halls, the museums have evolved to offer a multitude of services and numerous animation events. This brings a variety of audiences that keeps them constantly on the public scene and among other cultural products that are available to citizens to fulfill their leisure time.

Through this new approach to museology, curators, archivists, conservators and exhibition designers face several challenges, including presenting to the general public a variety of objects whose nature, both precious and fragile, involves many challenges.

A variety of objects are part of the museum collections: Ethnographic objects, archaeological artifacts, mounted specimens, utilitarian objects, machines, tools, musical instruments and a variety of decorative, folk and religious works of art.

In exhibition, a large part of the collection's objects is presented in airtight display cases whose role will also be linked to the preservation, conservation and protection of objects. The aim will be to provide a stable environment while considering a multitude of environmental factors such as humidity, temperature, dust accumulation, intrusion of harmful insects, atmospheric contaminants, the luminosity and biological activity.

Although the process of buying a display case may seem complex, the support that will be offered by the selected supplier will make all the difference.