

PROJECT HIGHLIGHTS



**American
Insulated
Glass**

**GWINNETT COUNTY
COURTHOUSE EXPANSION
LOCATION: LAWRENCEVILLE, GA**



THE PROJECT

The Gwinnett County Courthouse Expansion is a 228,000 SF addition to the existing courthouse featuring a fresh new look that fronts Nash Street and a new state-of-the-art security entrance directly connected to the new 1500 car parking deck. The expansion wing will accommodate six new superior courtrooms with space available for eight additional superior courtrooms in the future, Judges Chambers, a five hundred seat Jury Assembly space, Sheriff Offices, and Inmate Holding and Vehicular Sally Port that serves both the existing and new buildings which are connected by enclosed sky bridges.

THE TEAM

- **Architect:** Pieper O'Brien Herr Architects
- **Structural Engineer:** PES Structural Engineers
- **General Contractor:** Gilbane Building Company & Reeves Young
- **Glass Manufacturer:** AGC Glass North America
- **Glass Fabricator:** American Insulated Glass
- **Glazing Contractor:** Crown Corr
- **Products:** Vision Glass: 1" OA IGU 1/4" Energy Select 23 #2 Surface | 1/2" Airspace | 1/4" Clear; Spandrel Glass: 1" OA 1/4" Energy Select® 23 | 1/2" Airspace | 1/4" Custom Painted Mayen Blue
- **Photography:** Jim Roof Creative Photography

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THE CHALLENGE

The exterior design has a modern glass identity while respecting the existing building. Sun shading louvers are among some of the sustainability considerations utilized on the design of this potential LEED project combined with Energy Select® 23, one of the industry's highest performing solar control glass solutions on today's market. The Energy Select® 23 glazing is a triple silver, low-e coated glass designed for maximum performance in the hottest climate regions. It offers a neutral blue reflected color, 50% visible light transmittance (VLT) and a 0.23 solar heat gain coefficient (SHGC), allowing plenty of natural daylighting in while keeping more heat out to maximize energy savings. AIG furnished custom Mayen Blue spandrel units to complement the vision glass.

RESOURCES

- www.aiglass.com
- <https://poharchitects.com>
- <https://pesengineers.com/>
- <https://www.gilbaneco.com/>
- <https://www.reevesyoung.com/>
- <https://www.crowncorr.com/>
- <https://www.agcglass.com/glass-products/energy-select>

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