



YOUR VISION. OUR EXPERIENCE.™





YOUR VISION.

OUR EXPERIENCE.™

525@VINE
WINSTON-SALEM, NC
ARCHITECT: GAUDREAU, INC.

It's our experience and expertise — broadened over decades — that enables us to bring your vision to life.

We've built our reputation one custom-engineered solution at a time over a wide variety of architectural applications. As a result, we are able to resolve your most difficult challenges with beautiful, functional, energy efficient window and door systems that draw upon hundreds of models and accessories and, yes, more than a bit of human ingenuity to deliver the solution that is uniquely yours.



CORPORATE OFFICES

1551 Mount Rose Avenue
York, Pennsylvania 17403-2909
717-849-8100
(800) 755-6274
www.grahamwindows.com



ASSEMBLY PLANT

1201 Eden Rd.
York, Pennsylvania 17403-2909

OUR COMPANY

Our Vision

Graham Architectural Products is the company architects seek first when faced with large, complex fenestration challenges. We earn their trust and by demonstrating our experience, expertise and collaborative spirit, while providing innovative solutions to their most difficult problems.

Our Mission

Graham Architectural Products manufactures the most innovative and highest quality products in the fenestration industry. We achieve this by developing customized, performance-based products, and by providing solutions to architects' fenestration challenges. We earn and retain the architectural community's trust by virtue of our experience, expertise, collaborative spirit and our reputation that we stand behind our work.

Our Position

For ARCHITECTS, BUILDING OWNERS, INSTALLERS, GENERAL CONTRACTORS, and DEALERS, Graham Architectural Products is the commercial and architectural grade window manufacturer that leading architects around the U.S. turn to when facing their most innovative design projects.

For more than 40 years, we have been producing, delivering and standing behind the highest quality and most innovative products in the fenestration industry. Nobody in the industry has more experience, is more reliable, or commands a higher level of trust than Graham Architectural Products.

WWW.GRAHAMWINDOWS.COM – MORE INFO, MORE VALUE

Visit our website for a wealth of resources including detailed product information, case studies, important forms for getting your project started with Graham, company and industry news, educational training courses, and more. Each of the more than 200 product pages on our website has a data sheet with up-to-date information in a manageable single-page format.



CORE COMPETENCIES

- Historical preservation and renovations
- New construction and replacement systems
- Schools and universities
- Security, Blast mitigation, & ballistic resistant
- Hurricane impact
- Office structures and medical buildings
- Condominiums and apartment buildings
- Government buildings
- Human impact
- Pre-fab, modular construction

PRODUCTS

- | | | |
|----------------------------|----------------------------|-----------------------------------|
| • Advanced thermal windows | • Sliding windows | • Historical replication windows |
| • Euro-style windows | • Sliding doors | • Hurricane-impact windows |
| • Projected windows | • Self-balanced DH windows | • Blast-resistant windows & doors |
| • Fixed windows | • Terrace doors | • Ballistic-resistant windows |
| • Casement windows | • Security screens | • Window wall systems |
| • Hung windows | • Emergency egress windows | |

APPROVALS & CERTIFICATIONS

- AAMA tested and certified for commercial and architectural grade windows
- Blast tested windows and doors to GSA and UFC/DOD blast loading up to 33 PSI
- Ballistic tested windows to UL 752, level III
- LEED certified projects
- Florida HVHZ state-wide approval program
- IGCC insulated glass certification
- NFRC thermal certification program
- NYC Falls Prevention
- National Park Service project approvals





Graham engineers designing prototype system

ADVANCING THE INDUSTRY THROUGH OUR EXPERIENCE & INGENUITY

We've been solving fenestration's toughest challenges for more than four decades. We have been producing, delivering and standing behind the highest quality and most innovative commercial and architectural grade products since 1972.

PRE-FAB/MODULAR CONSTRUCTION SOLUTIONS

Graham has extensive experience working with pre-fabricated modular building systems. This method reduces site material logistical delays, weather delays, and on-site storage challenges and shortages. It also reduces field labor costs and the need for extra subcontractors.

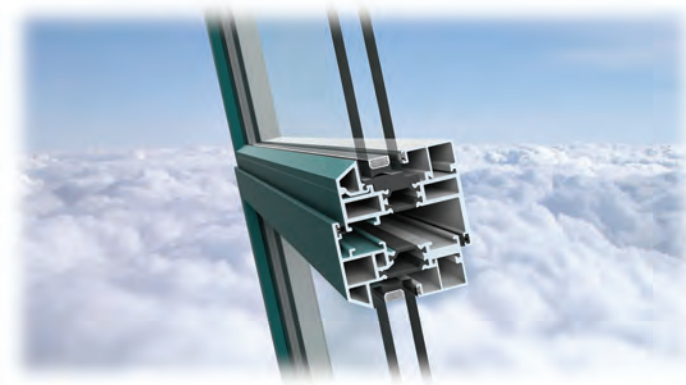
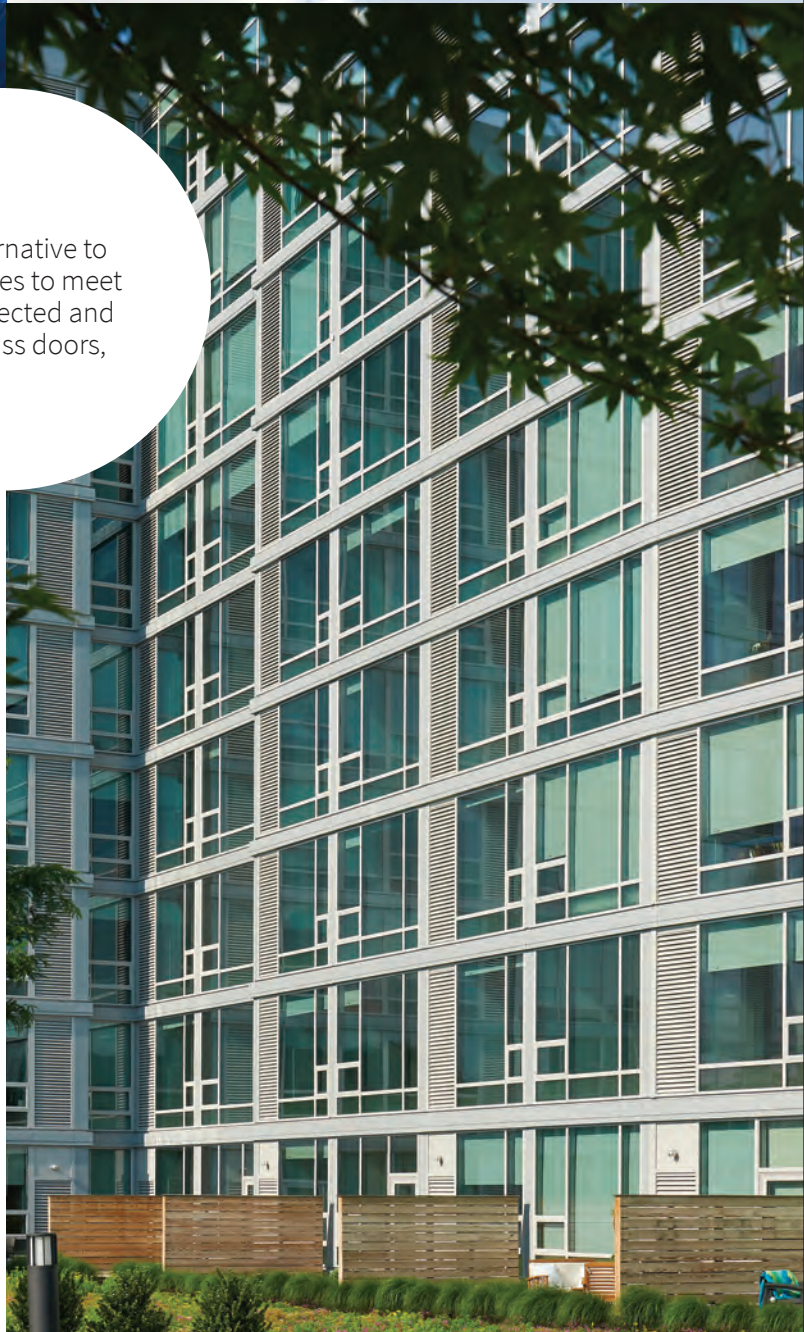


Stanford University — Escondido Village Graduate Residences



WINDOW WALL

Graham has developed a window wall system as a design alternative to conventional curtain wall. Window wall can offer design features to meet these expectations such as various ventilating styles from projected and casement to sliding windows, as well as terrace and sliding glass doors, all seamlessly integrated in the design.



GT6 WINDOW SYSTEM



Graham's new GT6 window system is a family of casement, projected and fixed windows with various frame depths. It utilizes common frame parts to allow numerous configuration variations and glazing styles. Each frame depth offers four glazing profile options: beveled, concave, flat, and flat with flush face.



Convention Hall — Asbury Park, NJ

TRIPLE HUNG

Graham is one of the very few manufacturers that can fabricate a fully functional aluminum triple hung window. All three sash can open and close which truly replicates the original windows.



HIGHLY ENERGY EFFICIENT DESIGNS

Graham windows utilize the most thermally efficient designs in the industry. A polyamide strut thermal break allows for increased airspace and aluminum separation, while providing an additional hollow for increased strength.

STEEL REPLICA WINDOW

Designed to replicate the original steel windows used in many buildings built in the early to mid twentieth century, the innovative SR6700 Series window features a "floating vent" and large openings with minimal sight lines. Historic concave or sloped true muntins and applied grids add to the authentic steel window look. The SR6700's one-of-a-kind design has even been approved by the National Park Service on several projects.



WINDOW WALL

CASEMENT

FIXED

PROJECTED & DUAL ACTION

DOUBLE & SINGLE HUNG

HORIZONTAL SLIDING

TERRACE & SLIDING DOORS

SECURITY SCREENS

BLAST-RESISTANT

HURRICANE-RESISTANT

HUMAN IMPACT





VILLAGE AT 115, CASE WESTERN RESERVE UNIVERSITY
Cleveland, OH

Our thermally superior casement contributed to the Silver LEED rating awarded to this beautiful residence hall complex.



THE DANIEL
Knoxville, TN

Matching the thin sightlines of the original windows made our steel replica projected series a natural fit for this 125+ year-old building.



FIRESTONE TRIANGLE BUILDING
Akron, OH

The intent on the 700 windows was to give the appearance of the old steel factory sash, making Graham's historically accurate windows a good fit. The concave bevel was the exact detail that this historic architect was looking for.



Alden Park Manor
Philadelphia, PA

ICON, 1616 WALNUT ST.
Philadelphia, PA

Utilizing Graham's strutted double hung series, Graham was able to replicate the original steel windows, satisfying the National Parks Service standards.



1500 LOCUST STREET
Philadelphia, PA

Graham's thermally superior product was a perfect match for the large opening horizontal sliding windows.



ASBURY PARK
Asbury Park, NJ

The existing windows were triple hung, with an articulated brick mold and patterned, concave muntins. Fortunately, Graham is the only manufacturer in the industry that makes a triple hung window that can balance all three sash within one frame.



HUNG & SLIDING



The National
Philadelphia, PA

253-256 BROADWAY
New York, NY

Graham provided an innovative solution to the New York City Landmark Preservation Conservancy requirements by designing a new and unique dual-action window system for this Moses Preservation award winning building.



ONE PARK CREST
Baltimore, MD

Graham's terrace door was selected for its high thermal efficiency and its seamless mulling capabilities.



THE DUMONT
Washington, DC

Floor-to-slab fixed windows in conjunction with floor slab covers give this impressive building the appearance of a curtain wall with a window wall solution.



FIXED, DUAL-ACTION, & DOORS



The Residences at Edison Lofts
West Orange, NJ



VILLAGE OF IMAGINE

Orlando, FL

Hurricane impact resistant sliding glass doors rated up to +70 psf and -100 psf were used for these upscale condominiums.



DOBBINS AFB

Atlanta, GA

Blast-resistant fixed windows with mulling options were used to fill these large openings.



CONSERVATORY AT HAMMOCK BEACH

Palm Coast, FL

Graham's hurricane-resistant fixed windows adorn this private clubhouse on the exclusive Hammock Beach resort golf course.

BLAST & HURRICANE RESISTANT



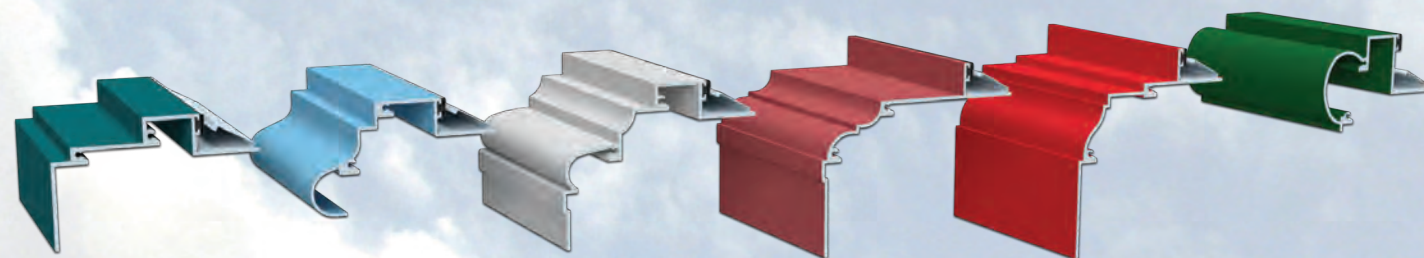
The Cigar Factory Charleston, SC

ACCESSORIES FOR EVERY SITUATION

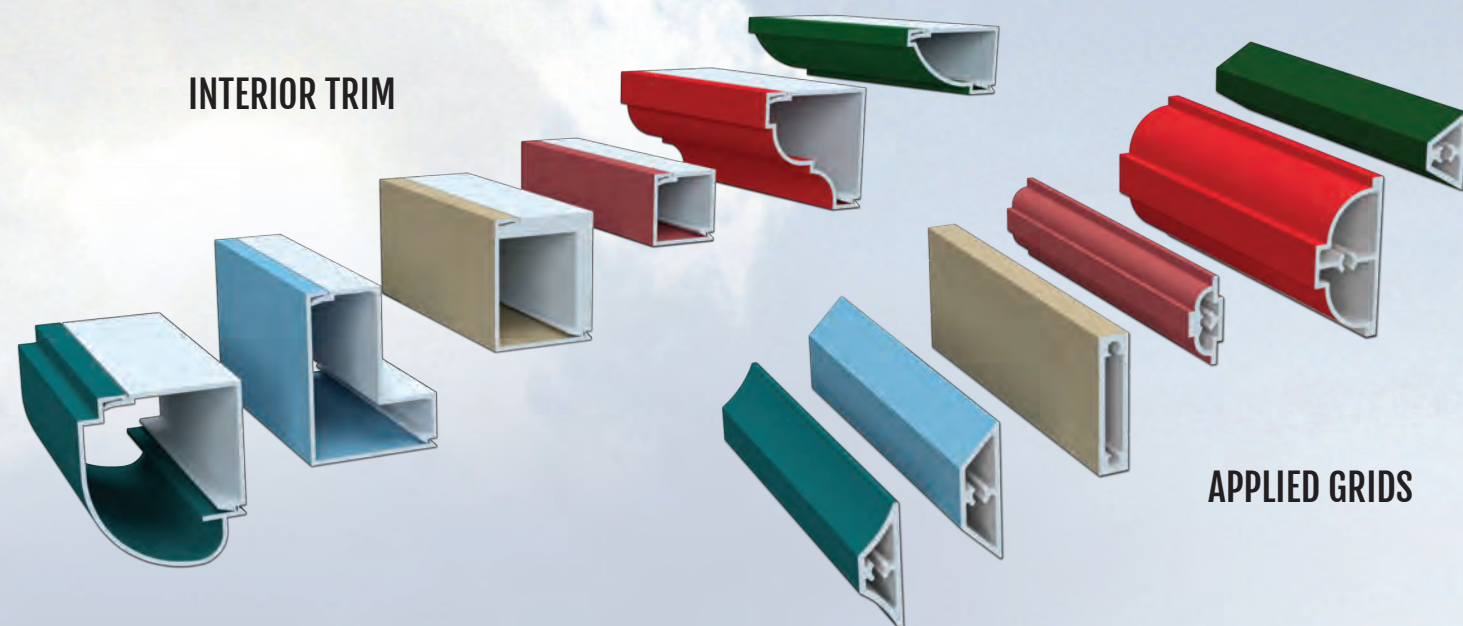
Below is a sampling of the vast array of options you have when you choose Graham Architectural Products. Please visit www.grahamwindows.com for more detail



NAIL FINS

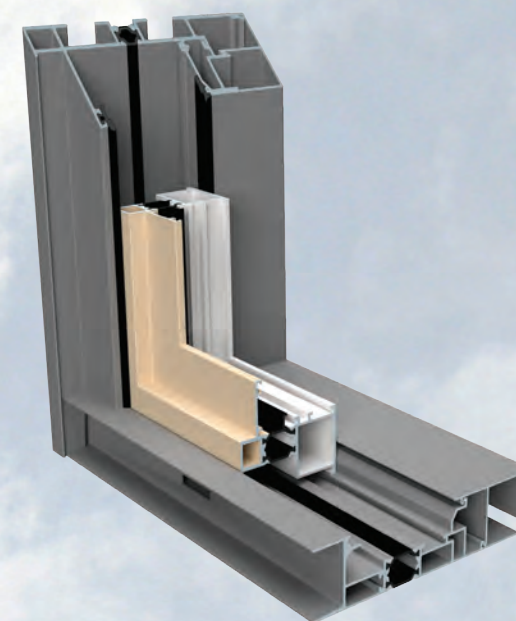


PRE-SET AND APPLIED PANNING

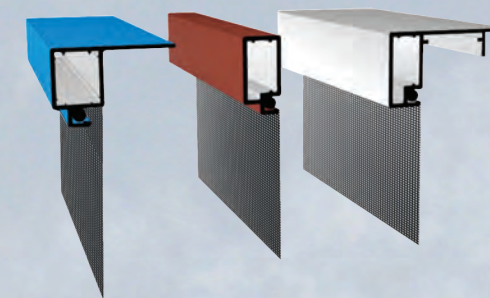


INTERIOR TRIM

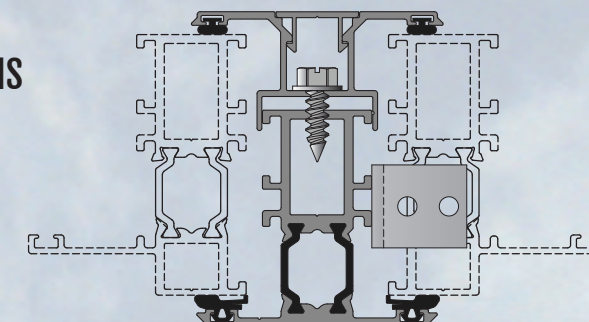
APPLIED GRIDS



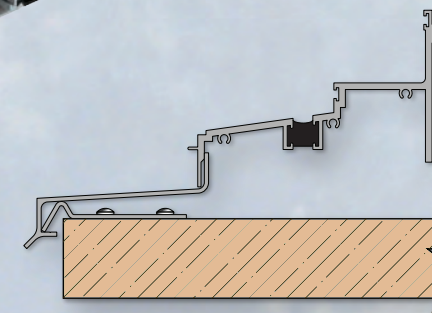
RECEPTOR SYSTEMS



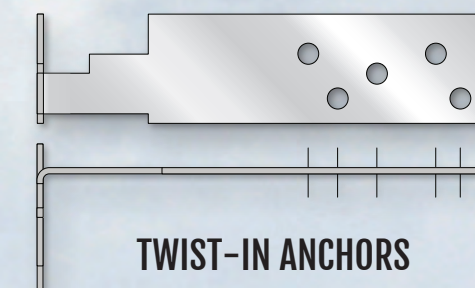
INSECT SCREENS



MULLIONS



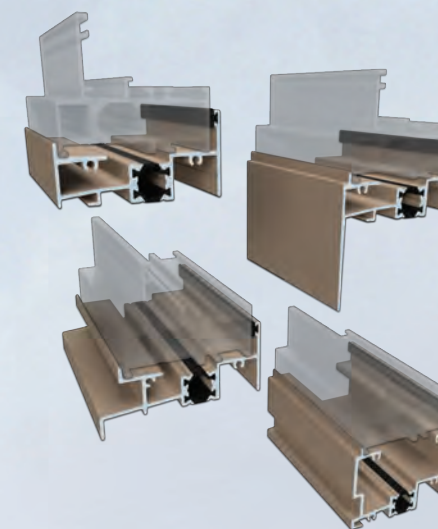
ALCOA SILLS



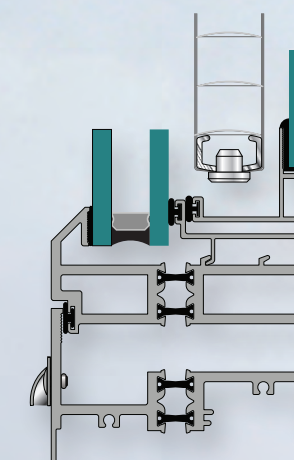
TWIST-IN ANCHORS



SLAB COVER SYSTEMS

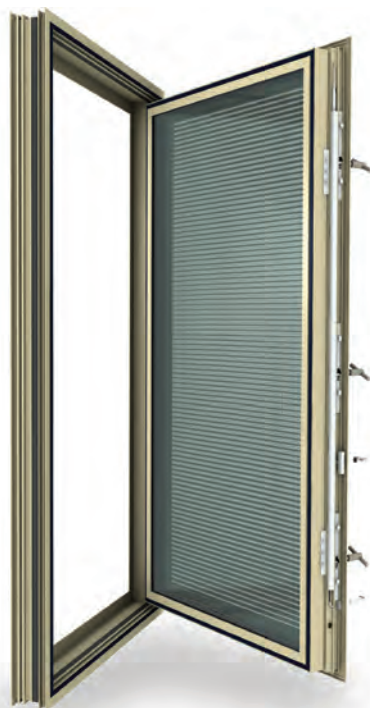


SUBSILLS



BETWEEN GLASS BLINDS

WHATEVER YOUR NEED, GRAHAM HAS A CUSTOM SOLUTION FOR YOU



HUMAN IMPACT WINDOW

A thermally strutted human impact casement window with specially designed hardware and glazing system for hospitals and psychiatric applications (maintenance personnel access only). Tested to withstand three 2000 ft-lb impacts and still operate.



OVERHEAD PULLEY COUNTER-BALANCED WINDOW

A counter-balanced double hung window with simultaneously operating sash using concealed pulleys. Eliminates the sash-weight design limitations and maintenance involved with traditional balancing hardware.

VANDAL RESISTANT & SECURITY SCREEN PRODUCTS

Medium and heavy-duty security screens with your choice of steel mesh or perforated steel plating. Custodial and anti-burglar hardware options are available. Can be field or factory installed on windows.



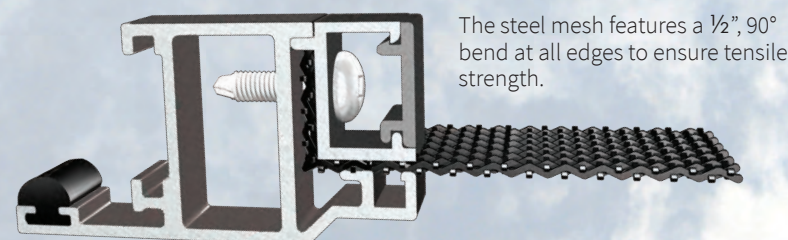
Standard Steel Mesh



Perforated Steel Plating



Removable Handle



The steel mesh features a 1/2", 90° bend at all edges to ensure tensile strength.

CORNER CONNECTORS

OPC HEAD / JAMB RECEPTOR SHOWN

MULLION-HEAD CONNECTOR

OPC 3PC MULLION SHOWN

MULLION-SILL CONNECTOR

JAMB-SILL CONNECTOR

OPC SUBSILL SHOWN

JAMB RECEPTOR END DAM

UNITIZED RECEPTOR

A unitized receptor system designed for cost effective ease of installation. Can be shipped KD, fully fabricated, or factory preassembled.

Advantage of Receptor Systems

- Factory assembled & sealed
- Reduces field labor time & cost
- Self-aligning joinery for precision fit - field KD & factory
- Speeds envelope closing benefiting overall project schedule
- Factory warranty: fit - finish - water performance
- Reduces installation liability
- Reduces window damage by other trades
- Allows for faster job-site mobilization
- Allows continuous perimeter integral sealant/nail flange option



Graham specializes in both **new construction and retrofit projects**, providing custom designed solutions coast to coast and abroad to meet your project needs.





Yonkers City Hall — Yonkers, NY
• Tilt-and-Turn/Fixed Windows

PRESERVING TRADITION. EMBRACING INNOVATION.

Graham is America's premier historic replication window company, manufacturing and supplying windows of classic beauty and substance for buildings of stature. That's a reputation worth keeping, as Graham goes forward to embrace innovation in window design and performance.

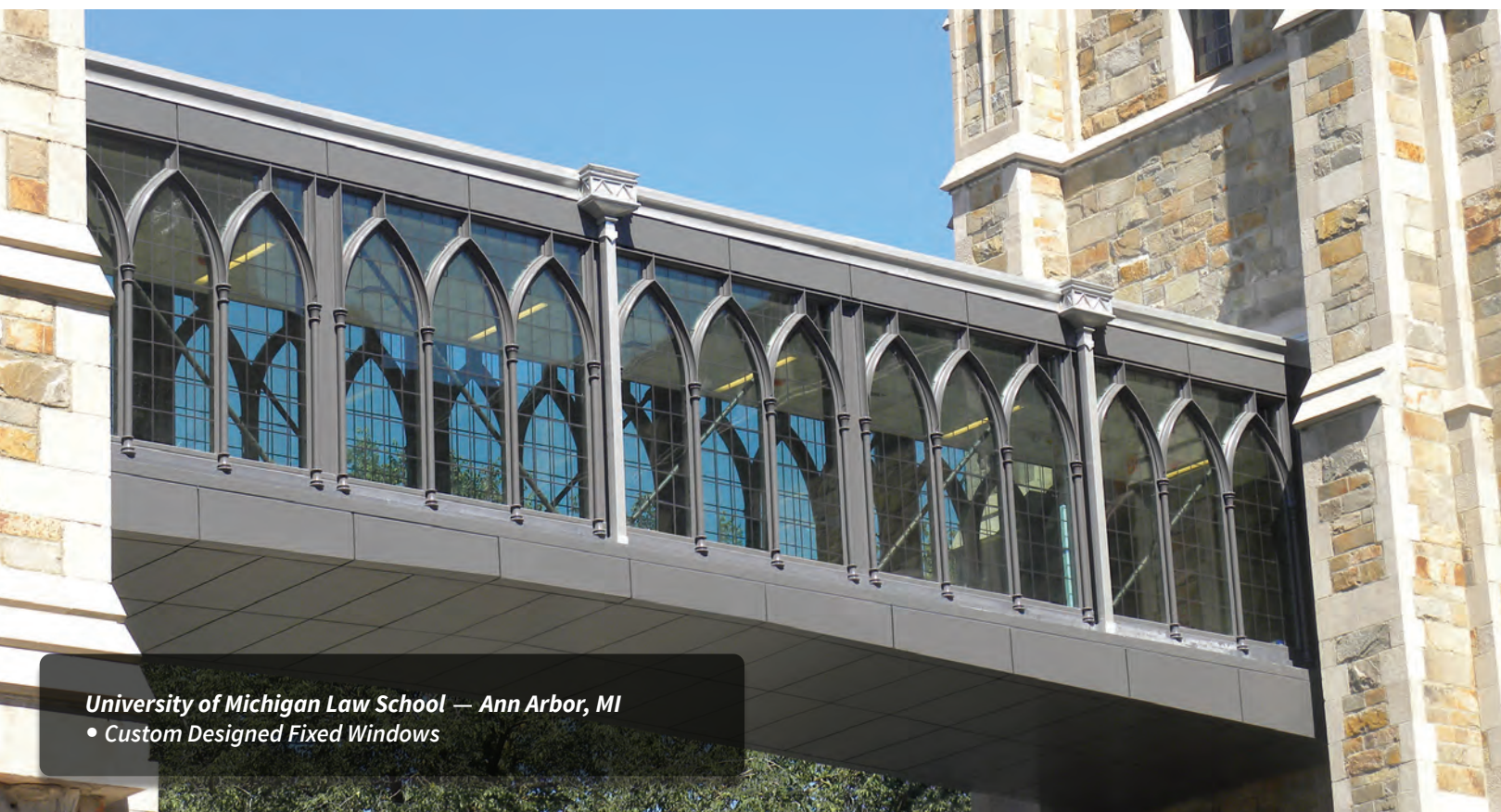
Many of our projects have met the demanding scrutiny of the National Park Service and other preservation jurisdictions, preserving the original aesthetics while providing improved thermal efficiency and structural integrity to countless buildings across America. We take pride in knowing that we helped to restore these buildings to their former glory.



The Athenaeum — Cincinnati, OH
• Single Hung/Fixed & Casement Windows



253-256 Broadway — New York, NY
• Custom Tilt-and-Turn Windows



University of Michigan Law School — Ann Arbor, MI
• Custom Designed Fixed Windows



Stanford University E.V.G.R. — Stanford, CA
• Projected & Fixed Windows

SCHOOLS & UNIVERSITIES

We are proud to have supplied hundreds of school districts, colleges and universities across the country with our products. Educational applications have specific demands in terms of function and durability that continue to point architects and building owners toward a Graham solution.

At Graham we understand the stringent requirements for these buildings that must stand the test of time. We're also acutely aware of limited timelines available to retro fit buildings during downtime and strive to satisfy the entire scope in order to achieve the customers' goals.

Many prestigious educational facilities have chosen the Graham brand.



Cardozo Education Campus — Washington, D.C.
• Double-Hung, Fixed, and Casement Windows



University of Michigan, Yost Ice Arena — Ann Arbor, MI
• Custom Fixed Windows



Rivergate Apts. — New York, NY
• Casement Windows

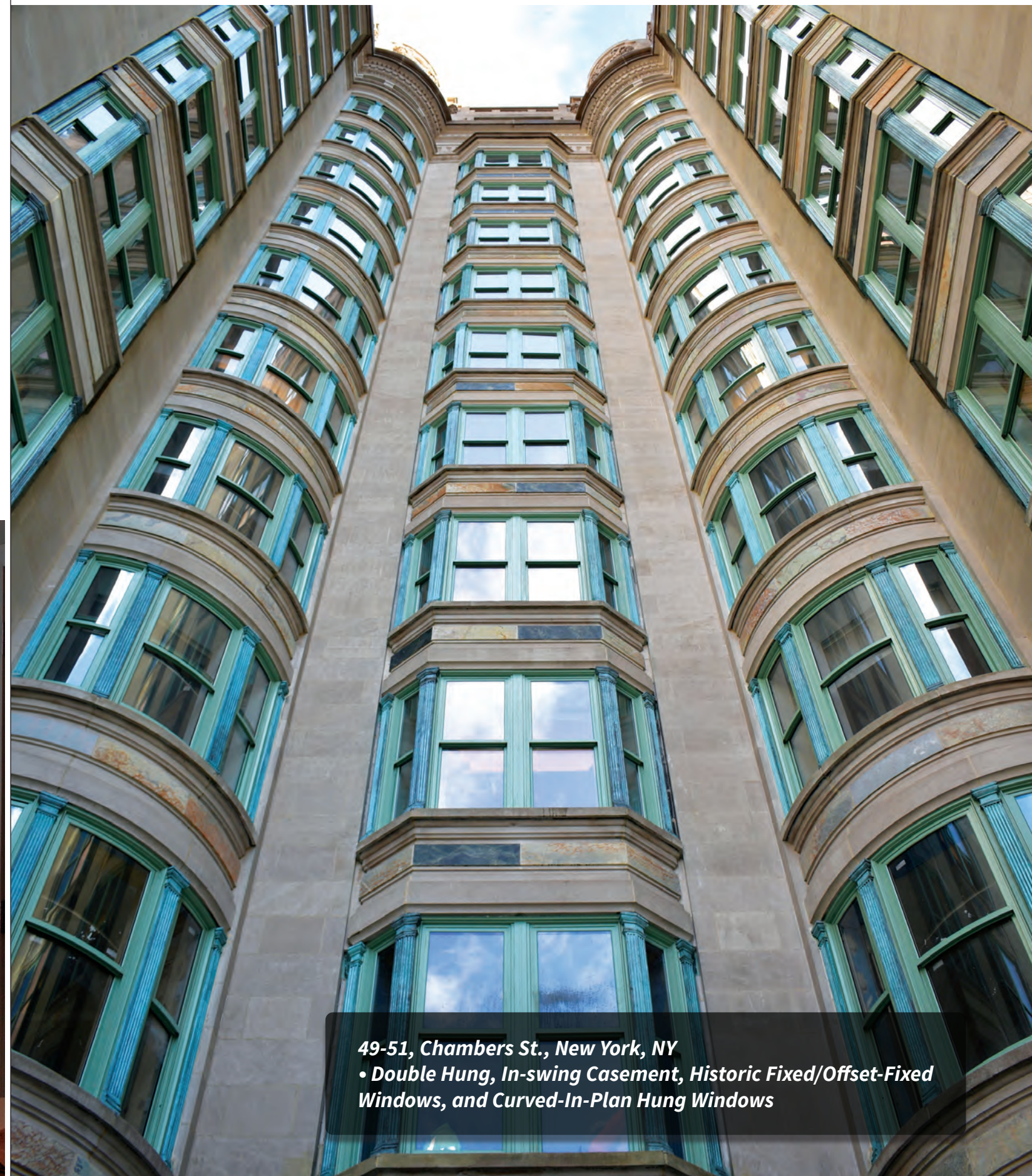
HIGH-RISE RESIDENTIAL

Although residential in nature, high-rise apartment and condo conversions require special considerations to ensure proper performance in a durable design.

Graham has a solution for all multi-family housing projects regardless of the location, size or design. Whether it is a custom designed system, historical renovation or replication, or simply punched window openings, we have an extensive product line and the expertise to accommodate your design.



ICON, 1616 Walnut Street — Philadelphia, PA
• Awning and Hung Windows



49-51, Chambers St., New York, NY
• Double Hung, In-swing Casement, Historic Fixed/Offset-Fixed Windows, and Curved-In-Plan Hung Windows



Chicago Art Institute — Chicago, IL
• Fixed & Projected Windows

GOVERNMENT & MUNICIPAL

Few customers have more specific and demanding requirements than those of our government, whether local or national. Whether it is a historic court house or a new government office facility, Graham has the answer.

Working with project officials and the design teams, we have successfully completed a wide range of government and municipal projects. A vast majority in recent years have required blast-resistant products which is also one of our specialties.



U.S. Department of Commerce Building — Washington, D.C.
• Interior Blast Guard Windows



U.S. Post Office — New York, NY
• Fixed Windows



Red Cross Building — Washington , D.C.
• Fixed Windows

HEALTH CARE

Providing hospitals, clinics, and other health care facilities with our highly engineered window and door products is another Graham specialty.

We can custom design and manufacture a window system to meet the needs of health care facilities at all levels. Whether it's our standard architectural grade windows, security products or even a human impact resistant system, Graham stand ready to meet the needs of the facility.



Emory University School of Medicine — Atlanta, GA
• Casement/Projected Windows



Manhattan VA Hospital — New York, NY
• Casement Windows



*Florida State University — Tallahassee, FL
Fixed Windows & Terrace Doors*



*The Jasper Apartments — Charleston, SC
• Hurricane-Resistant Windows and Doors*

PROTECTING LIFE & PROPERTY

Blast-resistant windows are a key factor in mitigating unnecessary injuries in the event of an accidental or intentional explosion. Graham was a pioneer in designing and manufacturing blast-resistant windows following the events of September 11, 2001. We offer a full line of blast-resistant windows and doors for all project applications at various protection levels along with the expertise to deliver the appropriate product for the job.

Hurricane-resistant windows and doors provide life and property protection from hurricanes and typhoons. Graham's Hurricane-resistant windows and doors are tested to the Florida building code for high-velocity hurricane zones.



*Hurricane Isabel (2003)
As seen from the International Space Station*

CONTACT US

Let us help you make your next project everything you imagined. Remember, “Your Vision. Our Experience.” is not just a slogan, it is a way of doing business at Graham.

By leveraging our expertise, our pioneering solutions and our unrivaled reputation, we have continuously expanded our reach, enjoying strong working relationships with our partners and customers throughout North America. Contact your local Graham representative by visiting www.grahamwindows.com and using the Find Your Rep feature, or call us at 800-755-6274.

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*The Residences at Edison Lofts — West Orange, NJ
• Custom Historic Windows*

