



## **Schools & Universities**

*Windows, Curtain Wall, & Entry Systems*

CUSTOM MANUFACTURED ARCHITECTURAL GRADE WINDOWS AND DOORS

# Educational Applications...

## ...One Source For All Your Needs

### Experience You Can Rely On

When it comes to producing custom-made architectural grade windows and curtain wall for new construction and retrofit applications, Graham is second to none. Graham can manufacture accurate reproduction windows down to the finest detail, using modern materials that feature high strength, high efficiency, and low maintenance. In addition, Graham can apply those same principles to meet all your new construction needs. Regardless of design, your new windows will feature some of the most energy-efficient materials, reducing energy costs while increasing comfort.

### Your Source For Quality And Durability

Graham windows and FM Graham curtain wall products are made to exacting specifications and are fully tested and certified to meet AAMA standards for architectural grade installations. In addition to AAMA performance certification, our factory quality assurance program also includes AAMA third-party verification to provide assurance of consistent high quality. If you're looking for the best overall value, look to Graham. We life cycle test our products to ensure that they continue to work as designed for years to come, reducing maintenance costs while extending their useful service.

### Cost-Effective Custom Windows

Graham has been building custom architectural aluminum windows for over 38 years. In that time, we've engineered and perfected an extensive selection of architectural design tools. These tools include hundreds of special interior trim and exterior panning shapes developed for specific applications. These profiles make it possible to replace virtually any existing window, often to the satisfaction of local and historical renovation criteria. Using our extensive assortment of historical profiles can save you a considerable amount of money compared to paying for custom extrusions you'll find elsewhere.

### Design Specific

Graham has engineered windows for educational and historical applications nationwide and knows how to produce the results you need. Our expert team of field consultants will discuss your needs with you and recommend the appropriate window solution for your project. Before your job hits our manufacturing floor, we verify the design and features with you to ensure you get exactly what you expect. Our project management team will be with you from start to finish to ensure everything goes just as expected. Once in manufacturing, your windows are made to your exacting specifications by our highly skilled labor force. Only the finest quality extrusions and materials will be used with your new or reproduction window, assuring you of a quality product.

## Why Graham?

### ✓ Experience

Graham Architectural Products has been making architectural grade windows and doors for over 38 years. We custom design and engineer each job to exacting specifications and proudly manufacture all of our windows in our own facilities right here in the U.S.A.

### ✓ Quality

Graham Architectural Products is known in the industry for our work supplying custom historic replications that require exacting details and the highest quality standards. We apply those same standards to everything we make. When you specify Graham, you are assured a quality product that's right for the job.

### ✓ Custom Engineered

Each and every job we do is custom engineered at our facility to meet your specifications. From structural design to hardware application, your Graham windows and doors are built for just one customer, you.

### ✓ Testing and Certification

Graham Architectural Products has one of the most complete lines of tested and certified window and door products. We believe that thorough testing and third-party certification is essential in providing a greater assurance that our products will perform as expected in real-world situations. When you specify Graham, you're assured that your project will get the performance you need every time.

## Project Showcase

El Segundo High School, located in the Southern California village of the same name, is known for high academic achievement and for its signature mission-style bell tower.

Graham Architectural Products was selected to supply replacement windows in the original brick structure as part of a \$49 million renovation and new construction project. Built in 1927, the original structure was retrofitted with 73 large thermally-improved Series 6700 structural aluminum windows. The new fixed and awning-style projected windows incorporate low-e glass that not only outperforms the originals, but successfully replicates their true-divided-light muntins and graceful arch tops. The pre-set panning system completes the historical appearance of the building's original architecture.

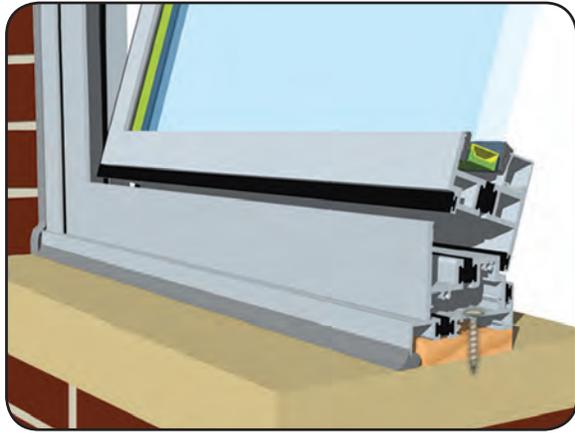
In addition to the windows in the original building, Graham supplied windows for the new construction phase of this project.

**Products Used** - Graham Series 6700 fixed and projected windows with true muntins

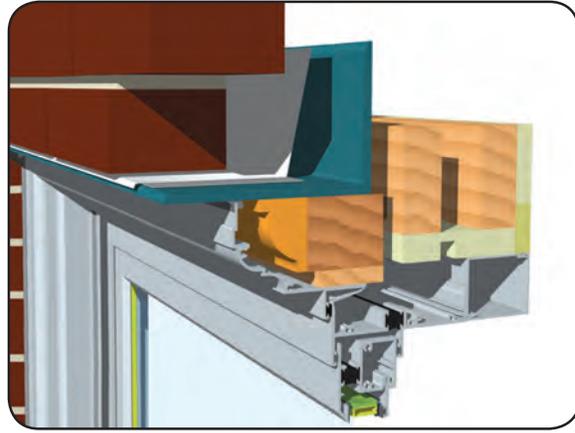
**Architect** - Ashen & Allen - Los Angeles, CA  
**Installer** - Artesia Glass - La Mirada, CA



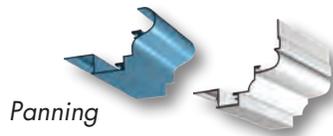
# Graham Offers An Extensive Line Of Trim And Accessories For Historical Replication Or New Construction



Receptor System



Pre-set Panning and Interior Trim



Panning

Applied Grids



Trim & Accessories

## Get More With Graham

- Single Hung
  - Double Hung Side Load
  - Double Hung Tilt
  - Double Hung Self Balanced
  - Projected/Fixed
  - Sliding
  - Fixed
  - Dual Action
  - Integral Blinds Between Glass
  - Curtain Wall
  - Sunshades
  - Security Screens
  - Doors & Entry Systems
  - Terrace Doors
  - Blast-Resistant Windows & Doors
  - Hurricane-Resistant Windows & Doors
  - Ballistic-Resistant Windows & Doors
  - Acoustical Windows
- Graham has over 38 years of school and university project experience, supplying thousands of windows to school and university projects each year.
  - We specialize in historical reproductions and can maintain the architectural details of any campus building structure.
  - Graham has hundreds of existing shapes that may match your custom project needs, which can result in substantial savings over custom extrusions.
  - We design custom shapes and sizes specifically for your project, as needed, to maintain original aesthetics and design.
  - We use the latest technology in energy-efficient insulating glass and thermally broken aluminum framing that greatly reduces energy costs.
  - Recyclable materials in our products will assist you with attaining important LEED project points.
  - Graham is a single source for design, supply, installation, and service with our vast network of qualified partners.
  - Innovative products like our Guardian panels are designed specifically for the education market.
  - We can incorporate specialty hardware designed for maintenance personnel use only to limit tampering.
  - Optional integral security and vandal screen feature for additional protection for your investment.
  - [Check out our specialty products for your specific needs.](#)
  - *Entrances* – doors and surrounding glazed framing to complete the project
  - *Acoustic* – for the most demanding sound attenuation
  - *Hurricane resistant* – to provide flying debris protection in coastal regions
  - *Blast resistant* – for those projects that require blast event mitigation

# *Schools & Universities... ...Window and Door Systems*

CUSTOM MANUFACTURED ARCHITECTURAL GRADE WINDOWS AND DOORS

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*Simplify Your Project With Graham...  
...The Solution For All Your Fenestration Needs*

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**Graham Architectural Products**

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Graham Architectural Products has provided building owners and architects with some of America's highest-quality architectural windows and doors for over 38 years. From new construction and historical reproductions to hurricane-resistant, blast-resistant, and acoustical products, Graham has the product to meet your needs. Graham has casement, hung, dual action, sliding, fixed, projected windows, curtain wall, storefront, and sunshades. Create aesthetic replications from the industry's best selection of historic panning and trim systems.

### Historical



Graham is known as the architectural window industry's premier historic preservation specialist, serving discerning building owners and architects across the U.S. Special shapes, operating systems, and accessories faithfully emulate your historic windows and doors.

### Hurricane Resistant



Graham offers heavy-duty windows and glass doors to withstand the ravages of hurricane-force winds. Graham's impact-tested windows conform to the Florida Building code's high velocity wind zones.

### Schools & Univ.



Graham has been supplying custom-engineered windows and doors to schools and universities with new and authentic replicated windows for years. Our experience and our extensive inventory of accessories can help reduce initial costs significantly.

### Blast Resistant



Graham has joined the War on Terror with a full line of blast-mitigation windows. Federal agencies have mandated that windows in public buildings meet GSA and UFC test criteria for bomb threats up to 33 psi. Blast mitigation for historical projects is our specialty.

### Doors & Storefront



Custom doors and storefront systems, including blast-rated storefront systems, are available to complement Graham window systems. Single-source procurement simplifies project management and can even reduce the overall cost of the project.

### Acoustical



The primary source of noise intrusion, in both homes and buildings, is through the windows. Graham is a leader in the battle against noise pollution in building interiors. Acoustical windows are sound solutions for commercial, institutional, and residential environments.

### Curtain Wall



Graham has curtain wall to suit nearly any application. We custom engineer your project to ensure proper materials are incorporated to do the job right. Our unitized product simplifies installation and is available glazed or unglazed.

### Ballistic



Certain projects require special needs from time to time. If your project requires ballistic-resistant windows and doors in certain areas, Graham stands ready to fill your needs. Graham has ballistic-resistant products that are tested and certified to the UL 752 ballistic standard.