

Distinctive Railing Systems

2012 CATALOG | #64



O.U. Children's
Physicians Facility
Oklahoma City, OK
Miles Associates



Button Rail
See pages 28-29



LED Illumination for Every Livers Handrail System
See pages 12-13



A History of Innovation

From our first days as a foundry in 1946 to today, our family has constantly looked for new ways to bring innovation and value to our customers. New ideas and new solutions emanate from our Midwestern headquarters every day.

Long ago we embraced an inventive spirit with a passion for extraordinary design. But design by itself was not enough. Our commitment has always been to match function with beauty. Our products never forsake sound engineering and manufacturing principles.

Cost, function, design and installation are equal partners in a Livers Bronze designed and manufactured railing system. Since 1946 our reputation of quality and innovation has been our most precious asset. We invite you to join the Livers family of customers and partners.



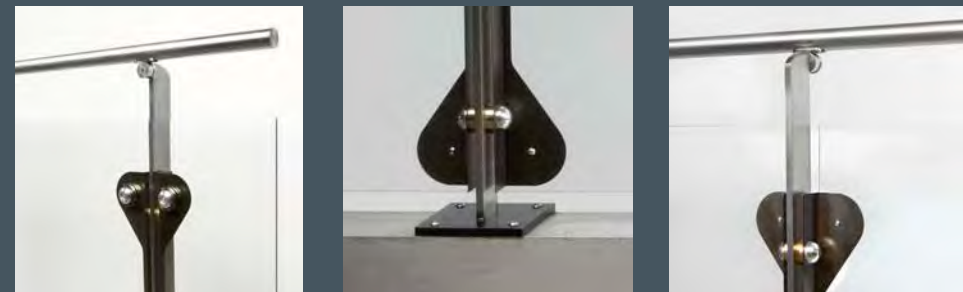
To Mix or Not To Mix Metals

NEW Matrix

That is the question. The Matrix handrailing system is inspired by the appeal of mixed metal jewelry. Multiple finishes are available and interchangeable, allowing for a completely customized look. Finish options include blackened steel, polished aluminum, satin and polished stainless steel, and antique, satin or polished bronze. Intermix them or not to achieve the perfect complement to any motif or design.

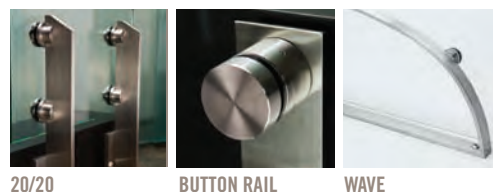
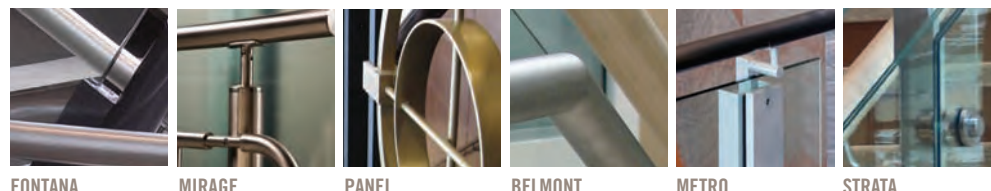
Matrix's clean design makes it uniquely flexible. It places the mix of metals and choice of infill panels in the spotlight, which is valuable for architects who lean toward putting their exclusive stamp on the overall look.

The system's distinctive glass support buttons handle $\frac{3}{8}$ " or $\frac{1}{2}$ " tempered glass panels. Post mounting options are many and, like all Livers handrailings, Matrix is a solid, pre-engineered system that will endure a lifetime.



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Not Just Another Pretty Face

Our passion for extraordinary design is only matched by our commitment to building products that are engineered to perfection. When you work with Livers Bronze there is no guesswork to the process. Pieces and parts fit together in perfect form and function for years, without worry.



Offutt AFB Renovation
Omaha, NE
HWA Architects



Go to LiversBronze.com
for detailed product specs.

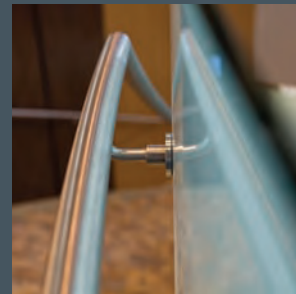
The Illusion of Floating Glass

■ Blok

Created to allow for maximum adjustability for field tolerances, the pioneering Blok system gives the floating glass illusion desired in glass railing design. The point supported structural glass system uses high strength machined steel Bloks to support 1/2" tempered glass balustrade panels.

- Blok is available in powder coat, stainless steel, bronze, perforated metal and wood finish covers
- Three mounting style options, each individually tested for performance compliance
- Mounting blocks are field welded to embeds at time of field measuring

Achieve stunning results with lower material cost, reduced installation time and multiple finish opportunities.



Glass Panels



"Floating" Glass Design



Stainless Steel Rail



Cass Medical Center
Harrisonville, MO
Hoefer Wysocki
Architects

LiversBronze



Worcester Trial Court Complex
Worcester, MA
Shepley Bulfinch
Richardson & Abbot



JCCC Regnier Center
Overland Park, KS
Gould Evans

Struct-U-Rail

Struct-U-Rail

The versatile Struct-U-Rail system is the industry's premier glass supported railing. Simple elegance combines with high-performance functionality to create a visually appealing stair or balcony system. A continuous 2½" x 4" tall aluminum base profile, field glazed in ½" or ¾" tempered glass panels, features optional side-mounted railings incorporating standard brackets and inserts.

- Top cap railings offered in aluminum, stainless steel, bronze and selected hardwoods
- Formed metal trim available in all metals and finishes
- Stainless steel or painted metal incorporates exclusive V-Cut "coining" process

The complete system is detailed and factory fabricated for precise fit and finish.



Smoke Baffle
Complement the Struct-U-Rail system with a smoke baffle (draft curtain) system. Lightweight assembly and no glass pre-bonding allows for maximum installation flexibility.



Symbol of Craftsmanship

Icon

The Icon system, with its double bar post design, is a flexible solution for creative designs and finishes. The vertical posts are available in stainless steel or powder-coated steel. This system exudes European style, but is American made to meet the demanding U.S. code. Icon's versatility allows it to be furnished with either tempered glass infills or stainless steel framed panels with a variety of mesh or perforated metal options. The infills are complemented by stainless steel clamps or our adjustable stainless steel "Rod and Pistons" to hold them in place.

- Final rail finishes include powder coat, satin or polished stainless steel, or bronze and wood elements
- Pre-engineered railing system meets loading and performance standards
- Livers creates and assembles the entire system to deliver a complete product



Go to LiversBronze.com for product details and specs.

John Deere Marketing and Sales Facility
Olathe, KS
Holland Basham Architects



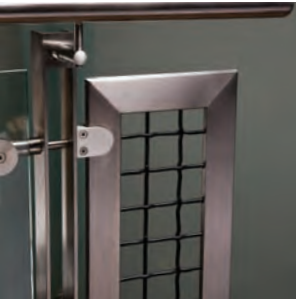
Stainless Steel Clamp



Stainless Steel Rod & Piston



Perforated Stainless Steel Metal



Powder Coated Steel Wire

Arc

Referred to as a “timeless classic” due to its longevity and truly unparalleled design, the Arc system stands out with strong elements incorporating powder-coated posts with a wide selection of railing finishes. From stainless steel to hardwoods, Arc railings add a touch of excitement to the overall architectural design.

- Bent glass panels accommodate radius railings
- Compatible fittings for adjacent wall mounted railings
- Available in two infill options: tempered or laminated glass and stainless steel cable
- Versatile system includes multiple color options, top railing material/finish choices and optional grip railing



“Livers has been easy to work with to resolve the challenges and unique requirements of our jobsites.”
 —David E. Meinzer,
 Husker Glass Company



Bismarck Airport
 Bismarck, ND
 Tvenge Associates

Arc with cable infill

This railing infill uses 1/4" diameter stainless steel cables with end fittings concealed within the railing stanchion and turnbuckles in line for cable tension.



USC Upstate Health
 Education Complex
 Spartanburg, SC
 Enwright Associates



Arc with glass infill

This railing uses 1/2" tempered or laminated glass panels positioned between and attached directly to the Arc Railing post.



LED Illumination for Every Livers Handrailing System



NEW Illume

LED lighting is all the rage with its ability to highlight any architectural style. Livers is incorporating the energy efficient technology as an option attached to any Livers railing system.

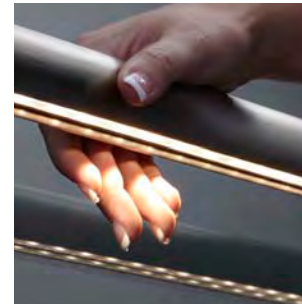
These LEDs aren't an afterthought requiring extra wiring or adhering a glued on strip. Our LED fixtures are fully integrated into any system and recessed into the rail. They are especially gorgeous reflecting above any glass railing.

Beyond the aesthetic appeal are the safety factors. Brains and beauty in one. Livers LED rail lighting reflects brightly on any walking surface, yet gives off a subtle glow that doesn't disturb like harsher lighting does. It eliminates the need for auxiliary lights because LEDs can be placed exactly where they should be placed for public safety.

- UL listed / interior and exterior
- Energy efficient
- Provides own heat sink



PNC
Indianapolis, IN
REA Architects



There's Simply Nothing Like It

*Architectural design is dynamic, so Livers Bronze is, too. We listen to what you want and need and continue to be on the forefront of **INNOVATION**, developing imaginative systems and inventive solutions you'll only find here.*

Cutting-Edge Elegance that Suits Your Unique Design



- **Fontana**
A cost-effective metal railing system that looks, and performs, like the best. Fontana makes a statement with a distinctive exposed glass top edge. The 3/8" tempered glass panels stand at 42" high without a top rail, while the system utilizes a 34" high, continuous, 1 1/2" O.D. assist rail bracketed off the post.
- Allows for unexpected stair rail design with perpendicular posts (*curved stairways require vertical posts*)
- Posts can be either top or side mounted



Fontana

A Vision of Elegant, Practical Design

■ Mirage

The versatility and adaptability of the Mirage railing system is no trick of the eye. We start with a heavy wall stainless steel tube post with internal steel mounting stubs for strength and durability in core drilled, top or side mounted applications. Solid fittings machined from stainless steel are shop assembled to the posts for each unique condition. Infill options are tempered glass, horizontal stainless steel cables, 5/8" round stainless steel rods, stainless steel vertical pickets or perforated aluminum panels. One railing system with many options, carefully packaged in recycled materials shipped to your project. Perfection.

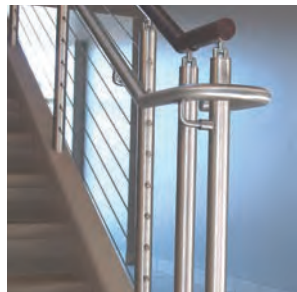
- Choose from three finishes: standard stainless steel, bronze or powder coated steel
- Perforated metal panels available in multiple colors



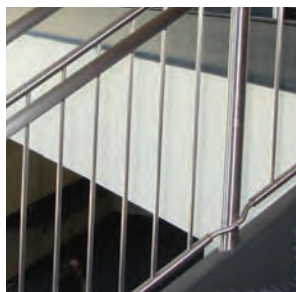
See pages 12-13 for more information on LED illumination for every handrail system.



Perforated Metal Infill



Cable Infill



Picket Infill

Go to LiversBronze.com for product details and specs.



Southeast Cancer Center
Cape Girardeau, MO
PNM Ltd Architects

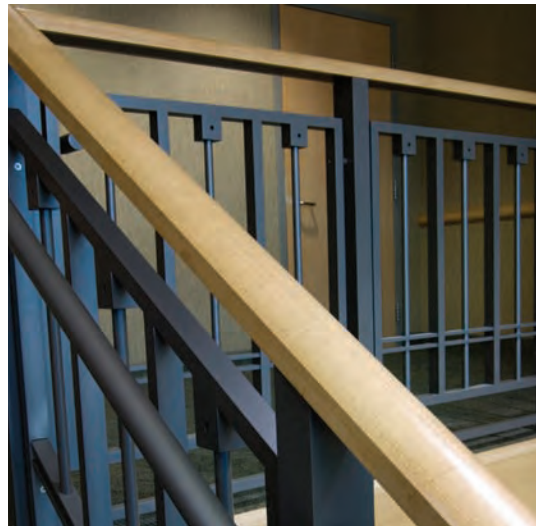
mirage

Full CAD Details and CSI Specs Available Online

Panel

Complete any project – from traditional to contemporary – with the wide variety of decorative infill panel styles in the original Panel Rail system. Mix and match panel styles and colors for an endless combination of visual fascination. All panels are pre-designed 30" square modules for level applications, with half and custom-size panels available for project flexibility. The aluminum system is furnished in a powder-coated finish and is available with all options necessary to complete installation.

- Choose from a selection of cap rail materials and shapes
- Standard aluminum post measures 2" x 3"
- Multiple color options for the post and panel



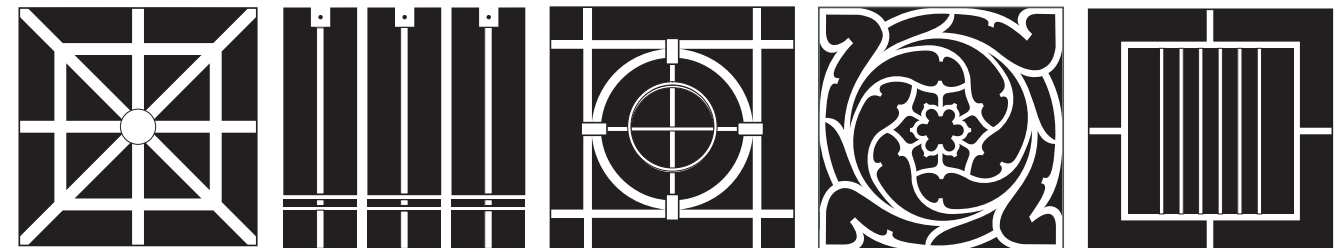
Fabricated and Water-Cut Styles Available

Lindenwood Center
for Performing Arts
St. Charles, MO
Hastings & Chivetta



Committed to Responsible Railings

What are railings made of? At Livers Bronze, we use sustainable, recyclable materials in our systems, promoting a lean and **GREEN** impact. Plus, unlike many other railings that are imported from Asia, we manufacture our own systems in the U.S.A., reducing the environmental footprint associated with overseas logistics.



Multiple Panel designs available. Go to www.LiversBronze.com for more.



■ **Belmont**

Cold rolled steel bar posts with powder coat finish make the Belmont an economical choice with the look and feel of fine design. The top rail and 3/8" tempered glass panels mount to the post with machined stainless steel fittings. Top and assist rails are available in 1 1/2" diameter tubing with a nice selection of finishes.

- Bent glass panels accommodate radius railings
- 20 standard powder coat finish colors



Powder Coated Post

Optional Stainless Steel Post

Tempered Glass Infills



UT Savage Hall
Toledo, OH
SSOE Architects

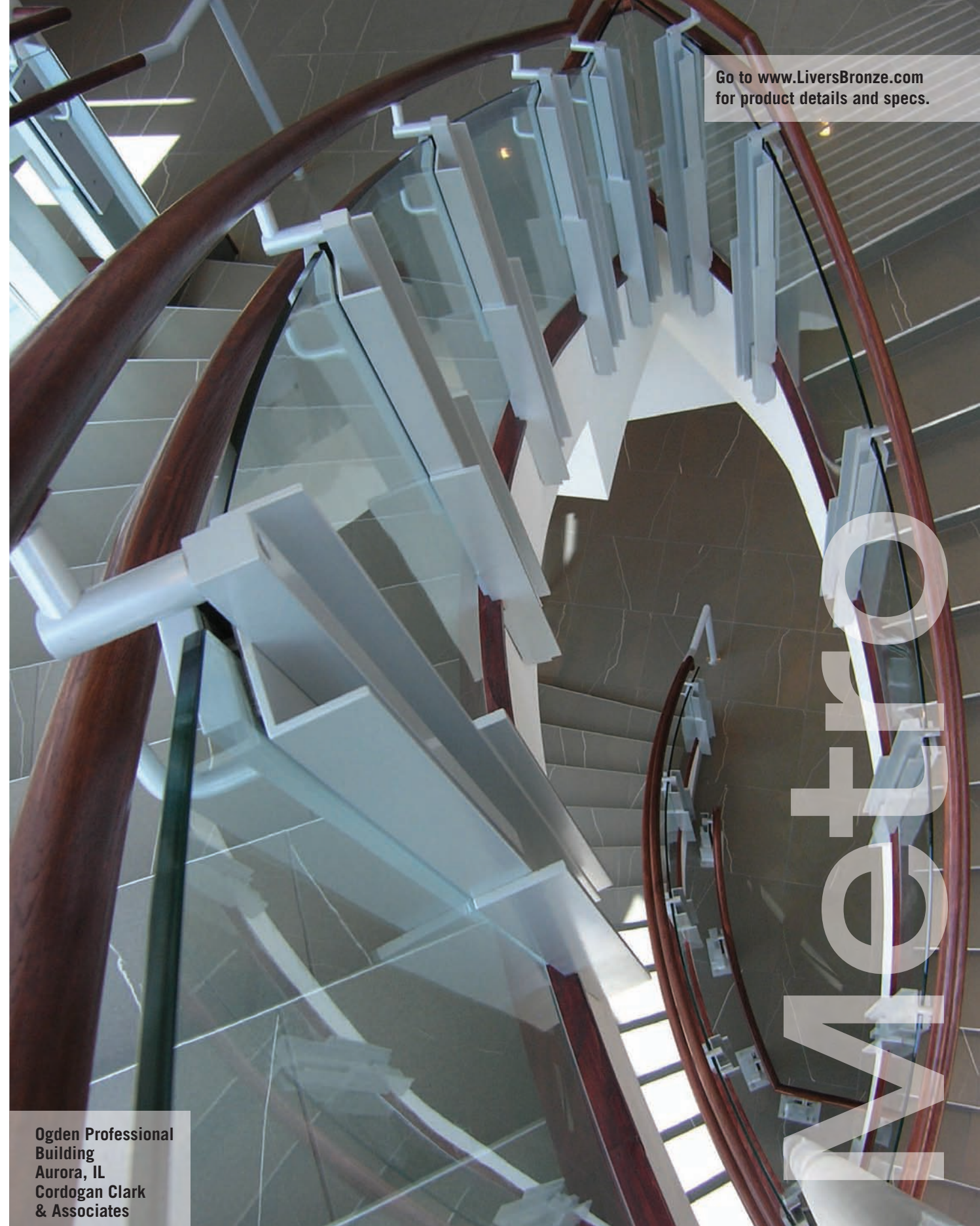
Belmont

A Modern, Metropolitan Feel Along Every Step

■ Metro

The classic Art Deco appearance of the Metro railing system is right at home in any urban structure. Metro combines powder coated aluminum posts, ½" tempered clear or obscured tempered glass with a choice of material finishes for the top and optional side mounted hand railings.

- Radius conditions use bent glass panels
- Standard color powder coat finish
- Wide and thin post options available



Go to www.LiversBronze.com
for product details and specs.

Design with Confidence and Ease

*Livers Bronze makes your job easier with the innovative systems you want and the design support you need. All of our railing systems offer online access to full **PRODUCT DETAILS AND SPECS**, incorporating building information modeling (BIM) software to save you time and ensure spec precision.*



Ogden Professional
Building
Aurora, IL
Cordogan Clark
& Associates

Send Your Design Into the Stratosphere

Strata

Combine the clean appearance of stainless steel with clear, obscured or colored tempered glass and discover the Strata system. The design uses $\frac{3}{8}$ " tempered glass panels that overlap each other at each post and are mounted with a single pin, creating a striking strata-style, or layered look. Several variations exist for mounting and railing configurations as well as glass design styles.

- Three finishes available: stainless steel, bronze (handrails) or powder coated steel (posts, handrails)
- Top or side mount options available

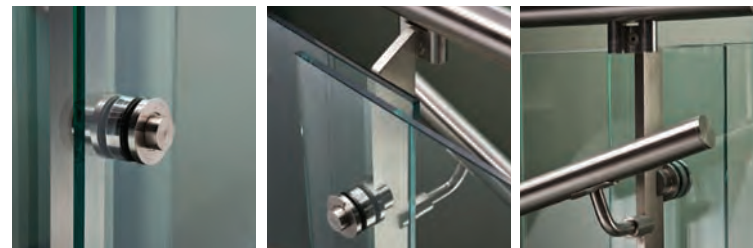
Stratawall

Create a modular wall that provides a visual screen, or simply amp up aesthetic value with Stratawall. Panels can be template-cut into different patterns or shapes using clear glass, frosted glass, textured glass or colored glass to set any project apart.

- System uses $\frac{3}{8}$ " tempered glass panels that overlap each other at each post
- Standard panel widths are 4' with a 12' maximum post height
- Demountable system can be reconfigured or relocated as needed



Stratawall



Single Pin Mounting

Overlapping Glass Panels

Side-Mounted Handrail

KCI Combined
Rental Car
Facility
Kansas City, MO
Coover-Clark &
Assoc.
Architects





You Can See Clearly Now

20/20

The ground breaking 20/20 railing system has perfect vision. The clean look of a glass railing system combines with stylish low-profile stainless steel supports that can be either side or top mounted to the building structure. Superb strength, coupled with a variety of handrail and bracket combinations, make the 20/20 ideal for a variety of design situations.

- Beautifully finished maintenance-free stainless steel and highly styled buttons support 1/2" tempered glass panels
- Supports can be spaced at wide intervals (4' max) allowing for lower material and installation costs



Stylized Buttons



Wide Interval Supports



Imagination Gone Wild

Occasionally we let our imagination run wild. Then we harness that creative energy, and add a good dose of functional logic and environmental stewardship. The results are distinctive railing system designs that are innovative, yet practical.

Go to LiversBronze.com for detailed product specs.



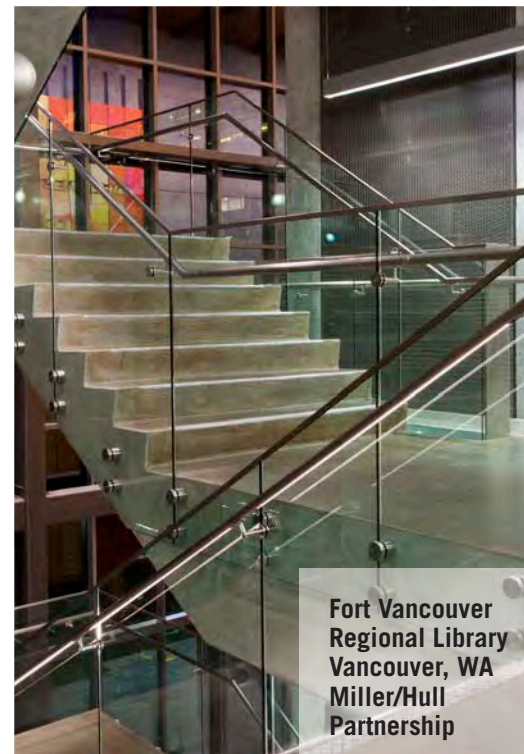
Kansas
Bioscience
Accelerator
Olathe, KS
PGAV Architects

LIVERS
BRONZE

SSM St. Claire
Health Center
Fenton, MO
HGA Architects



Elegance Meets Function



Fort Vancouver
Regional Library
Vancouver, WA
Miller/Hull
Partnership

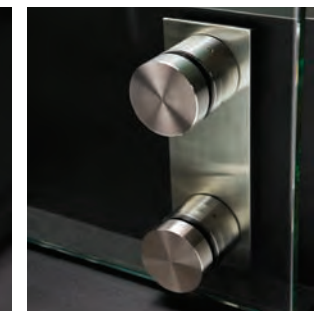
■ Button Rail

Redefine glass railing with the elegance of the Button Rail system. The point-supported structural glass railing system side mounts to a balcony/stair using a steel back plate and stainless steel mounting "buttons" which hold ½" tempered glass panels in place, giving the appearance of floating glass. The button is adjustable in all directions, allowing for tolerances associated with glass and steel surfaces.

- The back plate can be exposed or concealed by drywall, stone, cover plate or other wall material
- Extensive product testing ensures structural stability, flexibility, quality, and cutting-edge railing design



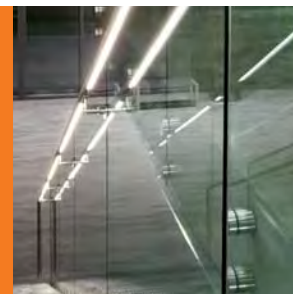
Concealed Mounting



Backplate Mounting

Brighten Any Design with NEW Illuminated Rail Options

Now you can add innovative illumination options to any of the Livers rail systems. Long-life, low-powered LED lighting strips enhance and brighten your project. And they last up to 50,000 hours, so you don't have to worry about frequent replacement. See pages 12-13, or LiversBronze.com for more details.



Wave



Architects

An architect's name might not be emblazoned on the building, but the feelings of ownership and pride are just as strong. Almost every building has its own unique feel and sense of style. It's the architect's job to meld these together in a way that is functional and enduring.

We feel the same way about our handrailing systems. Livers Bronze is one of the last remaining U.S.-based handrailing manufacturers, and we've been in business since 1946. Every aspect of design, manufacturing and testing is performed right here in the Midwest by skilled craftsmen, most of which have been with Livers for decades. In fact, products designed by the first generation of Livers are still used today in some of the most historic buildings in Kansas City and around the world.

Now the third generation is at the helm of our design and manufacturing operations. There are some things that have changed over the years. Livers Bronze is part of the process for LEED certification. All of our handrailing systems are manufactured with recycled materials. Even the wood we use is FSC certified. We're big believers that green isn't just a color. It's a way of life.

The Ebb and Flow of Railing

NEW Wave

The Wave railing system is the latest innovation in Livers Bronze's long line of distinctive designs that are often imitated, but never duplicated. The elliptical Wave is difficult to copy, since the waves are created with a unique bending process – a Livers innovation.

Architects will be blown away by Wave's ability to deliver a trompe d'oeil effect. These stylized metal waves, supporting 1/2" tempered glass, seem to move along with the ebb and flow of the building, as well as mimic the flow of its occupants.

The elliptical metal surface mount attachment devices create the illusion of waves, however the Wave handrailing system is for flat application only. Wave can be crafted in stainless steel or steel with a wide variety of powder-coated color options.



Contractors

Livers Bronze handrailing systems are different right out of the box. Yes, literally out of the box. Our handrailing systems arrive in perfect condition ready for assembly with drawings and instructions written in plain English.

They are designed, manufactured and packaged for delivery in a way that one sub can handle the entire project from start to finish. *No glass guy. No wood craftsmen. No painters. No separate services. Just one sub – from unpacking and assembly all the way through installation.*

Livers Bronze is one of the few U.S.-based handrailing system manufacturers left. We are solidly rooted at our 127,000 sq. ft. building in Kansas City, Missouri. Every square inch is dedicated to manufacturing and customizing handrailings. Our operations, fabrication, metal finishing, machining, rolling and bending, sheet metal work, laser and tube laser cutting, and state-of-the-art system testing happens under one roof – our roof by our skilled craftsmen. Livers is bondable and insurable, and we're not going anywhere.



Icon See pages 8-9



**Family-owned
Since 1946**

Made in the U.S.A.

Family-owned Livers Bronze is one of only a handful of companies still manufacturing railing systems, from design to installation, in the U.S. at its Kansas City, Missouri headquarters. Now under the leadership of the third generation of Livers, the company sees our “Made in the U.S.A” heritage as a symbol of American-made quality, and a competitive advantage in the national and global market.

Livers Bronze believes in the design process. Our customizable and distinctive railing appeals to architects looking to make their signature mark in museums, libraries, offices and theaters. Our systems have been installed in buildings worldwide and in all 50 states.

This is what has established Livers as a leader in handrailing design and distinguished our family company further apart from the competition. And this is why Livers has become synonymous with the highest craftsmanship and unique railing design.

LIVERS BRONZE

DISTINCTIVE RAILING SYSTEMS

4621 East 75th Terrace
Kansas City, MO 64132

Phone: 816 300 2828
Fax: 816 300 0864
Website: LiversBronze.com

To help plan your next rail project,
complete CAD Details and CSI
Specs are available
at LiversBronze.com

Make a **Bold** Statement



Belmont
See pages 20-21