



Monroe Bldg,  
IL



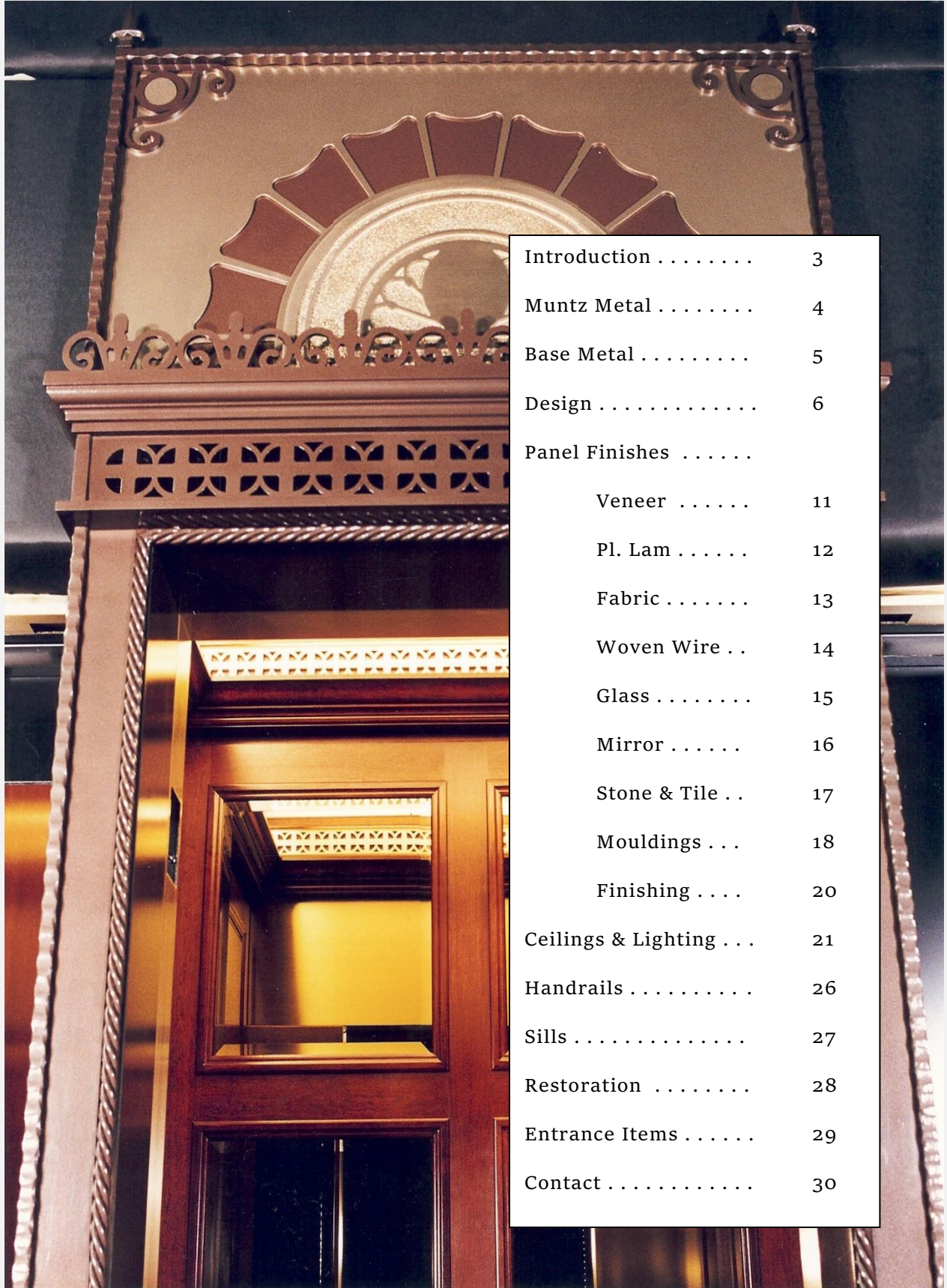
Franklin  
Court, DC



## Traditional Cab Brochure

### GLOBE ARCHITECTURAL & METALS GUIDE TO CUSTOMIZING A TRADITIONAL-STYLE CAB





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*Traditional-style elevator cabs originally began with the boost in steel production in the late 19<sup>th</sup> and early 20<sup>th</sup> century in cities such as Pittsburgh and Cleveland. Steels affordable price, along with a booming economy, gave way for production of high-rise buildings. These highly budgeted projects brought in some of the most famous architects from around the world. The taller the buildings got, the higher demand for elevators became. Ever since the construction of the first elevator came to be, so did the need to provide the same acknowledged, architectural look as the rest of the building.*



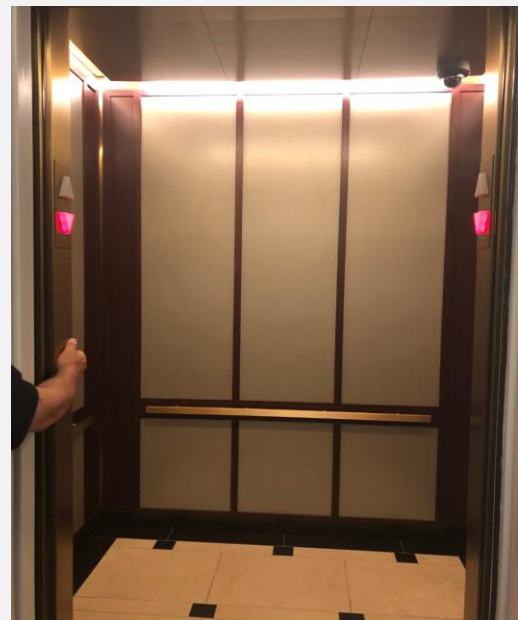
1500 N Sheridan, IL

*Globe Architectural & Metals roots date back over 100 years to the original Globe Van Doorn based in Milwaukee, WI. Globe Van Doorn provided the world with some of its most prestigious elevators for the 20<sup>th</sup> century beginning with the original “bird cage” style elevator. Once Globe Van Doorn ceased operations in 1993, Globe Architectural & Metal incorporated a select few craftsmen and metal fabricators from the original company – thus keeping its ability to furnish high-end traditional -style elevator cabs, similar to the ones that were the leaders of the 20<sup>th</sup> century.*



Merchandise Mart, IL

*As time progresses, most new construction buildings are experimenting with modern-style appearances. However, the majority of historical buildings are committed to keeping the classic, acknowledged, and long-established look that they have held for so long. Each building has a unique back story; which is why Globe Architectural & Metals custom cab manufacturing capabilities are determined to give your elevator cabs the historical uniqueness that they are known for.*



270 E. Pearson, IL



Deciding between a traditional vs. a modern style cab comes down to the selection of the base metal that will be used. **Muntz metal bronze** (alloy 280) is the most commonly used fabricated metal for traditional style cabs. Made of 60% copper and 40% zinc, muntz metal bronze is the most widely produced bronze in the world. Due to its relative low cost and versatile use, this metal was most commonly used throughout the 20<sup>th</sup> century and enhanced the charm of commercial and residential buildings world-wide. All muntz metal is polished in-house and treated with a protective sealant to prevent tarnishing.

Below are some of the common types of muntz metal that Globe specializes in.



**#4 satin finish** muntz bronze brings out the prominent, rich gold color to bronze with a fine, straight grain to each piece.

Price: **MEDIUM**



**#8 mirror finish** muntz bronze is a highly reflective material maintaining a highly aesthetic golden muntz color

Price: **MEDIUM**



**Commercial bronze** consists of 90% copper and 10% zinc, producing an appealing reddish color. Available in #4 satin and #8 Mirror.

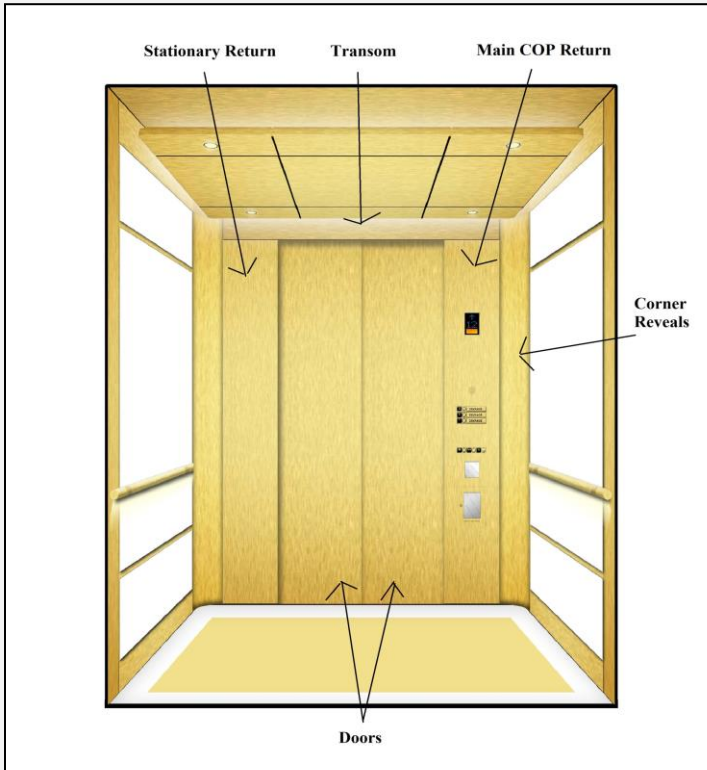
Price: **HIGH**



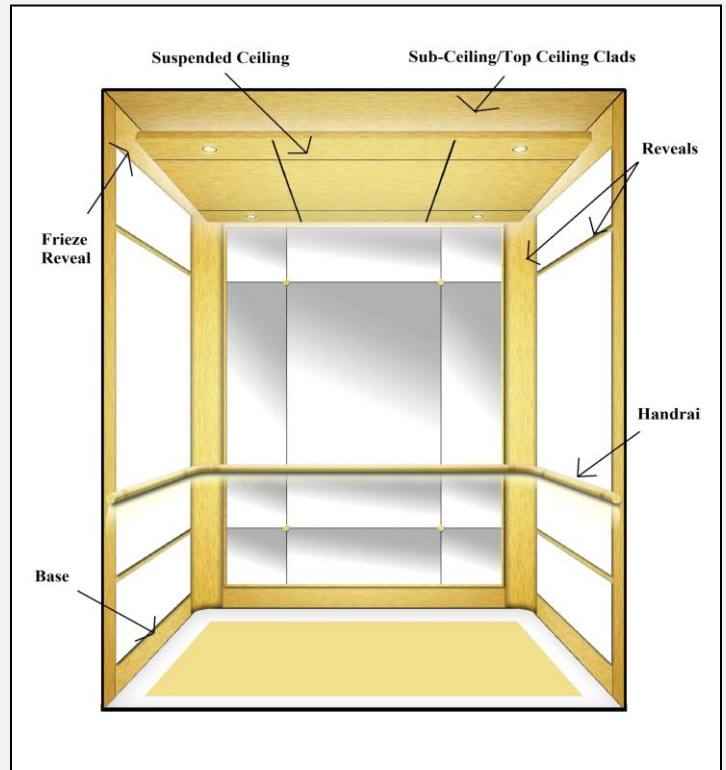
**Oxidized bronze** is a chemical process that brings out a unique brown color to the bronze. Colors range from light brown to black. Available in #4 satin finish.

Price: **MEDIUM - HIGH**

The cabs **Base Metal** is often times applied to the front wall and certain interior sections. The front wall is the main focus of the cab due to the extensive amount of time passengers are fixated on it. This idea makes it important to present a clean looking traditional material like muntz metal.

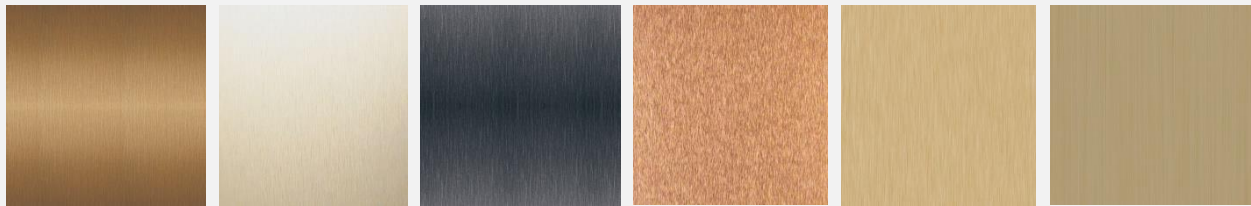


Front Wall



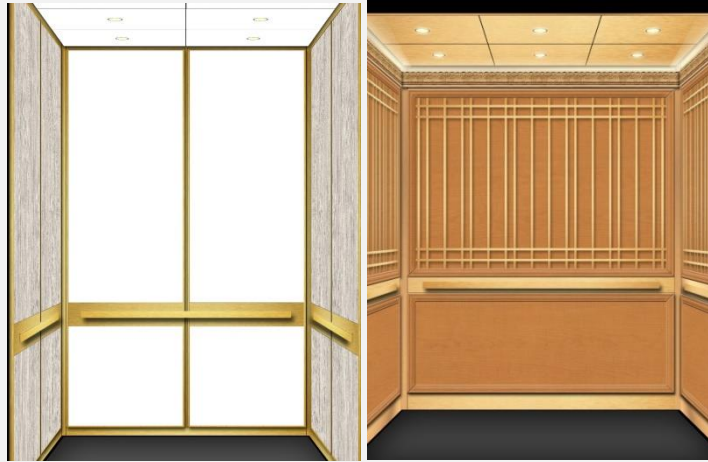
Interior

The interiors of the cab give for the most opportunity for innovation. The interiors spark the first initial impact when entering the cab so it is important to present the “wow” factor. Before choosing from our many different types of wall panels and ceilings, it is important to choose a base metal that the products can neatly correspond to.



For cabs looking to save on weight and cost (depending on the material), **metal laminate** is a great alternative for **reveals and ceiling finishes**. Metal laminate comes in hundreds of different finishes at only .666 lbs. per square foot. Metal laminate is a thin sheet 22 gauge piece of aluminum bonded to a phenolic laminate backer to add depth and strength.

Price: **LOW - MEDIUM**



## Wall Panels

*As a custom cab manufacture, it is Globe Architectural & Metal's priority to bring a buildings, architects, and interior designers ideas into reality while having the most prestigious quality on the market today.*

*Globe specializes in furnishing all of their wall panels to be removable – making maintenance and modernization products much less complex.*

*With hundreds of different cab lay-outs and materials to use, wall panels give the designer the privilege to be incredibly unique.*

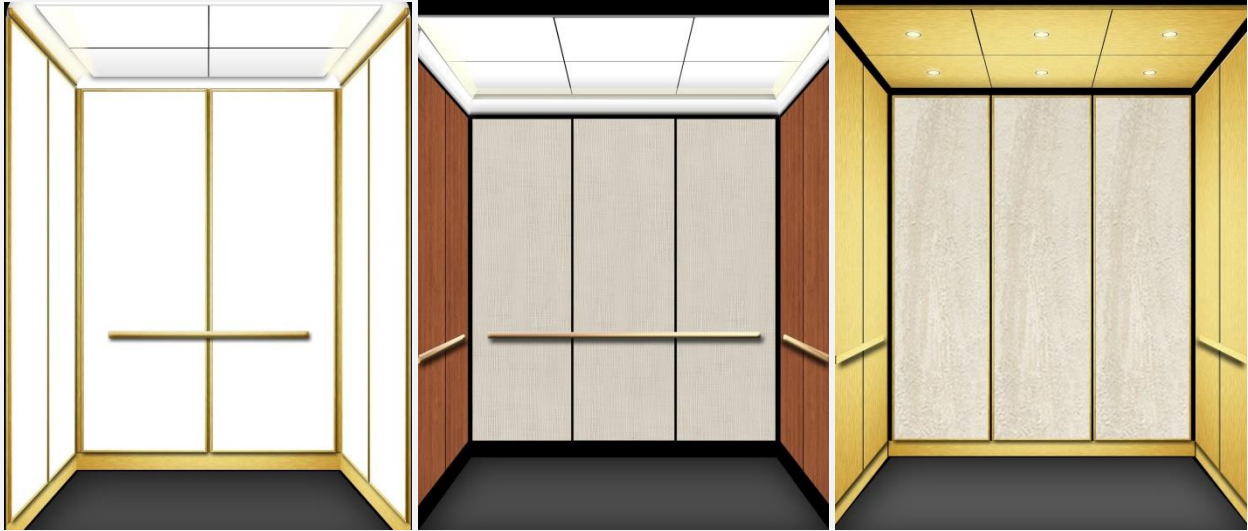


*All of Globe's wall panels are furnished in-house with high quality materials from around the country.*

*It is important to our company that our suppliers hold the same standards as Globe Architectural.*

*Below you'll find some of Globes most commonly used wall panel systems, as well as materials we recommend for traditional-style cabs.*





## The Vertical Panel System

*The Vertical Panel System not only features a clean/simple look to the cabs, but also creates a vision that your cab is taller than it really is.*

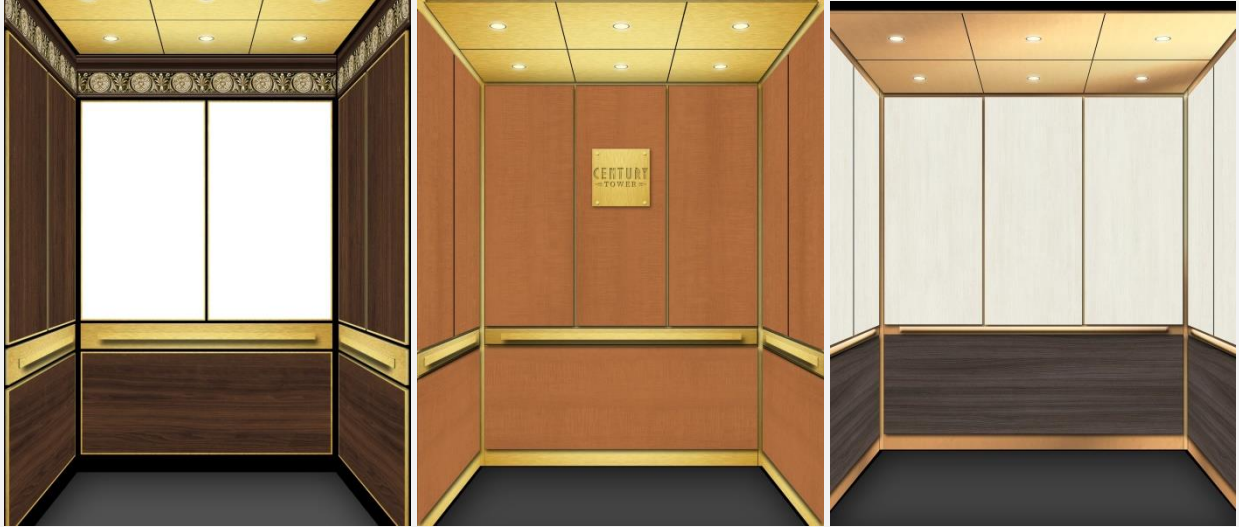
*This system is the most commonly used system in the nationwide – mainly due to the low cost, as well as ease of installation*

Price: **LOW**

### *Globe Projects*

*Located at **SC Johnson** Headquarters in Racine WI, the building incorporated the vertical panel system using white inner-layer glass panels with #4 muntz bronze framing, a six section designer white plastic laminate ceiling with LED trough lighting and a 1-1/2" diameter brushed bronze tube rear wall handrail*





## The Wainscot Panel System

*The Wainscot Panel System is the second most commonly used system among elevator cab interiors. Wainscot Panel Systems are the perfect choice for building looking to blend a nice passenger car look at the eye level, while maintaining a service car durability towards the floor.*

*This system is great for buildings that do not hold a service/freight elevator for loading and unloading.*

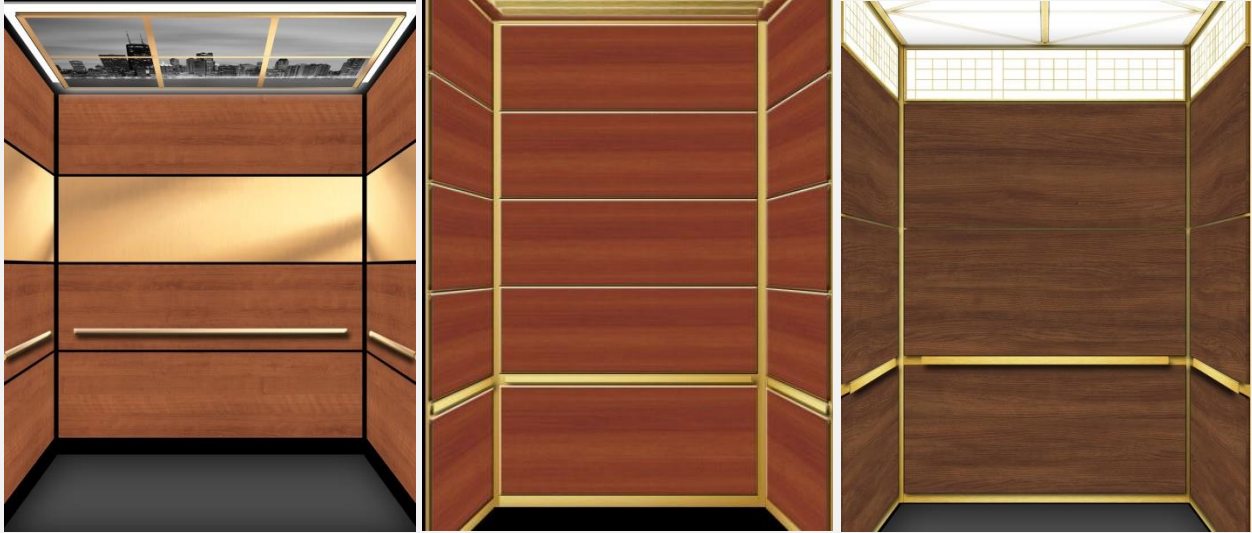
Price: **LOW - MEDIUM**

### *Globe Projects*

*Located at **3520 N Lake Shore Drive** in downtown Chicago, this building used the wainscot panel system with an upper rear wall laminated glass mirror, framed in solid surface mouldings, sidewall uppers laminated white color core with solid surface moulding framing, and a perimeter lit #4 muntz bronze ceiling*







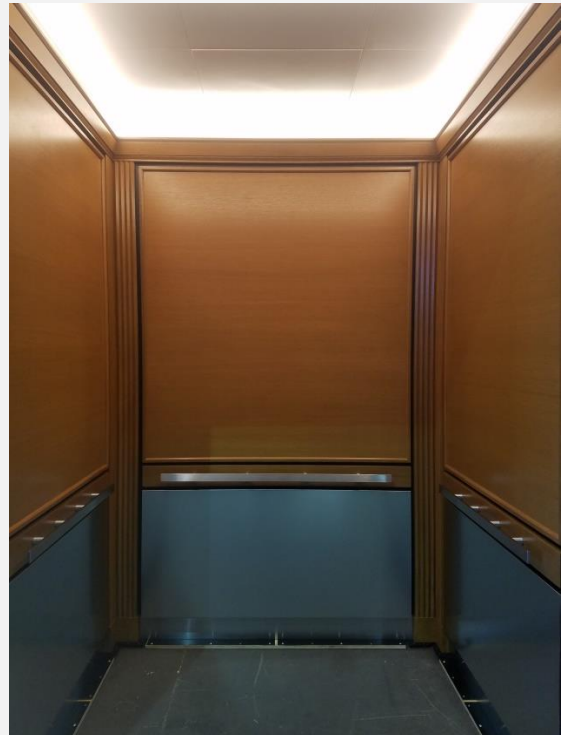
## The Horizontal Panel System

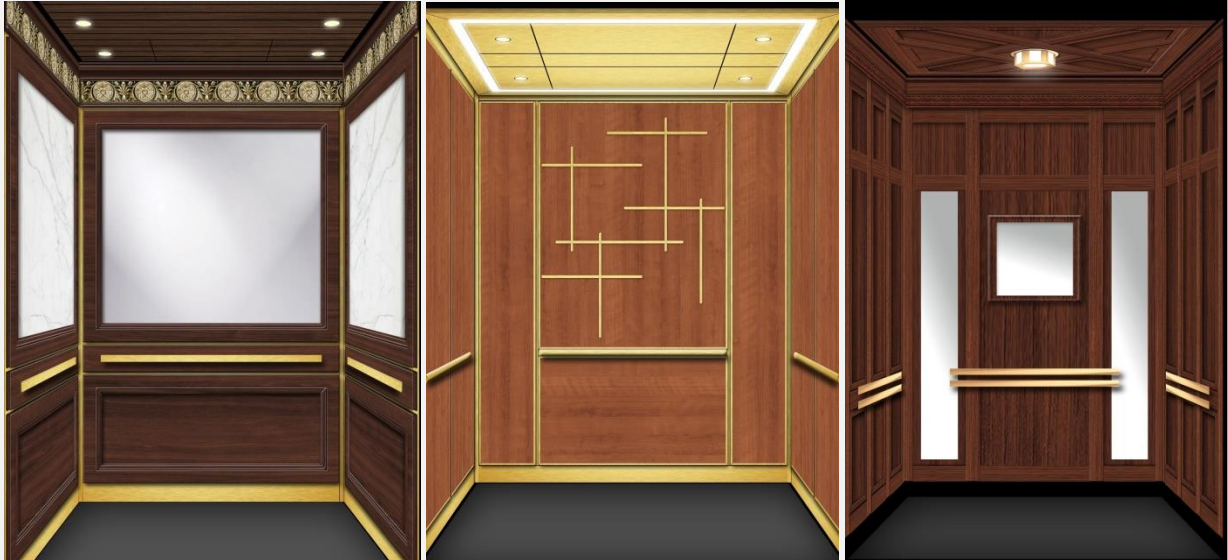
*The Horizontal Panel System incorporates a wainscot style system. This system is great for smaller cabs as this system makes the cabs appear to be wider.*

Price: **MEDIUM**

### *Globe Projects*

*Located at **1500 Hinman** in the suburbs of Chicago, IL, this building customized their horizontal panel system with upper wall Rift Sawn White Oak veneer panels, adding a touch of modern feel with lower wall Linen Stainless steel and 3/8" x 1-1/2" brushed stainless steel bar handrails, with corner and LED trough white oak solid mouldings, and a reflective designer white plastic laminate suspended ceiling.*





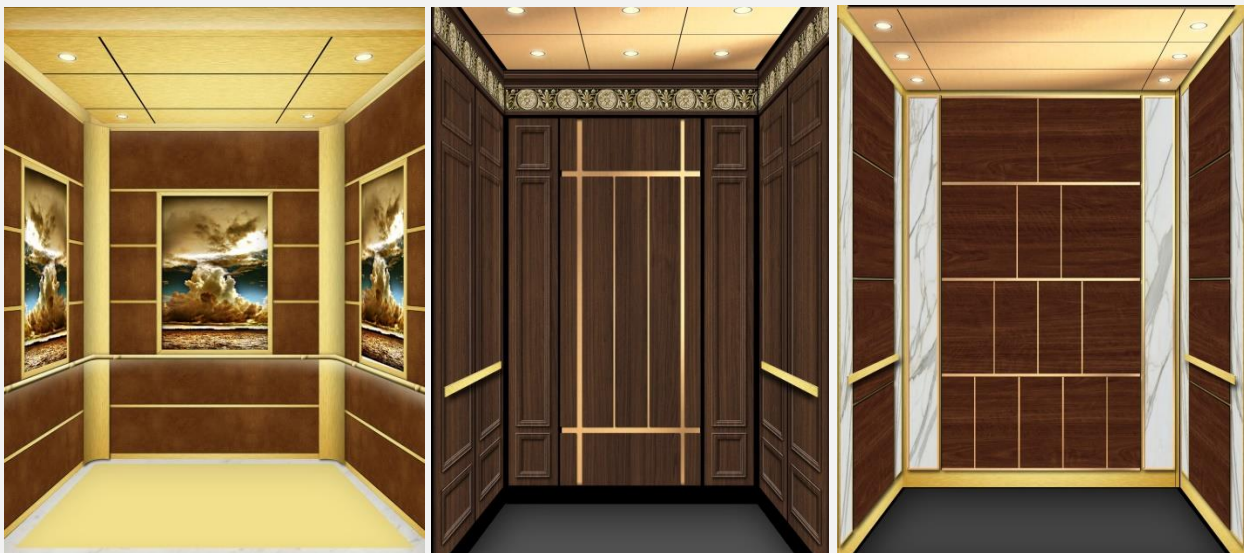
*Don't be afraid to get custom! It's what we specialize in.*

*Separate your building from the rest by adding a unique design to your elevator cabs.*

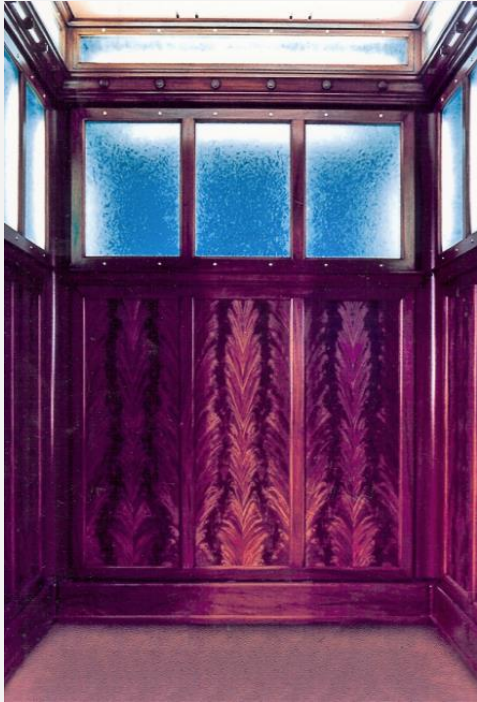
*Traditional does not always mean simple!*

*Please contact Brad, Mike, or Ted in the contact info on the last page to get some ideas for your next new, custom cab design*

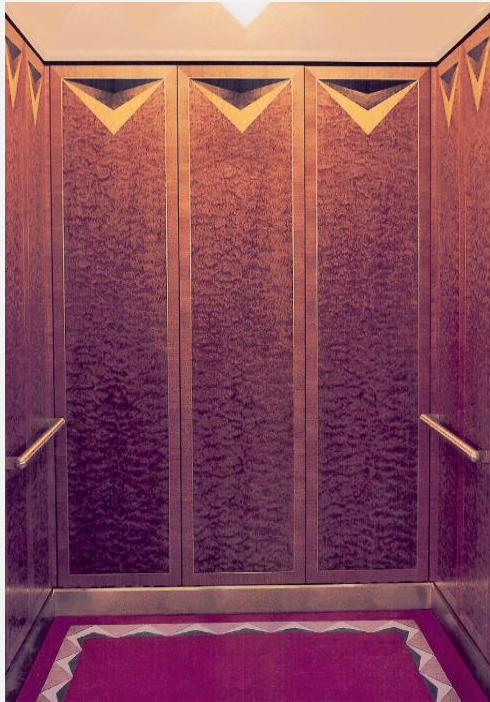
Price: **VARIES**



360 N.  
Michigan, IL



1 N. LaSalle,  
IL



*Globe's **veneer** wall panels are most commonly used for traditional cab projects. Our veneer capabilities extend from standard to exotic flitch patterns from around the world, hand pressing it to a fire-rated substrate, then properly stained to color perfection. Our veneer can be banded edged or framed by Globe. Add a more luxurious appeal to your cab with thousands of different veneer options to choose from.*

Price: **MEDIUM - HIGH**



100 Wisconsin Ave, WI



**Plastic Laminate** is the primary substitute for customers looking to cut costs and prevent maintenance for veneer panels. Plastic laminate technology has well evolved in not only presenting identical finishes for veneer – but also the grain texture as well. Locally based distributors help lower cost and lead times for Globe customer. At .333 lbs. per square foot, it is a great alternative for cabs looking to minimize weight as well.

Price: **LOW**



1 W. Wilson, WI



323 N. Michigan, IL



US Bank, WI



Waldorf Astoria, CA

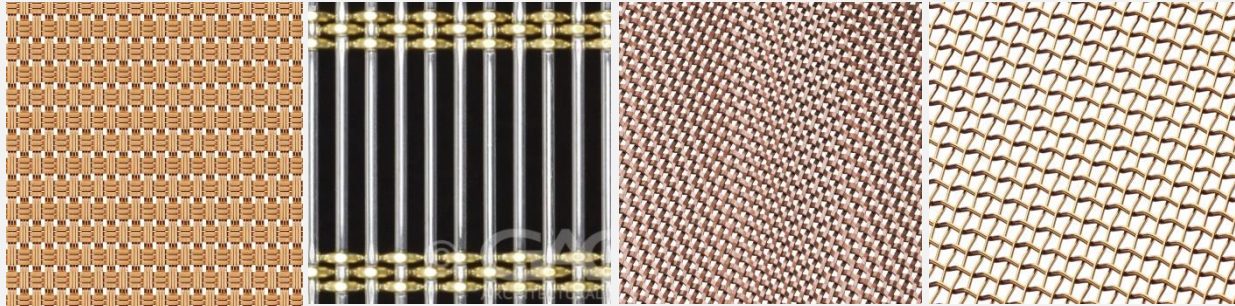
Source: Mitsubishi Electric



***Fabrics*** (as well as other forms of upholstery) demonstrated a sign of wealth upon the first starting production of textile products. Cabs that feature fabric panels also show a similar sign of ornate appearance. All fabric panels are not only adhered to a substrate, but wrapped at all corners and edges to ensure the fabric is secure.

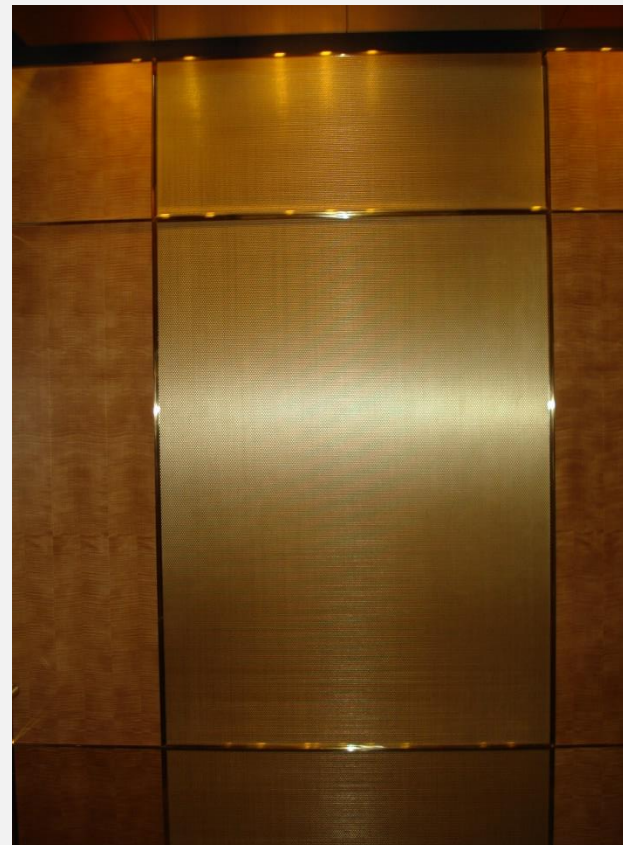
Price: **LOW** – **MEDIUM**

**Please Note** – All fabric must be Class A or B fire-rated to meet elevator code requirements



**Woven Wire** is not limited to solely stainless steel weaves & patterns. The woven wire industry has gained traction at targeting the demand for a highly durable and aesthetic appeal of woven wire by incorporating the highly elegant muntz bronze into the mesh. These products have gained praise over the years by incorporating a mix of modern (stainless steel) and traditional (muntz bronze) into the patterns as well. Generally, the more “closed” mesh the pattern is, the higher cost is associated. As well as, vice-versa, the more “open” the pattern is, the lower the cost.

Price: **HIGH –VERY HIGH**





200 S. Wacker, IL

*It was the Renaissance and Gothic Architecture era where **glass** was first used as a decorative addition to buildings with stained glass windows. It wasn't until the 20<sup>th</sup> century when growing technology not only made glass stronger, but more versatile as well. The appeal, strength, and the maintenance ease associated with glass is what draws architects and designers to this product.*

*Colored inner-layer glass is the most common of architectural glass products. Colors like white can match almost any surrounding materials- making it the most popular. Simple color inner-layer glass is available in 5/16" thicknesses (depending on size) backed on a lightweight aluminum honeycomb substrate, totaling about 5.2 lbs. per square foot.*



209 E. Lakeshore, IL

*It is not only important to Globe that our glass meets the established look of your building, but also that it remains safe to passengers.*

*All of our architectural glass is to be **laminated**. In the unfortunate event that the glass may break, it will not impose any danger for passengers due to lamination.*

*Each piece of glass is to have an **ANSI-bug safety logo** to ensure the passengers that all glass has been inspected.*

*Lastly, **all** of our glass is to have some sort of a framed channel perimeter or solid metal standoffs, securely fastening the glass in place to the substrate – preventing the glass from ever dislodging.*



200 S. Wacker, IL



680 N. Lakeshore, IL



Columbia Club, IL



Belden Stratford, IL



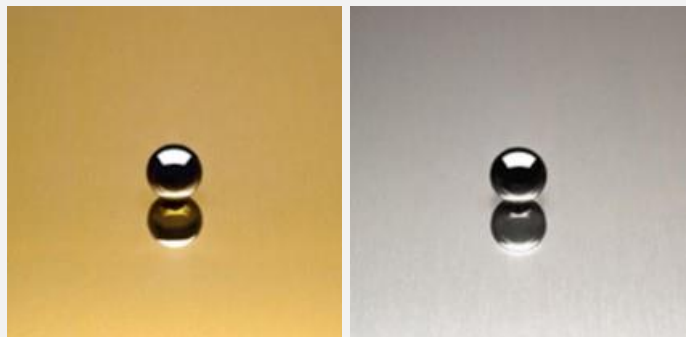
Drake Hotel, IL

The benefits of adding ***mirrors*** to your cabs increases the light output, add charm, and make the cabs look bigger when you may not have much space to work with. Traditional cabs excel with mirrors, and our glass suppliers hold high quality-standards to make sure there are no imperfections.

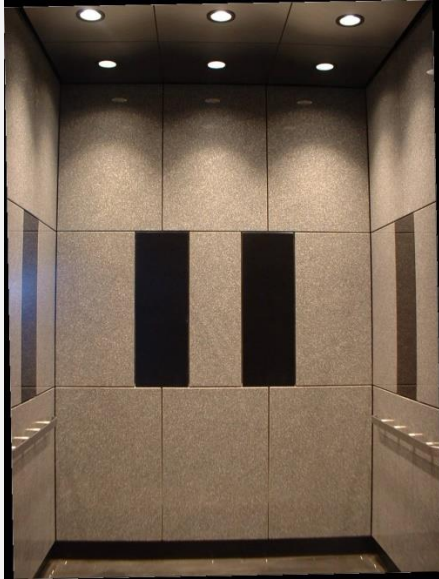
Price: **MEDIUM**

*Metal laminate is a great mirror alternate if buildings are looking to cut weight and often times cost. Available in muntz mirror aluminum mirror, and copper mirror. Some companies specialize in more "antique" mirror laminates as well.*

Price: **LOW - MEDIUM**







3950 N. Lake Shore Dr., IL



**Stone** originated as the most commonly used building material due to its abundance. As time progressed, the luxurious stone became more in demand in what is more commonly known as “monumental architecture.” This kind of architecture strived off of professional sculptors with unique stone. This advancement made stone a more luxurious product for buildings.

Stone has been attempted to be used in many 20<sup>th</sup> century cab projects, but has been altered due to its weight. Today, stone panels are gauged down to ¼” – 3/8” thicknesses to keep the weight down, as well as show the lavish appeal that certain stone brings.

Price: **HIGH – VERY HIGH**



The Rookery, IL



Parkshore Condos, IL

For projects looking to cut cost, as well as weight and lead-time, **porcelain tile**

is the ultimate solution. This tile is purchased in slabs of 5' x 10', ¼” thick, and presents a beautiful representation of some of the world’s favorite architectural stone without the presence of stress marks/faults.

Price: **LOW - MEDIUM**

Before

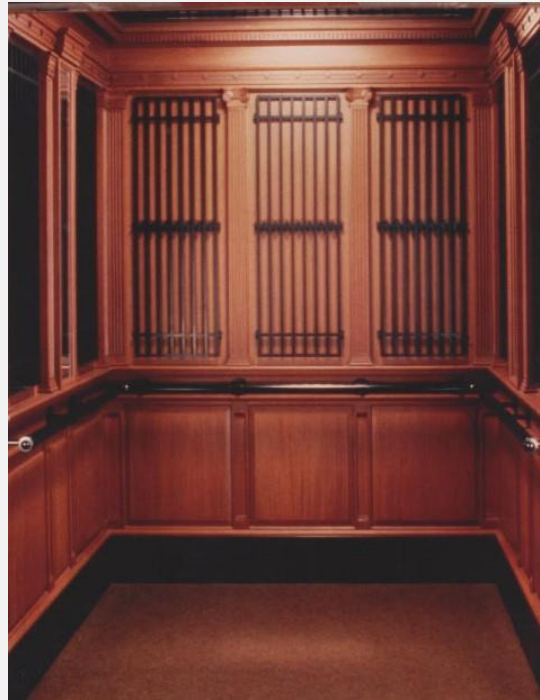


After



The Drake Hotel,  
IL

*The art of **wood mouldings** has dated back thousands of years. Before the technological advances of machinery and man-made products, wood was one of the most widespread building materials in the world. Every piece of hardwood is different, giving the building an exclusive feel. Wood mouldings continued their tradition strongly in 20<sup>th</sup> century architecture – adding much needed beauty to standard cabs.*



*Globe's wood mouldings are made out of real, locally supplied hardwood. Hardwood is shaved, planed, mitered, stained, and fastened to the interior panels all under Globe's roof. Mouldings are individually stained with a fire-rated finish of any color via customer choice. Globe's craftsmen can exceed expectations from any millworker standards. With hundreds of different mouldings to choose from, this addition to your cab is a great way to stand out from the rest.*

Price: **VARIES**

Sante Fe Building, IL



229 Lakeshore Dr., IL

## Crowne & Grille Mouldings

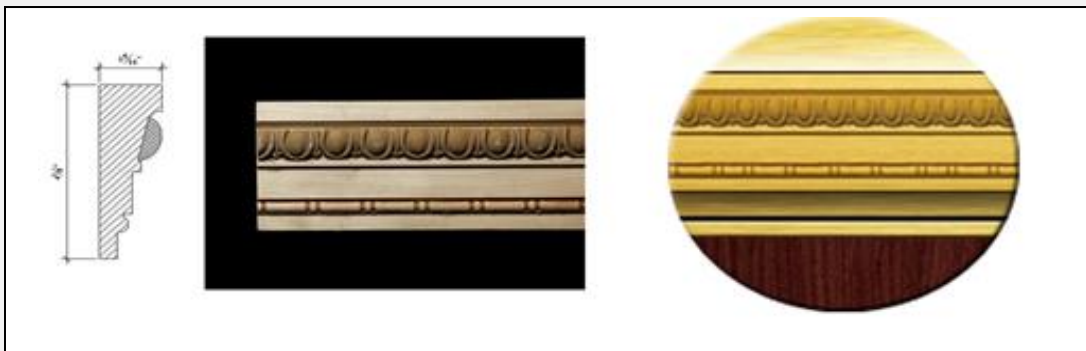
throughout the years has been used to enhance the character of both the interiors and exteriors of buildings. The Victorian era used these mouldings to increase the appeal of furniture. Crown moulding was then added to the interiors and exteriors of buildings to bring out the same custom appeal.

Globes crown mouldings are most often used as a trough for a ceiling. Mouldings can be made of wood, or water-jetted out of solid bronze and/or aluminum.

Price: **MEDIUM - HIGH**



Milwaukee City Hall, WI



St. James Court, IL

1340 Astor, IL

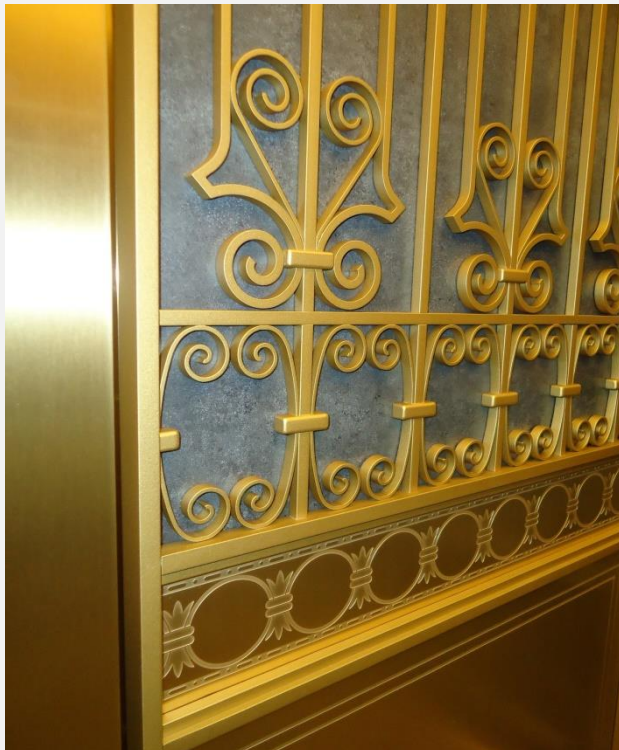


**Etching** is one of the primary ways to bring out a distinct patterns associated with the buildings architecture and carry it throughout the elevator. Etching is a chemical process using strong acid to eat away the metal that is not at all blocked by a resist. Resists, such as a protective vinyl, are custom printed to every sheet/metal for accuracy. As being a less time consuming process versus traditional engraving, etching has remained significant over the years in providing prestigious custom designs to metal material in elevator cabs

Price: **MEDIUM - HIGH**

Customers looking to have more of a prominent, protruding piece of custom metal added to their elevator cabs should look at **water-jetting** metal material. Most often used with bronze or aluminum, this process brings out a distinct pattern associated with a building such as signage or a building logo itself.

Price: **MEDIUM - HIGH**

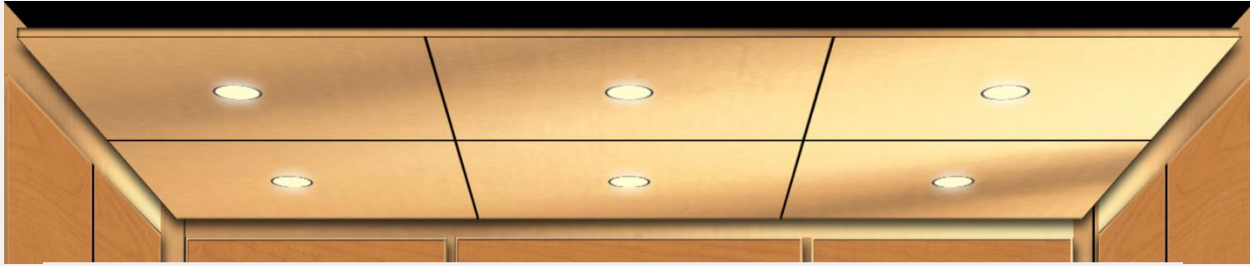


Wisconsin Historical Society, WI



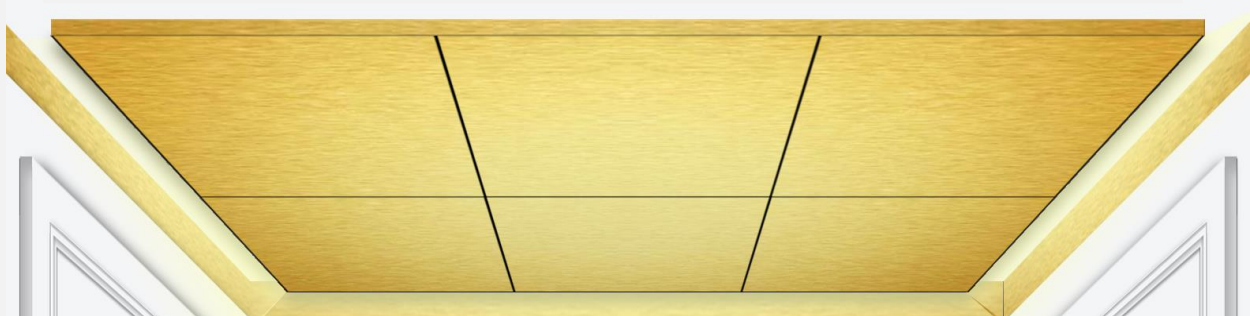
Northwestern Mutual, WI

## Our Standard Suspended Ceilings & Lighting



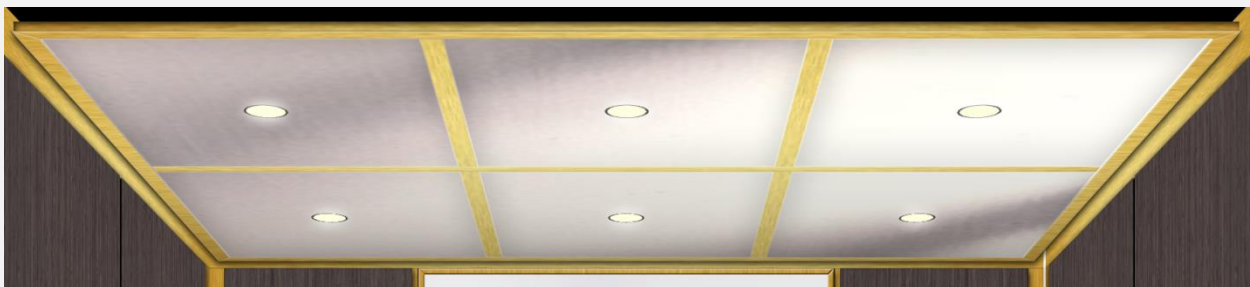
Our standard island drop ceiling consists of multiple base metal sections, with black plastic laminate kerfs, backed on a ½” fire-rated core substrate, with an LED downlight centered out in each section. Our most popular ceiling, mostly due to its dependable light source and aesthetic appearance.

Price: **MEDIUM**



Similar to the island ceiling above, this multiple section ceiling gives off a hidden perimeter LED (or fluorescent) light source for a “spill lighting” effect. Often times, this ceiling will illuminate to a sub-ceiling or bright colored top ceiling to enhance the lighting. This ceiling generates the most interest due to the direct lighting not interfering with the passengers.

Price: **MEDIUM - HIGH**



The best way to cut possible costs and weight with ceilings is to use an anodized aluminum framed lay-in panel ceiling. Aluminum is 1/8” thick, extruded, and anodized to customer’s choice of several satin and mirror finishes. Lay-in base metal panels are propped up for exit door access and/or for maintenance purposes. We recommend keeping these panels relatively lightweight

Price: **LOW - MEDIUM**

## Our Specialty Suspended Ceilings & Lighting

*Often times, the amount of sections present in a ceiling relates to the reveal gaps in the wall panels. Globe is not opposed to adding more sections to a ceiling as long as they comply with a proper exit door hatch for the cab. Adding **radius corners** to the ceiling also contributes to a very traditional appeal.*

Price: **MEDIUM**



Waldorf Astoria, CA

*Our **lay-in panel** ceilings are not limited to anodized aluminum. Frames can be made out of heavy gauge, thick bronze bars for a stronger and more unique look. Lay-in panels can also be made into custom glass panels, or simply just a white diffuser glass panel. These ceilings are also designed to line up with the wall panel seams.*

Price: **MEDIUM - HIGH**



200 S. Wacker, IL

*Some of our more acknowledged ceilings include **perforated and grille-work** ceilings. Perforated ceilings have no limit to the classic designs that our bronze can obtain. Often times the material is punched on one of our two industrial sized CNC machines, but also can be water-jetted and/or laser cut depending on the material. Our grille work often contain machined out bars, most commonly bronze, then polished and assembled all in-house. For a lighter weight alternative, anodized or powder coated aluminum can also be chosen.*

Price: **HIGH**



The Rookery, IL



Some of our higher-end wood ceilings include this suspended **stile & rail type** stained mahogany panel ceiling located at the Drake Hotel in downtown Chicago. Ceiling includes perimeter LED lighting and a coved, welded, powder coated matte white finish sub-canopy enhancing spill lighting effect.

Price: **HIGH**

The Drake Hotel, IL

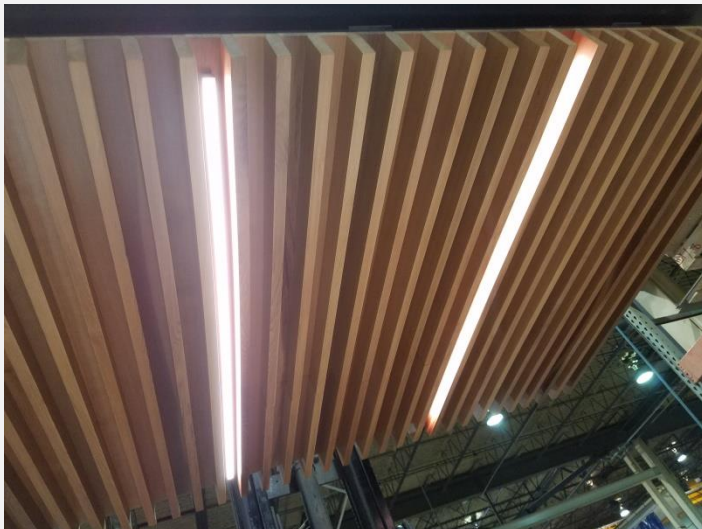
**Ship-lapped and/or tongue and grooved** style ceilings have been more prevalent in recent years. Located in downtown Los Angeles, this cherry hardwood ship-lapped ceiling contains four corner LED downlights and nearly invisible exit door seam.

**Please Note:** In some larger cabs, four LED downlights may not be enough to fully illuminate cabs.

Price: **MEDIUM - HIGH**



Metropolis Hotel Indigo, CA



Also located in downtown Los Angeles, this ceiling consists of Western Red Cedar wood **slats** backed on a larger cedar board with two LED direct strip lights. Ceiling also contain hidden exit door seam.

Price: **MEDIUM**

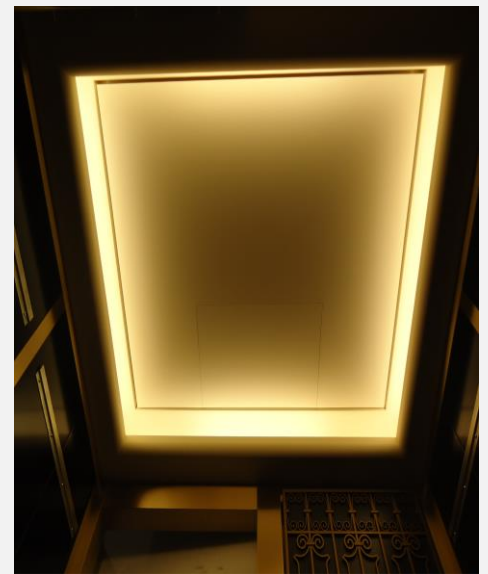
Boulevard 6200 Paseo, CA



Lake Point Towers, IL



100 E. Wisconsin, WI



Wisconsin Historical Society, WI

*Incandescent lighting became relevant in the mid-20<sup>th</sup> century, most prominently in theaters. This cove lighting aspect transformed the architecture industry, bringing the focus on cove and ceiling architecture while maintaining an accent glow to attribute to a solid light source. **Light troughs** were used more and more in elevator cabs to avoid any direct lighting to passengers. LED lighting has been used more and more for this application versus the original fluorescent due to its longer life span.*

Price: **VARIES**



Parkshore Condos, IL

*Expand your lighting from the ceiling and create **wall panel spill lighting**. This lighting makes center piece panels more prevalent, as well as casting light onto mullions and/or the adjacent surfaces. It is important that the lighting remains accessible for maintenance purposes, this is why Globe always protrudes the panel using either panel spacing or an aluminum sub-wall.*

Price: **VARIES**





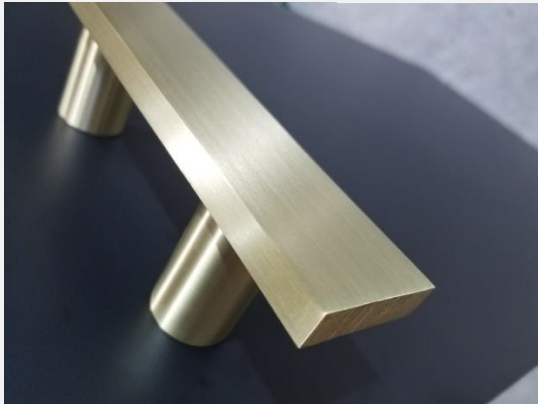
*Custom Light Fixtures* have become a necessity in the traditional cab world because most sconce or chandelier light fixtures do not meet proper fire-code, as well as cab illumination level codes. Globe strives in its ability to deliver such ornate light fixtures to your elevator cab – while meeting all proper codes. Globe can also incorporate emergency lighting systems into these fixtures as well.

Price: **HIGH**

2450 N. Lakeview Dr, IL

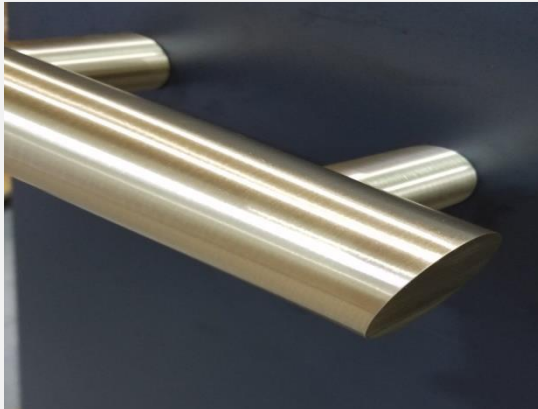


## Handrails & Bracketing



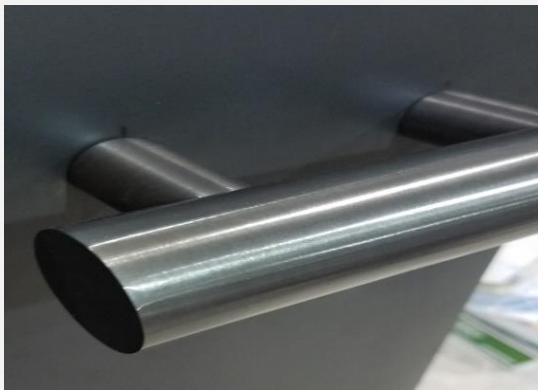
*3/8" x 1-1/2" brushed bronze bar with 1" diameter brushed bronze bracketing.*

Price: **MEDIUM**



*1-1/2" diameter brushed bronze bar with 1" diameter coped brushed bronze bracketing.*

Price: **MEDIUM**



*1-1/2" diameter brushed oxidized bronze bar with 1" diameter coped brushed oxidized bronze bracketing. Available in bar as well.*

Price: **MEDIUM**



*Wood handrails available in multiple sizes and finishes along with bracket material.*

Price: **MEDIUM**



*Custom bracketing available in multiple designs & finishes*

Price: **MEDIUM - HIGH**



*Custom end caps available in multiple designs & finishes*

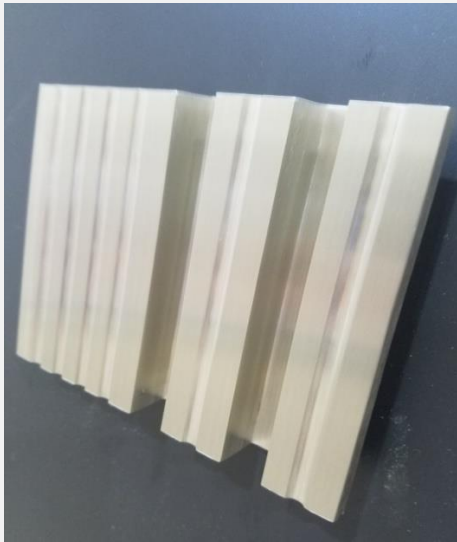
Price: **MEDIUM - HIGH**

## Extruded Sills



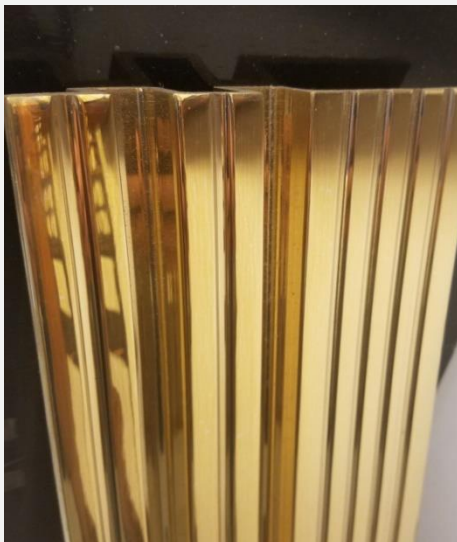
Most commonly selected for traditional cabs, **Satin Bronze** extruded sills include the same clean finish as the rest of satin bronze in your cab. Due to this sills low toughness, these sills are easily maintained and re-finished if damaged.

Price: **MEDIUM**



One of our most popular sills, **Nickel-Silver** sills can be used for modern, traditional, and often time service car applications. Nickel-Silver is known for its rich champagne color and high durability.

Price: **HIGH**



**Mirror Bronze** sills are incredibly unique and add an acknowledged look to cabs. Each sill is hand polished, then hand buffed to a fine reflective finish.

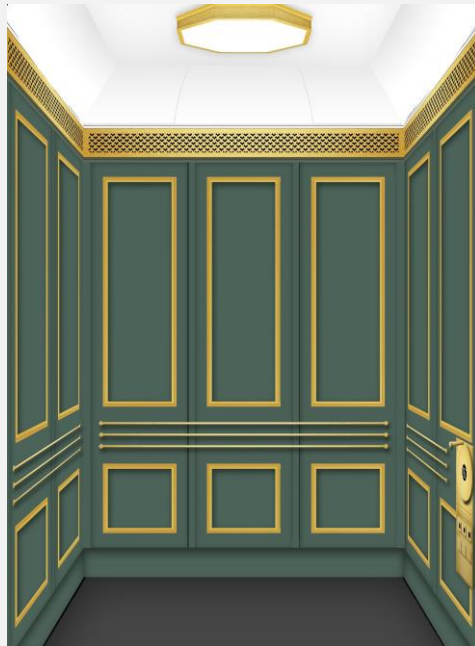
Price: **MEDIUM - HIGH**



*Restoration  
Projects:  
Women's Athletic  
Club  
Chicago, IL*



*Sometimes looking for a new traditional cab simply means keeping the same original design. Globe strives on its ability to clean and re-modernize existing cabs like this project in Chicago, IL. Restoration projects are more difficult than standard modernizing projects because there is no room for error; and cabs need to remain 100% accurate dimension to dimension, and finish to finish.*



*For this particular project, the full cab was sent to shop in order to get firm measurements of each material. Drawings then progressed as well as renderings of what the new cab will look like. The shell was powder coated to a high gloss green for reflectiveness. Sub-canopy trough was water jetted out of solid aluminum, then powder coated to a gold finish. Canopy was coved in-house and powder coated to a matte white finish.*



*Frames were made of extruded aluminum, mitered and powder coated to a black & gold finish. Handrails were taken off of existing cab and re-buffed to a fine mirror finish in-house. Perimeter LED lighting was added to the sub-canopy to enhance the lighting on the white cove canopy.*



When renovating your cab interiors, don't forget about the exterior! Globe provides some of the finest Hoistway entrance claddings, hoistway door claddings, hoistway sills, hall lantern and call station faceplates, destination claddings, engraved signage, destinations and hall flags, lobby index plates, etc.



Although Globe does not hold a UL label, we are able to provide some of the most appealing hoistway door and entrance claddings. Existing doors are uninstalled and shipped to our factory for stripping and re-cladding. Some of our most recognizable door clads include left picture from the **Wisconsin Historical Society**.

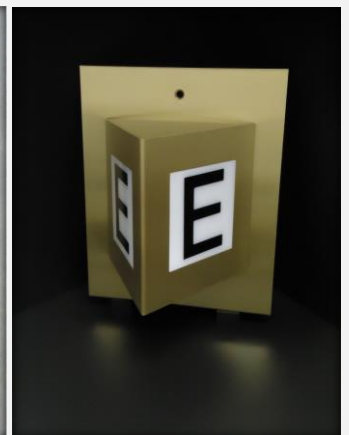
Custom hall flags and destinations are on the rise with popularity. Just as custom cabs, we want to make sure your destinations are custom and unique as well. Please visit our "Destination Items" tab in our website for more options.

BRZ#23

BRZ#31

MB#43

BRZ#34





307 N Michigan, IL



SC Johnson, WI



Fairview Park, IL

*From all of us as Globe Architectural & Metal, we thank you for your time. Please contact us to help design your traditional-style cab.*

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