

# WINDOW SELECTION GUIDE



**THE BAUT STUDIOS, INC**  
ECCLESIASTICAL CRAFTSMEN  
1095 Main St, Swoyersville, PA 18704  
**Call 800-326-9421**  
[www.baut.com](http://www.baut.com) or email [info@baut.com](mailto:info@baut.com)

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CREATIVE QUALITY  
PRODUCTS SINCE 1927

- Stained Glass
- Structural Stained Glass
- Restoration Work
- Altars & Appointments
- Custom Aluminum  
Windows & Doors



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# THE BAUT STUDIOS, INC.

ECCLESIASTICAL CRAFTSMEN

## *What we're all A BAUT.*

At Baut Studios, Inc, we pride ourselves in our service to the Church's needs since 1927. We have evolved over our 90 + year history to produce a wide variety of products and services, many at the request of our clients. Our products and services include:

### Products

**Traditional Stained and Leaded Glass** used primarily in windows

**Structural Stained Glass**- a patented **lead free** alternative to Traditional Stained Glass used in windows, skylights and doors. Because of its structure, versatility and durability it is a "**green product**" that can be used with confidence.

**Aluminum Window Frames** custom manufactured by BAUT to insure proper fit and finish of your project. No additional or hidden coordination fees because we handle it all.

**Aluminum Doors** custom manufactured to endure the riggers of hard use. Our doors are heavy duty construction with many features not found on lesser doors. We make only the finest quality doors. The pricing is determined by how elaborate the door inserts are. We have more elegant designs for Churches and Church Halls and more functional, modest inserts for Schools and Auxiliary entrances. Our door inserts include; Vision Lite, Panel Art, Etchings on safety laminate or tempered glass, Bronzform, Filigree, and Structural Stained Glass. We have thousands of existing designs or will custom design for your setting.

**Altars, Appointments, Custom Statues** are of the highest quality in marble, bronze or wood.

**Cupolas, Steeples and Crosses** are manufactured to meet your needs in aluminum with anodized or painted finishes.

### Services

**Stained Glass Removal, Restoration and Relocation** services by Baut allow the beauty and value of existing windows to adorn another site. Baut will handle and coordinate all details to ensure a successful installation.

**Restoration and Exterior Storm Glass Protection** will extend the life of your windows and enhance the exterior appearance of your building. The additional energy savings and maintenance free finish are the icing on the cake!

**Replacement Windows and Doors** are the mainstay of our business. Retrofit work is second nature to us. Because everything we do is custom, there is no extra pricing for custom sizes.

## *About Baut Windows*

At the Baut Studios, Inc. your satisfaction is our priority. We pride ourselves on our beautiful quality products that last a lifetime. Whether you're a small church or a large cathedral, we will always do our best to give you the quality product you deserve. Our family has been making beautiful stained glass windows for over 90 years, and we know we can design something beautiful for your space that will stand the test of time.

The superior Baut window framing system has been custom designed and manufactured by our trained craftsmen. Our product utilizes an energy efficient thermal barrier. Our custom designed extrusions have a heavier wall thickness than other commercially available windows. We are able to make frames in all shapes and sizes, custom designed to suit your needs! We also are able to do a seamless integration of our windows and doors to create unique entranceways that are both elegant and efficient.

At Baut we handle everything for you! We coordinate with your architect and builder on your project to ensure the frames and the art glass are installed at the precise perfect timing. Our artists work with you so that the design not only works for you but also your space. This results in a finished project that looks heavenly. If you're concerned about budget, we design our frames so they can accept art glass in the future even if it is not installed initially. That way, you can get a quality window or door, and in the future transform it to a work of art. Plus we do everything from the measuring to the installation so sit back, relax, and enjoy your beautiful product!

### Structural Features of Baut Windows:

- Available in Single, Double and Triple Glazing
- No hardware or fasteners shall penetrate or bridge the thermal barrier
- All muntins and rails shall be tubular
- Each frame shall be prepared to accept on the exterior 5/8" through 1" thick insulated glass
- Interior provision will be factory made to accept 3/16" through 1" thick art glass
- All stop mechanisms shall be snap-in except on arcs these will need to be surface applied
- Either glass shall have capability to be installed without disturbing the glass on the opposite side
- All joints shall be cut to precise fit and shall be multi-fastened with stainless or non-galvanic fasteners
- All meeting joints shall be factory sealed
- Window frames shall be comprised of fixed areas or fixed areas with operable sections including:
  - Hand operated project-in hopper-type or project-out awning-type ventilators.
  - Chain-pull or Pole operated project-in hopper-type ventilators.
  - Crank-out or Hand operated project-out casement ventilators.
- Available in a variety of finishes including:
  - Dark bronze class 1 color-in anodizing.
  - Clear anodizing.
  - White baked enamel finish.
  - Custom fluoropolymer finishes.



## Window Construction:



*At Baut Studios We make Beautiful and Quality Products to Last a Lifetime!* Our heavy duty window and door frames are available with multiple different art glass insert options. We make gorgeous Traditional Stained Glass that is created using the best time honored techniques that have been perfected over the centuries. Our Structural Stained Glass is crafted using our own unique creation. This patented product is made completely lead free, it is environmentally friendly, and maintenance free! It gives you all the Beauty of Stained Glass Without the Lead! We also offer gorgeous Abrasively Etched Glass which is made using our abrasive etching technique with aluminum oxide, which gives a satin appearance of acid etched glass. Our Hybrid Glass Inserts are a stunning combination of Structural Stained Glass and Abrasively Etched Glass. All our products are built and installed by our factory trained technicians.

# TOTAL ART GLASS WINDOW SYSTEM *by The Baut Studios, Inc.*

## *A Beautiful And Energy Efficient Solution*



This church had steel “factory” windows with only one layer of green tinted commercial glass. They were not energy efficient or conducive to a liturgical environment. Baut replaced the window frames with thermally broken aluminum triple glazed frames and exterior insulated glass. Baut Structural Stained Glass inserts were added to the interior side for enhancement of the worship space. Quality materials and construction will ensure that these windows will offer beauty & service for many years to come.



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# STRUCTURAL STAINED GLASS® WINDOWS by The Baut Studios, Inc.

*All the Beauty of Leaded Glass...Without the Lead!*



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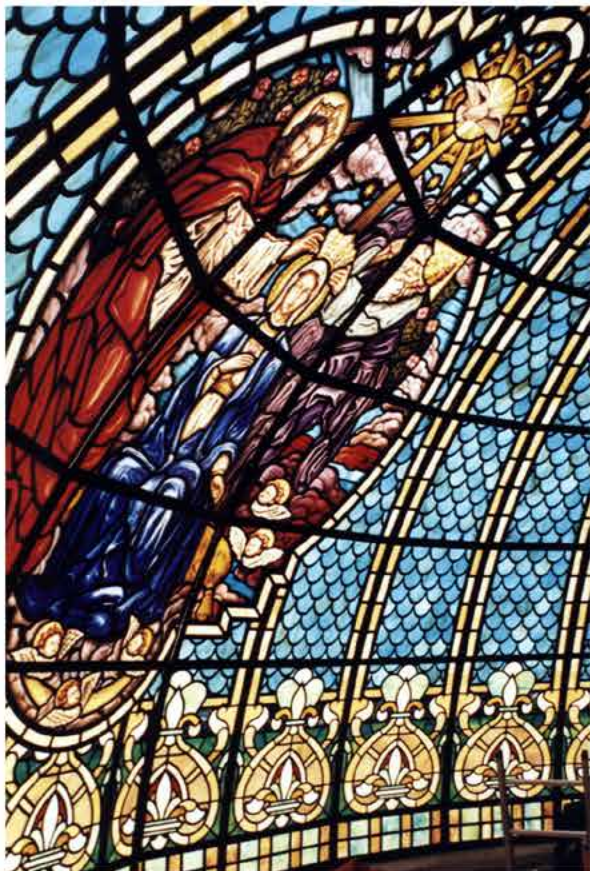


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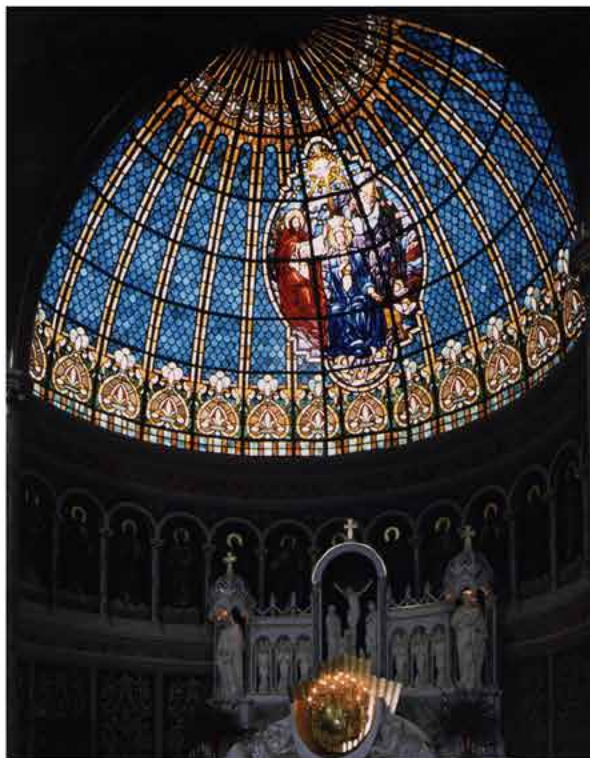


# STRUCTURAL STAINED GLASS® DOME by The Baut Studios, Inc.

## An Absolutely Stunning Creation



This thirty five foot diameter - one quarter sphere is crafted in "Baut Structural Stained Glass"®. The artistry is reminiscent of old style German windows including painting & kiln firing techniques. The construction is durable and will never sag or buckle like leaded stained glass. Custom artistry is available to satisfy many levels of taste.



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# TRADITIONAL STAINED GLASS WINDOWS *by The Baut Studios, Inc.*

*The Simple Beauty of the Centuries Old Tradition*

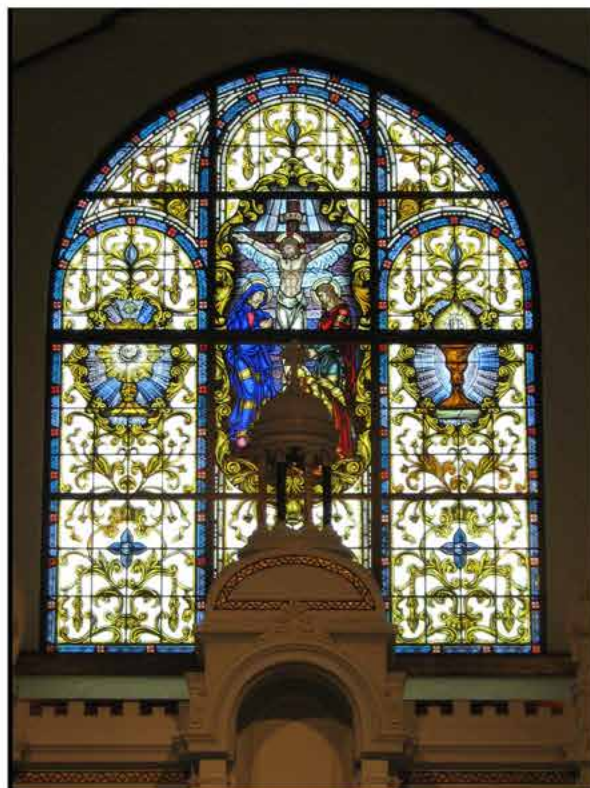
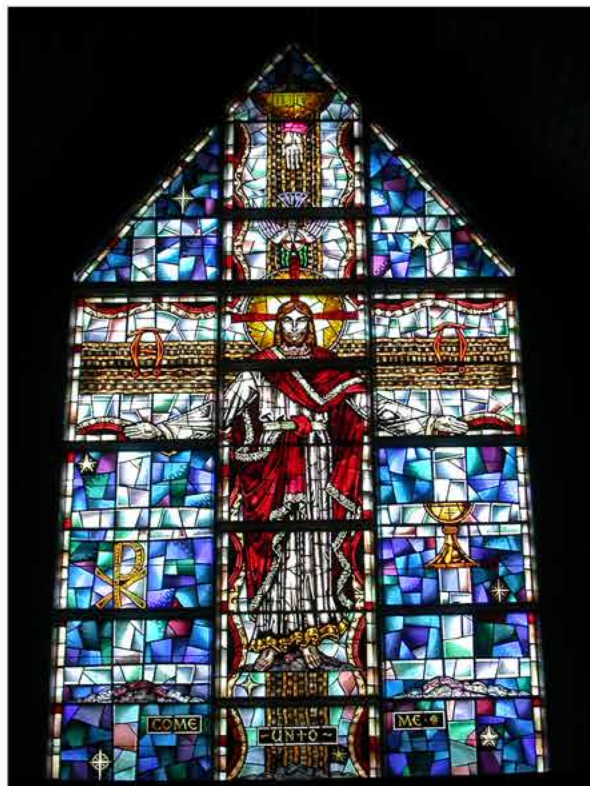


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# TRADITIONAL STAINED GLASS *by The Baut Studios, Inc.*

*The Simple Beauty of the Centuries Old Tradition*

## Figurative Designs



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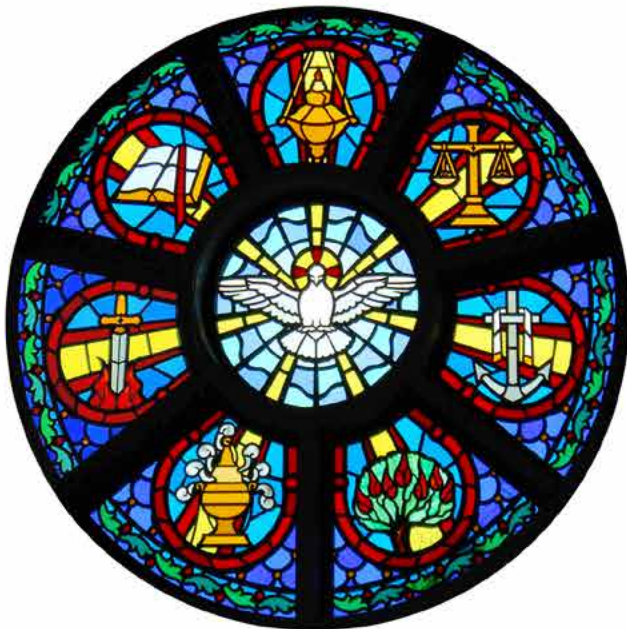
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## *Gorgeous Windows in Round Designs*

These photos illustrate windows done in both traditional leaded glass & “BAUT” Structural Stained Glass. Baut designed & manufactured the art glass as well as the necessary aluminum frames & protective glazing.



Some of these windows were installed by Baut crews, while others were shipped to the church with all components for installation by others. Baut can create windows in any size & shape.

Stop going round in circles for your rose window needs - call Baut.



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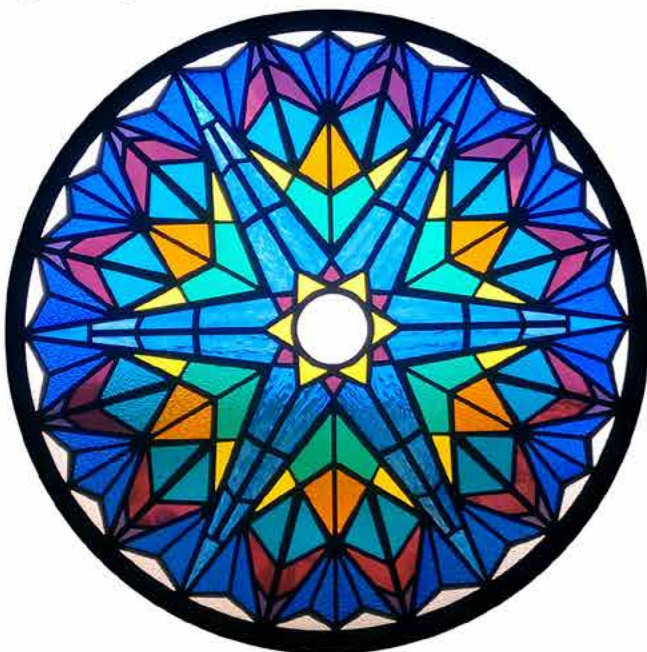
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# ROSE WINDOWS / ROUND WINDOWS *by The Baut Studios, Inc.*

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# HYBRID WINDOWS&DOORS *by The Baut Studios, Inc.*

*Multiple Techniques Resulting In One Stunning Look*



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# STAINED GLASS RESTORATION *by The Baut Studios, Inc.*

*We Make It Look New Again*



The lower section of stained glass in this Tiffany window was kicked in during a robbery at St. George Church in Brooklyn, NY, Baut was able to duplicate the window with but a few surviving pieces of original glass and photos supplied by the parish.

To deter future break-ins Baut manufacturing and installed an exterior storm window with unbreakable 1/4" UV2 polycarbonate glazing.



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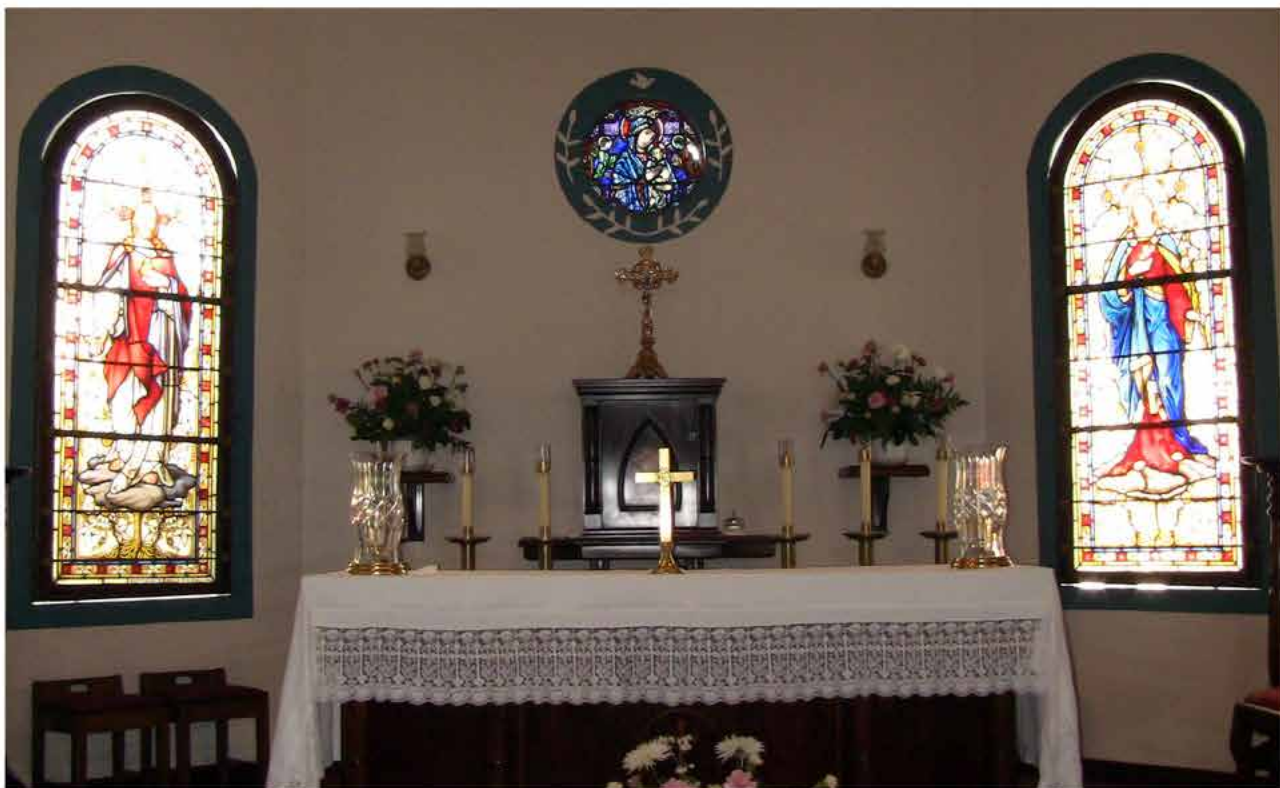
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***Can You Tell Which One Is The Original?***



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# EXISTING STAINED GLASS SERVICES *by The Baut Studios, Inc.*

## ***Stained Glass Removal, Restoration, and Relocation***



This window was featured in a church which closed its doors in 1995. The church closing was due to shifting population, attrition, & clergy shortages.

A new church building for a community far away was built in 1999. This window as well as others were removed, restored, & relocated into new window frames for the new church project.



The Baut Studios offers these services:

- Appraisal & assessment
- Stained glass removal & storage
- Stained glass restoration
- Stained glass modification
- Custom fitted aluminum window systems for stained glass
- Window size coordination with builders & architects
- Complete installations

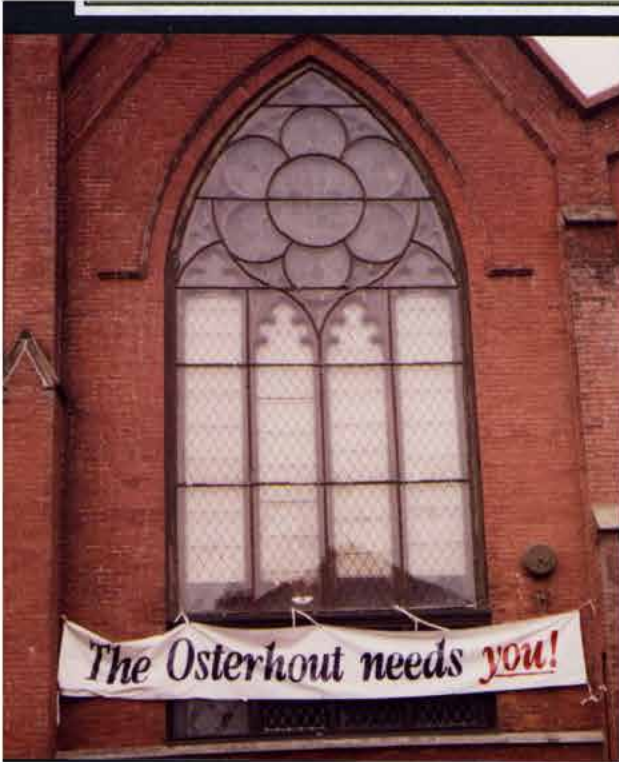


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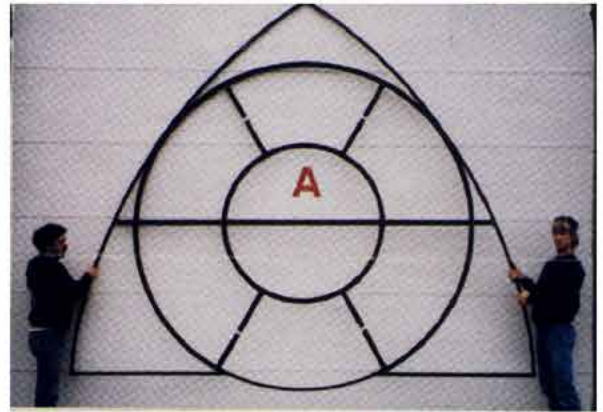
# EXTERIOR STORM PROTECTION *by The Baut Studios, Inc.*

## ***Protection From All Types Of Weather Conditions***



### **PROBLEM:**

The 120 year old window shown to the left was covered with storm glass some 35 years ago. The storm glass was “rough rolled” glass set into steel tee bars with putty glazed beads. Deterioration of the putty & steel tees has caused leakage between the panes and an overall unsightliness. Action needed to be taken to ensure the long term preservation of this window.



### **SOLUTION:**

The experts at BAUT crafted a brand-new storm window frame of anodized extruded aluminum. The subdivision of the frame complements the shape of the original window. The frame is of hi-tensile welded construction.

### **RESULTS:**

Stained glass repairs were made, all wood work was painted and the new aluminum frame was installed. New storm glass was installed into the frame using snap on glazing beads. All weather sealant was done using silicone based sealers. The window is now weather tight, very attractive, & fully maintained for years to come. The anodized finishes require no maintenance or painting. The silicone sealants ensure weather tight integrity.



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# STORM PROTECTION REPLACEMENT *by The Baut Studios, Inc.*

***With Exterior Metal Wrapping to Give a Clean New Look***



This yellowed exterior storm protection and its unconventional installation did little to complement the appearance of this beautiful building. Baut Craftsmen engineered a “metal wrap procedure” to cover the subtle arches of the wood window frames and outline their prominence. “New storm protection glass” was installed into the arches for a more traditional look. All materials used were specified for longevity & attractiveness.



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# **METAL WRAPPING OF WINDOW FRAMES** *by The Baut Studios, Inc.*

***No One Does Metal Wrapping Better Than BAUT***



## **Why Receive A Job That Looks Like This...**

- Wrinkles in the thin gauge metal
- Exposed nails & dents everywhere
- Looks terrible when light reflects off it
- Definitely not a "BAUT Product"

## **When You Can Get Results That Look Like This From Baut**

- Smooth heavy gauge anodized aluminum metal
- No exposed fasteners or nails heads
- Light reflects evenly - No Dents
- Has "BAUT Quality" written all over it



BAUT Leads the Industry in Producing  
Quality Metal Wrapping of Window Frames

***BAUT Metal Wrapping - A GREAT REFLECTION ON YOU!***



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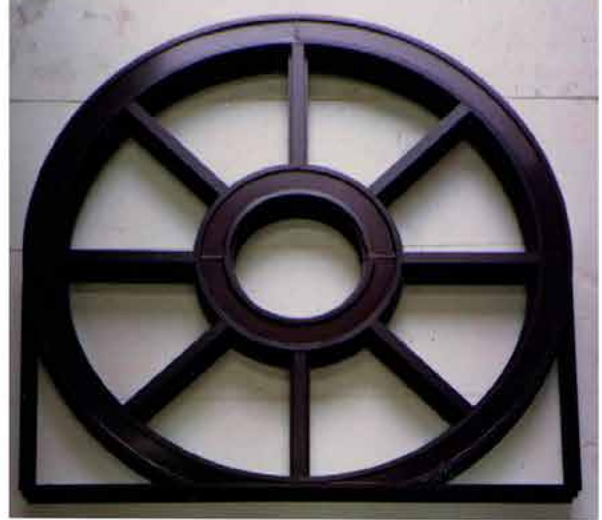
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# ALUMINUM WINDOW FRAMES *by The Baut Studios, Inc.*

## *Custom Architectural Aluminum Window Frames*



- Almost any size or shape
- Heavy aluminum construction
- Thermal break feature
- Many glazing options available
- Many available finishes



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# EXTERIOR MOSAIC PANELS *by The Baut Studios, Inc.*

## *Featuring The Beautiful Reflected Glass Look*



These Structural Stained Glass® Mosaics are featured on the front facade of St. Michael's Roman Catholic Church in Atlantic City, NJ. Each Archangel, Michael, Gabriel, & Raphael, stand over 20 feet high and will endure all the weather conditions of an ocean coast environment. The opaque colors and subtle transitions are traditional techniques of the Venetian "Smalti" mosaic. The structural construction allowed for the installaion of these "in studio" prepared pieces into a curtain wall type frame.



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# CUSTOM LIGHT-UP BOXES *by The Baut Studios, Inc.*

## *Illuminate Your Space*

### LIGHT-UP BOX FEATURES:

- Light is equally diffused through the stained glass to eliminate any 'hot spots' for a natural light effect
  - Easy access to light bulbs
  - Surface mounting to walls or recessed into walls
  - Choice of "Traditional Leaded Glass" or BAUT "Structural Stained Glass®"
- Art Features

*(Right) Light-Up Box mounted to wall and open to show bulbs.*



*(Top Right) This Light-Up Box was custom made by BAUT to be surface mounted on a wall at:*

*St. Joseph Medical Center, Reading, PA.*



*(Left) This Light-Up Box was custom made by BAUT to fit into a recessed wall notch at the:*

*Marian Chapel,  
Marywood University Scranton, PA.*



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*Illuminate Your Space*



- Even Illumination of Art Glass Windows
- Easy Access to Light Bulbs
- Surface Mounting to Walls
- Choice of "Traditional Leaded Glass" or Baut "Structural Stained Glass®" Art Features.



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# HISTORIC STAINED GLASS & MARBLE *by The Baut Studios, Inc.*

***Ask About Our Assortment of Historic Items For Sale***



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