

GG-System

Glass to Glass

Structural System

NOVUM



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System Components

01. Glass is fully tempered
02. Structural members are made of glass fins
03. Attachment plates are Grade 304 or 316 stainless steel
04. Hardware is Grade 316 stainless steel

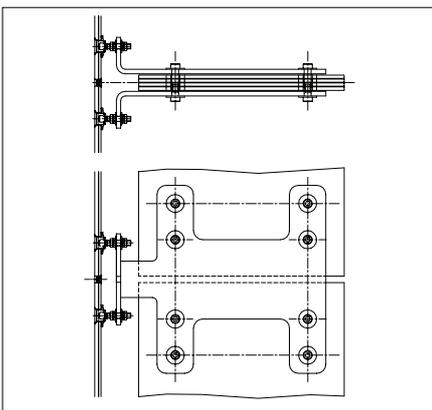
Applications

01. Vertical, overhead and sloped glazing
02. Where glass is the primary structural element
03. Primarily used where geometries are linear based



System Attributes

01. Creative, transparent and highly aesthetic
02. Technical design of glass with minimal size connections
03. Spans to 50' (16m) are achievable by splicing components
04. Beam lengths of up to 23' (7m)
05. Dependent on application, individual glass fins can be triple layer, laminated or monolithic
06. Laminated and triple layer glass can provide structural redundancy by design
07. Edges are polished or ground for high tolerance, safety and aesthetics
08. System can be free standing or hung
09. Structures are designed by Novum's in-house engineers
10. Spacing and sizes are determined by deformations under applied loading and glass spans
11. Easy integration with perimeter materials such as steel beams or concrete
12. Integrates with other optimized Novum Structural Component Systems such as the Tension Rod System for lateral stability
13. Integrates with other Novum Glazing Systems



Options/Materials/Finishes

01. Standard product is clear glass
02. Low iron glass is available
03. Glass cladding can be monolithic, laminated or insulated
04. Glass panels can be 1/2" to 1-3/4" thick with various frits and coatings
05. Standard hardware finish is satin stainless steel, bead blasted stainless is an option

Front: Flag House and Star
Spangled Banner Museum, MD
Architect: Richter Cornbrooks & Gribble, Inc.