ALLEN ARCHITECTURAL METALS

CATALOG & FEATURED PROJECTS

{ volume 3 }

allenmetals.com

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CATALOG & FEATURED PROJECTS

{ *volume 3* }

ALLEN ARCHITECTURAL METALS
www.allenmetals.com

Corporate Office 800.204.3858 New York Office 347.232.4146

IN OVER 15 YEARS OF BUSINESS,
Allen Architectural Metals, Inc.
HAS COMPILED AN IMPRESSIVE
And comprehensive resume with
NUMEROUS COMPONENTS
Grouped into ten categories. Custom
SIZING AND FINISHING ARE
Available, upon request as well as the
ALLOY OF YOUR CHOICE.

ALLEN ARCHITECTURAL METALS, INC.

Allen Architectural Metals, specializing in cast metals, offers a wide range of services for restoration, replication, preservation and new design. Projects range from hand-carved historial replications to custom laser-cut design applications. Comprehensive support in castings and metal fabrication along with superior client services for architects, governemental agencies, high-end developers, universities, hospitals and private residences.

Since 1995, the company has evolved into a nationally-recognized organization managing projects across the United States. Our services include the following:

Historic Site Consultation
Design/Build
Value Engineering
Pattern Making
Custom Castings
Historical Replications and Restoration
Fabrication
Installation
Finishing Services
Laser Cutting For Custom Design

We offer environmentally friendly applications for your GREEN design needs. Please contact us for more information at 800.204.3858.

PROFESSIONAL AFFILIATIONS

National Trust for Historical Preservation • Association for Preservation Technology • American Society of Landscape Architects • National Ornamental & Miscellaneous Metals Association • Association of General Contractors • League of Historic American Theaters • National Federation of Independent Business

CONTACT INFORMATION

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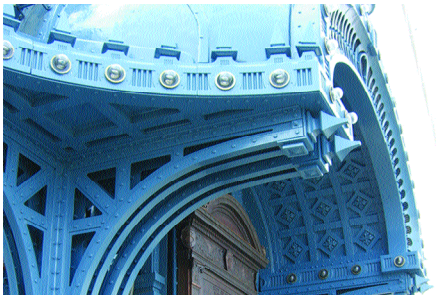
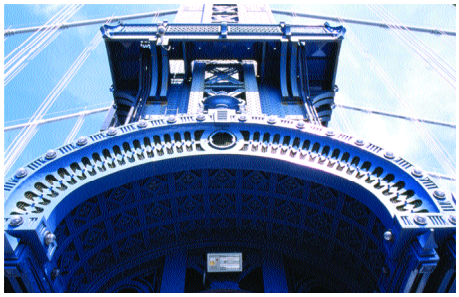
CANOPIES

THESE SKILLFULLY CRAFTED
structures of metal and glass offer
STRIKING ARCHITECTURAL
detail while providing shelter from
THE ELEMENTS. CANOPIES CAN
be created to fit any space and
ARCHITECTURAL STYLE AND
can be designed in the alloy and
FINISH OF YOUR CHOICE.





MANHATTAN BRIDGE CANOPY

New York, New York

SMITH CANOPY

Forest Park, Illinois

WACKER CANOPY

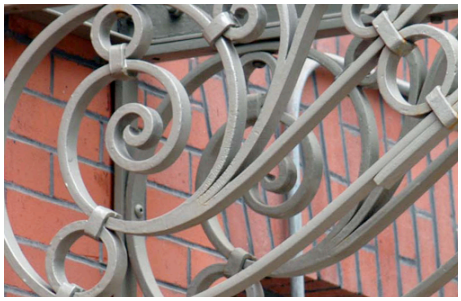
Chicago, Illinois

ALLUVIAN HOTEL CANOPY

Greenwood, Mississippi

HERMITAGE HOTEL CANOPY

Nashville, Tennessee



JOHNS HOPKINS UNIVERSITY CANOPY

Baltimore, Maryland

OGLETHORPE UNIVERSITY/JUNEAU CANOPY

Atlanta, Georgia

NORTON CANOPY

Norton, virginia

COLUMNS & PILASTERS

EXQUISITELY DETAILED, these cast metal columns and PILASTERS HAVE ALL OF THE grace and beauty of their rich HERITAGE WHILE ADDING structure and support. Many OF THE COLUMNS CAN BE adjusted in height to meet your SPACE REQUIREMENTS. Casting columns in halves VERTICALLY OFFERS A UNIQUE solution to up-dating existing STRUCTURAL PIPE COLUMNS.

BLOUNT COLUMN

KIOSK COULMN

{adjustible in height and diameter}

CORINTHIAN COLUMN

PEYTON COLUMN

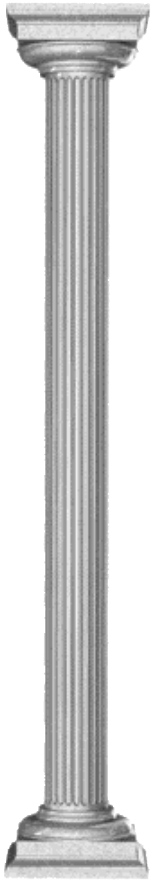
{adjustible in height and diameter}

SAVANNAH COLUMN

BILTMORE COLUMN

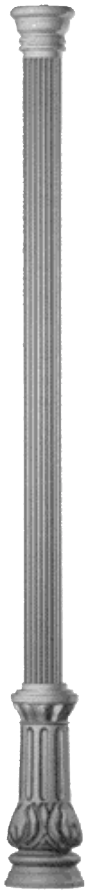
{adjustible in height and diameter}

BRIDGEPORT COLUMN



COLONIAL COLUMN

{adjustible in height and diameter - base cast in halves;
can be modified for diameter requirements}

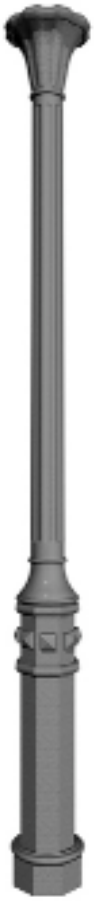


KENTON COLUMN

{adjustible in height and diameter - base can be modified to fit 4", 5" or 6" shaft diameter}

LANCASTER COLUMN

{adjustible in height and diameter - base and capital can be modified to accept 4”, 5” or 6” shaft diameter}



TANGLEWOOD COLUMN

MORNING GLORY & SUNFLOWER PILASTER

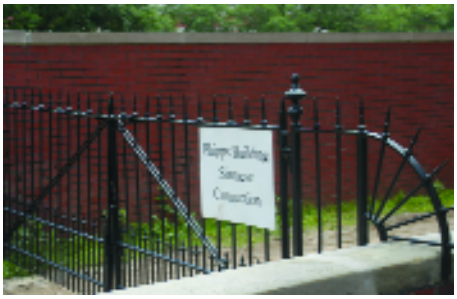
GATES FENCING & CRESTING

CAREFULLY DESIGNED GATES, fencing and cresting can not only SERVE A SPECIFIC FUNCTION but can become artistic pieces in THE LANDSCAPE OF ANY space. Institutional, municipal or RESIDENTIAL THESE elements can be architecturally SPECIFIC TO ANY APPLICATION and designed to enhance the space WHILE SERVING A UTILITARIAN function. These elements can be CREATED IN THE ALLOY AND finish of your choice.

ABINGDON SQUARE GATES & FENCING

BARKSDALE GATES

CITY HALL PARK GATES & FENCING

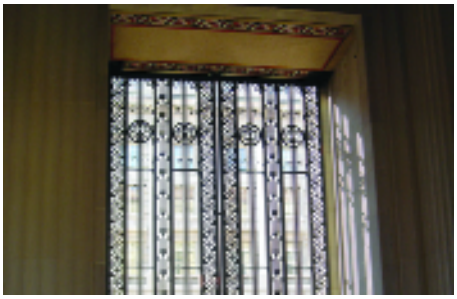


JOHNS HOPKINS HOSPITAL GATES & FENCING

KIME GATES & FENCING

LIL STREET GATES & FENCING

TEXAS STATE CAPITAL GATES



US DEPARTMENT OF JUSTICE GATES

FISHERMAN'S WARF CRESTING & RAILINGS

NIKETOWN CRESTING

HOBOKEN PERRY TERMINAL CRESTING

LELNAD SANFORD MANSION CRESTING

LIGHTING & LAMP POSTS

ALLEN ARCHITECTURAL METALS, *Inc. makes a unique statement* IN LIGHTING, FROM DELICATE *chandeliers to functional street* LIGHTING. FIXTURES CAN *be cast in your choice of metals,* FINISHING AND ELECTRICAL *Components are available upon* REQUEST. A VARIETY OF *luminaries may be purchased* FOR ANY OF THE CAST *lamppost and sconce designs* PLEASE INQUIRE.

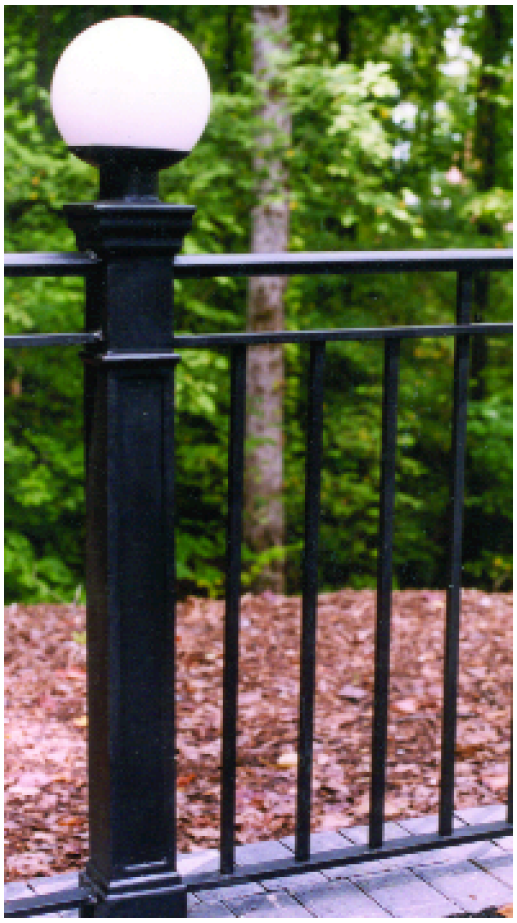
PALMETTO BLUFF LIGHTING & POSTS

PALMETTO BLUFF LIGHTING & POSTS

CHICAGO SCONCE

CITY HALL PARK GASOLIERS

COLUMBIAN WORLD'S FAIR LAMP POSTS



HERNDON LAMP POST NEWEL

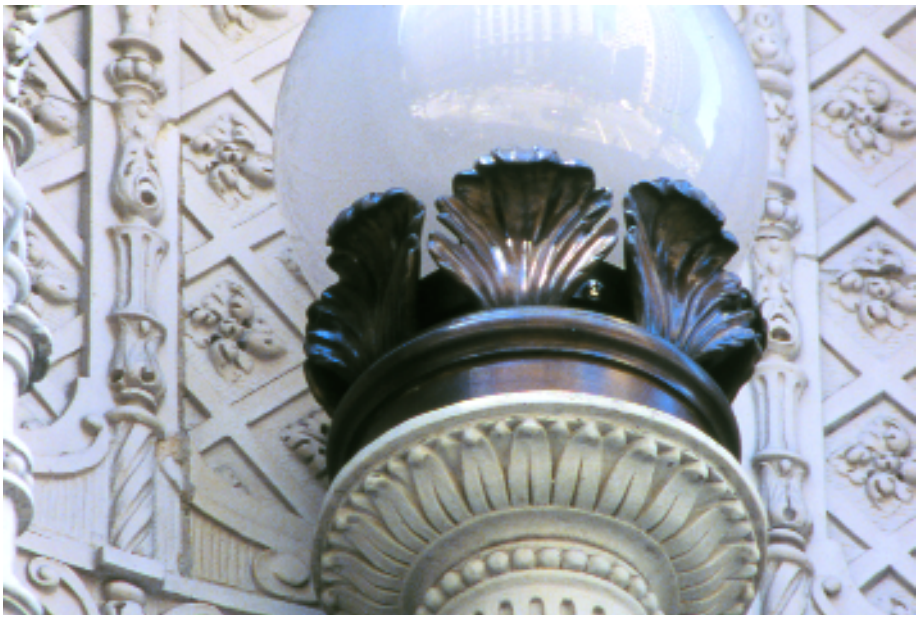
HOOPER GLOBE

LION'S CLAW LAMP POST

MILLENNIUM SCONCE

MUSEUM CHANDELIER

MUSEUM OF SCIENCE & INDUSTRY LAMP



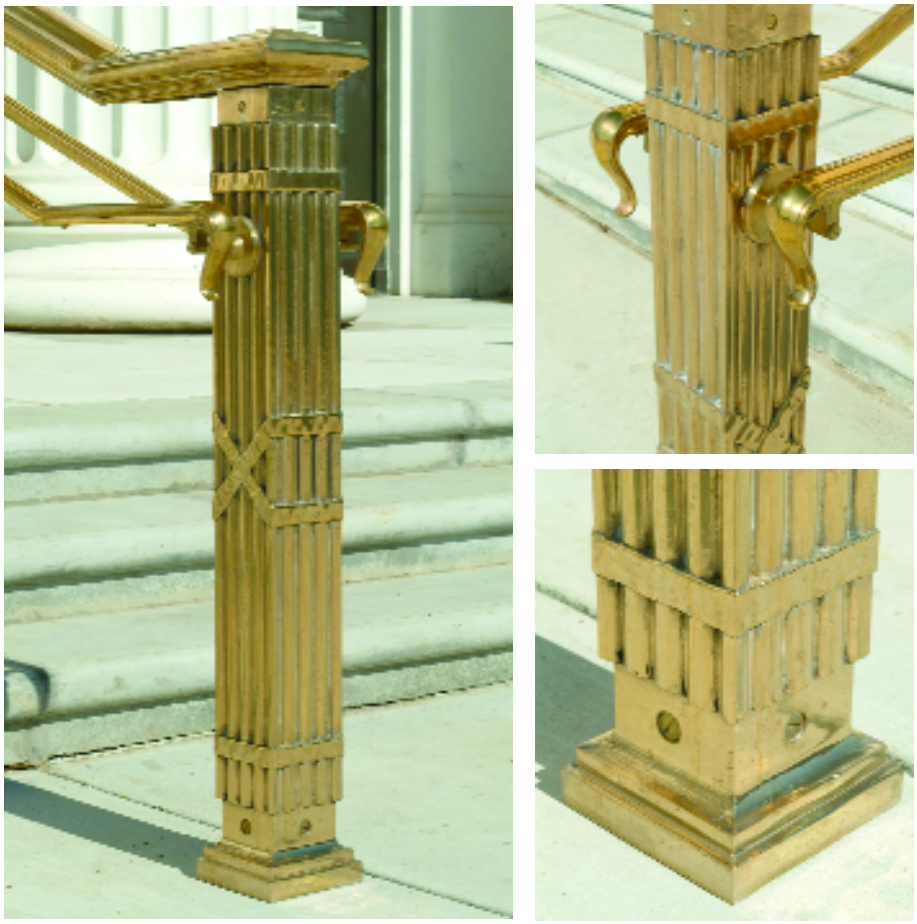
PETROSSIN GLOBE

SEVILLE LAMP POST

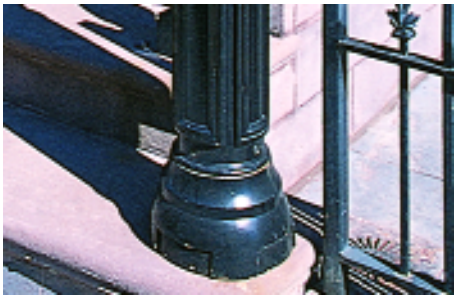
WACKER LAMP

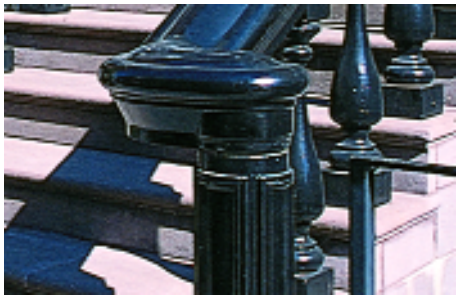
NEWELS & BOLLARDS

ALLEN ARCHITECTURAL METALS,
collection of Newels and Bollards can
MAKE A DESIGN STATEMENT
for any application. The perfect
BEGINNING TO A BEAUTIFULLY
designed railing or standing alone
OUR COLLECTION
INCLUDES DESIGNS TO MEET
any architectural style in your
CHOICE OF ALLOY AND FINISHES.



ALABAMA ARCHIVES & HISTORY NEWEL





BALUSTER NEWEL

FELIX NEWEL

SNUG HARBOR NEWEL

SPIRAL NEWEL

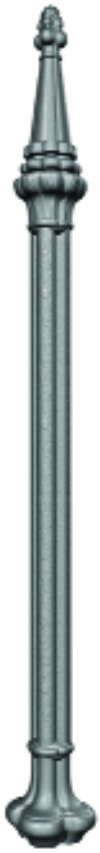
WAR MEMORIAL NEWEL

BROWNSTONE NEWEL

FLAME NEWEL

AUSTIN NEWEL

GARLAND NEWEL



GOTHIC NEWEL

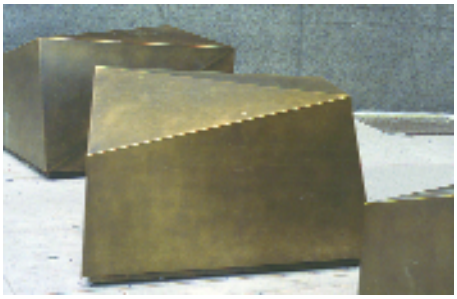
ROYAL NEWEL

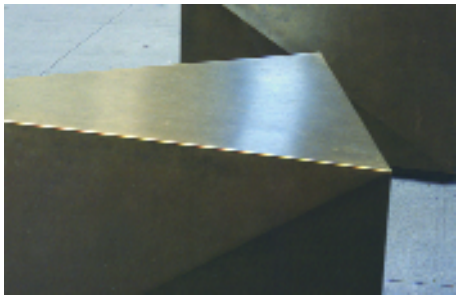
OGLETHORPE NEWEL

CAGE POST

TITICUS POST

COMBED BOLLARD & NEWEL





WALL STREET NO GO BOLLARD

WALL STREET NO GO BOLLARD

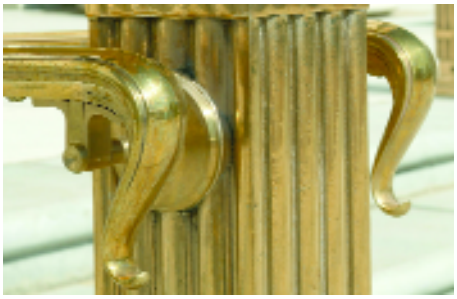
LASALLE BOLLARD

LAUREL BOLLARD

PARK & STREET BOLLARD

RAILINGS

CUSTOM RAILINGS ADD STYLE
and function to any space from
RESIDENTIAL TO COMMERCIAL.
our technical staff can capture
ANY PROJECT'S DESIGN
intent or architectural style needs.
RAILINGS CAN BE CREATED
in your choice of alloy and the
FINISHING IS LIMITED ONLY
by your imagination. Finishes
CAN RANGE FROM CUSTOM
colors to faux finishing or polished
AND PATINA APPLICATIONS.



ALABAMA ARCHIVES & HISTORY RAILING

AUSTIN RAILING

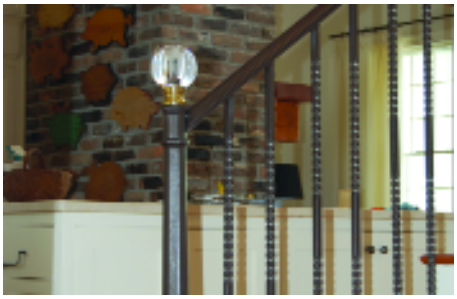
BALUSTRADE RAILING

STANER RAILING

KIME RAILING

MCGHEE RAILING

MICHIGHAN AVENUE RAILING



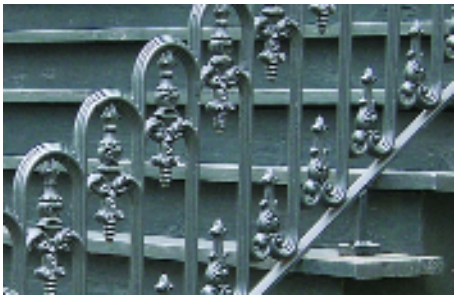
RICHIE FARM RAILING

SIMMONS RAILING

SNUG HARBOUR RAILING

SAINT FELIX RAILING

UNION STATION RAILING



WHITTLE RAILING

BATTERY MARITIME RAILING

STREET AMENITIES, SIGNAGE & PLAQUES

ALLEN ARCHITECTURAL METALS houses an eclectic collection of site AMENITIES FOR PUBLIC SPACES or private residences. Streetscapes ENHANCEMENTS ARE CAST TO BRING FUNCTIONALITY AND AESTHETIC BEAUTY TO any space. Custom logos, insignias AND TRADEMARKS CAN BE incorporated into these amenities to PERSONALIZE OR IDENTIFY A park, city, residential development OR COPORATION.

BIKE RACK

ROUND & SQUARE PLANTER RAILING

WACKER LAMP & PLANTER BASKET

PALMETTO BLUFF SIGNAGE

BOULEVARD IINFORMATION KIOSK

ELMHURST STREET & INFORMATION SIGN

INFORMATION SIGNS

MANHATTAN BRIDGE PLAQUE

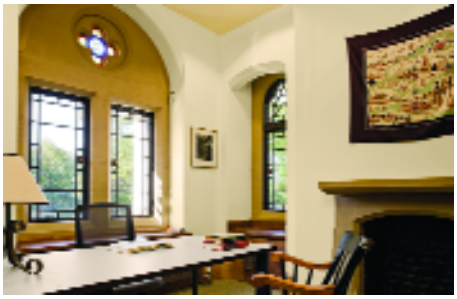
SHILOH PLAQUE

MILLENNIUM PARK PLAQUE

ART DEPARTMENT PLAQUE

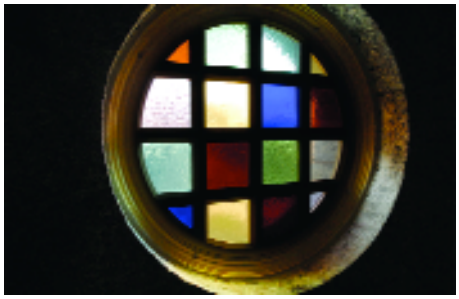
WINDOWS

MASTERFULLY CRAFTED
windows add architectural
INTEREST TO ANY FACADE
and will endure for many
GENERATIONS. ALLEN
Architectural Metals can recreate
WINDOWS TO MATCH EXISTING
or create new designs to meet your
ARCHITECTURAL
requirements. Windows can be created
COMPLETE WITH GLAZING AND
hardware and in the alloy and finish
OF YOUR CHOICE.



TRINITY COLLEGE

Hartford, Conneticut



GATEHOUSE THEATRE

Harlem, New York

TWEED COURTHOUSE

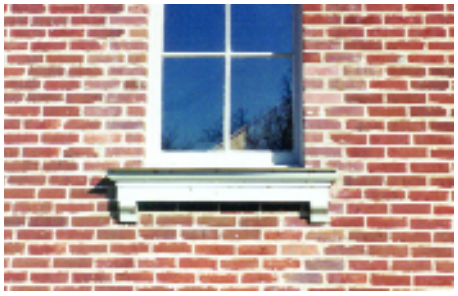
Manhattan, New York

COLUMBIA UNIVERSITY WINDOWS

Manhattan, New York

YONKERS WINDOWS

Yonkers, New York



JEFFERSON COURTHOUSE WINDOWS

Jefferson County, Arkansas

FEATURED PROJECTS

MASTERFULLY CRAFTED
windows add architectural
INTEREST TO ANY FACADE
and will endure for many
GENERATIONS. ALLEN
Architectural Metals can recreate
WINDOWS TO MATCH EXISTING
or create new designs to meet your
ARCHITECTURAL
requirements. Windows can be created
COMPLETE WITH GLAZING AND
hardware and in the alloy and finish
OF YOUR CHOICE.

THE MICHIGAN AVENUE BRIDGE

Chicago, Illinois

GC: FH Paschen, Chicago, Illinois
CM: US Architectural Glass & Metal, Darien, Illinois
Architect: Chicago Transportation Authority

The Michigan Avenue is a bascule bridge that carries Michigan Avenue across the Chicago River. It lies at the foot of the Magnificent Mile between the Wrigley Building and Tribune Tower and is a part of the Michigan-Walker Historic district. The bridge was built from 1917-1920 as two parallel bridges that operate independently of one another. It was designed by architect Edward H. Bennett and is an early example of fixed trunnion Bascule Bridge which became widely known as a "Chicago style bascule." The bridge was incorporated as part of Daniel Burnham's 1909 Plan of Chicago to replace the bridge at the foot of Rush Street. The Michigan Avenue Bridge is a double-deck, double leaf trunnion Bascule Bridge, the first of its kind ever built. The bridge was considered an engineering marvel of its time and engineers are still impressed with the nearly-century-old bridge's mechanical prowess. The stunning Beaux Arts-style bridge was designated a Chicago Landmark in October 1991.

Allen Architectural was chosen to replicate the bridge's original pedestrian railings. The new railings will be cast and fabricated in aluminum. The entire railing assemblies will be fabricated in the shop then dismantled and shipped to the location for installation on the bridge. The more than 400 linear feet of railings will have a high-end Kynar Finish that will match the color pallet chosen for the city's bridge.

MICHIGAN AVENUE

Chicago, Illinois

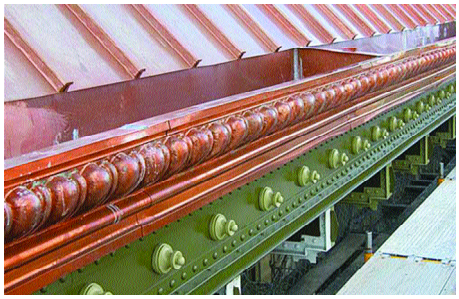
BATTERY MARITIME BUILDING

Manhattan, New York

GC: Tishman Construction, New York, NY
Architect: Jan Hird Pokorny Associates, New York, NY

Designed by Walker & Morris in 1909, the Battery Maritime Building is a 140,000 square foot architectural marvel. This Beaux Arts building was constructed in 1909 with nearly 8,800 elements of cast iron, riveted steel plates, copper ornamentation, ceramic tile, stucco paneled walls and a copper mansard roof.

Allen Architectural Metals entered into one of the largest restoration projects in the history of New York City with the restoration of this landmark building. The restoration and replication of the cast iron façade and railings for this building took almost 3 years to complete starting in 2003 and ending in 2006. The Battery Maritime Building continues to be one of the largest and most challenging projects to date.



BATTERY MARITIME

New York, New York

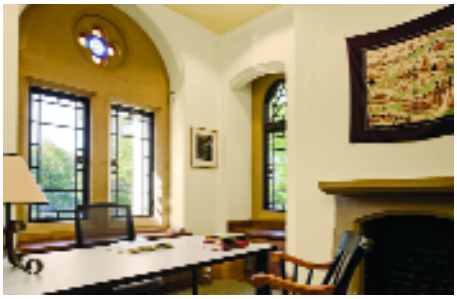
TRINITY COLLEGE

Hartford, Connecticut

GC: Consigli Construction Co. Hartford, Connecticut
Architects: SmithEdwards of Hartford, Connecticut

Trinity College was founded in 1823 on the site on what is now the State Capitol. The campus was moved to its present location in the mid-1800. " The Long Walk" complex consist of three brownstone buildings designed by the English architect William Burgess and executed by architect Francis H. Kimball. " The Long Walk" is the core of the 100-acre campus. Construction on the "Long Walk" was complete in 1878 and the Northam Towers in 1883. Their design was the only commission Burgess accepted outside the United Kingdom in his career. The brownstones are prime examples of High Victorian Collegiate Gothic Architecture and have long been the signature building on Trinity's campus. This renovation marked the largest renovation project the college had ever done while trying to preserve the historical but functional buildings.

The renovation plans were drawn up with the help of Trinity Graduate Peter Knapp. Peter a college archivist found the original building plans designed by Burgess and carried out by Francis H. Kimball. The 14 month long renovation included stabilizing and reinforcing 88 stone dormers and restoring and replacing 1,200 cast iron windows among many other projects. Allen Architectural Metals Inc. was responsible for the replacement and restoration of the cast iron windows which included 900 functioning cast iron frames and sashes fully glazed including hardware and over 300 leaded and stain glass windows fully glazed including hardware. Allen Architectural Metals Inc. also undertook the tedious task of installing and making functional all of the windows in this multi-story, 925' long building.



TRINITY COLLEGE

Hartford, Conneticut

PRIVATE RESIDENCE

Fishers Island, New York

GC: Allen Architectural Metals Inc.
Architect: Thomas Phifer & Partners, New York, NY.

The understated elegance of this private residence radiates like the artfully composed trellis system wrapping the house. Allen Architectural Metals rose to the occasion to fabricate this contemporary trellis system in aluminum with a custom color and finishing system specified by the architects. The primary function of this sculptural trellis is to protect a priceless art collection and a fine home and furnishings. Many hours of planning, machining and installation went into this complex trellis which is masked by its simplistic design.

PRIVATE RESIDENCE

Fishers Island, new York

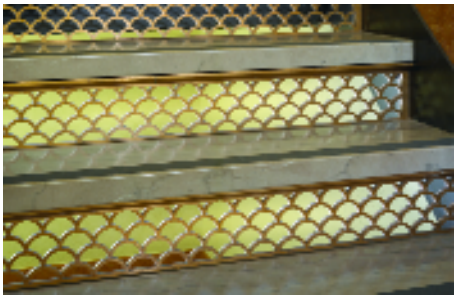
COLORADO STATE CAPITAL

Denver, Colorado

GC: Zimcor, LLC, Littleton, CO.
Architect: Fentress Architects, Denver, CO.

The Colorado State Capitol Building is located at 200 East Colfax Avenue in Denver, Colorado. The building was designed by Elijah E. Myers to be intentionally reminiscent of the United States Capitol. The architectural style is the Corinthian order of classic architecture and has a Greek Cross floor plan. Construction on the Capitol began in 1890 and was completed in 1908. The building was constructed using the finest native Colorado materials available including a rare Colorado Rose Onyx. The distinctive gold dome consists of a plate of pure gold first added in 1908 and commemorating the Colorado Gold Rush.

Allen Architectural Metals Inc. was responsible for the re-creation of the elaborate cast bronze stair systems located in the four quadrants of the building. These cast bronze components were replications of the original designs for the buildings. Each piece began by creating a master pattern to produce the cast bronze castings. Each casting was hand polished to a satin finish followed by a hand applied hot patina finish for an aged appearance. Every component of this elaborate system had to be cosmetically flawless and mechanically functional. There were thousands of components required to complete this job and each one had to meet the highest standards of quality and match in color and finish. The completed project is an artistic display of functional design.



COLORADO STATE CAPITOL

Denver, Colorado

MANHATTAN BRIDGE

New York City, New York

GC: Koch Skanska
Architect: New York City Department of Transportation

The Manhattan Bridge is one of three suspension bridges that cross the East River connecting Lower Manhattan with Brooklyn. It was the last of the three suspension bridges built across the lower East River, following the Brooklyn and Williamsburg Bridges. The Manhattan Bridge was opened to traffic on December 31, 1909. The bridge was designed and built by Polish bridge engineer Ralph Modjeski with deflection cables designed by Leon Moisseiff. The original pedestrian walkway on the south side of the bridge was reopened after sixty years in June of 2001. Allen Architectural Metals Inc. was responsible for the recreation of the pedestrian canopies located 1/4 mile from both entrances.

The four 20'x25'cast iron and steel canopies Allen re-created were originally designed to protect pedestrians during inclement weather while crossing the bridge. The canopies also house the re-creations of the original cast bronze plaques that give bridge specifications, architects, engineers and dates. These massive bronze plaques were meticulously crafted in high relief and fine details. There are a total of 4 canopies for the bridge, each housing one of the four 10'x5' bronze plaques. Each of the canopies was fully assembled at the company's production facility then dismantled, finished and shipped back to the city for anchorage to the bridge. Today they are impressive and functional as they are an integral part of the Manhattan Bridge and skyline.

MANHATTAN BRIDGE

New York, New York

THE WILLIAMSBURG BRIDGE

New York City, New York

GC: Koch Skanska, NYC
Architect: New York City Department of Transportation

The Landmark Williamsburg Bridge is the largest of the three suspension bridges that span the heavily-navigated Ease River. Construction on the bridge, the second to cross this river, began in 1896, with Leffert L. Buck as chief engineer and designer, Henry Hornbostel as architect and Holton D. Robinson as assistant engineer. The bridge opened on December 19, 1903. Upon its completion, it became the longest suspension bridge in the world. The first elevated train went into service on the bridge in 1905. This bridge and the ManhattanBridge are the only suspension bridges in New York City that still carry both automobile and rail traffic. The massive suspension bridge connects the Lower Ease Side of Manhattan at Delancey Street with the Williamsburg neighborhood of Brooklyn on Long Island. Allen Architectural Metals Inc. was responsible for the recreation of large-scal torcheres that illuminate both sides of this bridge. These massive torcheres were fabricated from steel and a combination of cast iron components. Allen was also responsible for the recreation of the large decorative bronze figure-heads and bandings that mark the entrance to the bridge.

Allen Architectural Metals Inc. was selected to re-create the four large-scale electroliers that illuminate both sides of this bridge. These were fabricated from steel and a combination of cast iron components. Allen was also responsible for the re-creation of the two sets of decorative bronze figure-heads and bandings that mark the entrance to the bridge on the Brooklyn side. These massive figure-heads were molded and cast in bronze as exact replicas and polished to a satin finish. The laurel leaf banding surrounding the illuminated obelisk that support the figure-heads have been molded and cast in bronze to match the originals from the bridge as well. Much time and attention to detail was necessary to bring the giant of a bridge back to its original luster.

WILLIAMSBURG BRIDGE

New York, New York

CHICAGO/ STATE STREET SUBWAY KIOSK

Chicago, Illionois

GC: Walsh Construction, Chicago, Il
Architect: Skidmore, Owings, & Merrill, Chicago, Il.

In 15 years of business Allen Architectural Metals has been a constant supplier to the City of Chicago. Numerous designs have been created for street amenities and subway entrances. The State Street/ Chicago Street Red Line Subway Kiosk are fabricated with a steel frame structure and clad with delicately hand carved cast aluminum panels and trim. The master carver incorporated wheat and grasses that are native to the Chicago landscape into the design of the aluminum panels under the close direction of the architect. The finishing of these structures incorporates a high-end automotive paint with high contents of metallic and pearl. Allen Architectural Metals skillfully crafted these kiosk including the glass windows, glass roofing, hardware and gates.

WACKER/WABASH SUBWAY KIOSK

Chicago, Illionois

GC: Walsh Construction, Chicago, Il

The Wacker /Wabash Subway Kiosk's modern design and contemporary form have been crafted using steel framing and cladding. The open spacious design is accented by the large spans of glass that make up the roof system and eaves. This streamline structure is a functional element for the Chicago Department of Transportation and fits seamlessly into the streetscapes of the city. Allen Architectural Metals Inc. fabricated this structure including the glass and transported it to the city. Creating architectural forms that serve as functional designs is a company specialty.

CHICAGO & STATE STREET
WACKER WABASH KIOSK

Chicago, Illinois

THE FOX THEATER

Hutchison, Kansas

Architect: Killis Almond Associated, San Antonio Texas

The Fox Theater is an example of the theatrical, architectural details that flourished after the industrial revolution and the wide use of cast iron as a building material. The ornate elements of the ticket booth were originally carved and sculpted into master patterns then cast in iron with a painted finish. Allen Architectural Metals Inc. re-created these cast elements in aluminum keeping their original, ornate designs while requiring less maintenance of the booth for the owners. The fabricated booth has a gilded gold finish and custom designed, frosted glass windows as specified by the architect. The completed booth sits like a jewel box welcoming patrons into this historical theater.

FOX THEATRE

Hutchinson, Kansas

UNITED STATES WORLD WAR II MEMORIAL

Washington D.C.

GC: Tompkins, Grunley, Walsh, Washington D.C.

Allen Architectural Metals Inc. was honored to provide services and products for the World War II Memorial. The company fabricated and installed all bronze handrails through the Memorial, the bronze doors and bronze gates for the pump house, and the bronze lettering which appears underneath the Atlantic and Pacific Gazebos. All of the bronze components were hand polished to a satin finish and sealed with a clear coat. Cast Aluminum was also incorporated in the design with decorative grating surrounding the fountain. Allen Architectural Metals Inc. was also responsible for the fabrication of steel gates in the Comfort Stations and an assortment of cast decorative metals featured in the Memorial.

WORLD WAR II MEMORIAL

New York, New York

ALLOYS & FINISHES

ALLEN ARCHITECTURAL *Metals, Inc. items or products each* RECEIVE THE MOST *technologically advanced paint system* AVAILABLE, AS DETERMINED BY *the alloy cast.*

IRON & STEEL: Iron and steel pieces receive a zinc rich base coat followed by a two part epoxy primer. Finish coat color is determined by the client. A clear protective coating is available upon request.

ALUMINUM: Aluminum pieces receive an acid based etching base coat followed by a two part epoxy primer. The finish coat color is determined by the client and a clear protective coating is available upon request.

BRONZE, BRASS, NICKEL SILVER & EXOTIC METALS: Bronze and exotic metals are available in a wide variety of finishes from satin to highly polished mirror finishes. Statuary patinas are available upon request.

ANTIQUE FINISHES: Double process finishes are available to enhance the intricately detailed surfaces of ornamental castings. This process consists of a single finish color base coat, followed by the application of an antique coat in a contrasting color. This Antique finish is hand-applied and may vary from piece to piece.

ALLOYS

Cast Bronze

Polished

Patina

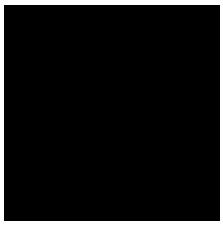
Cast Aluminum

Natural

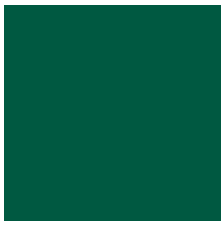
Polished

FINISHES

Standard Finishes

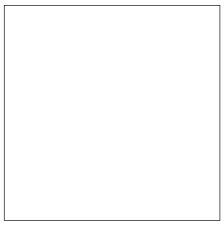


Black



Charleston Green

Dark Bronze



White

Custom Finishes

Rust

Verde Green

Weathered Bronze

100 Homer Drive Talladega, AL 35161