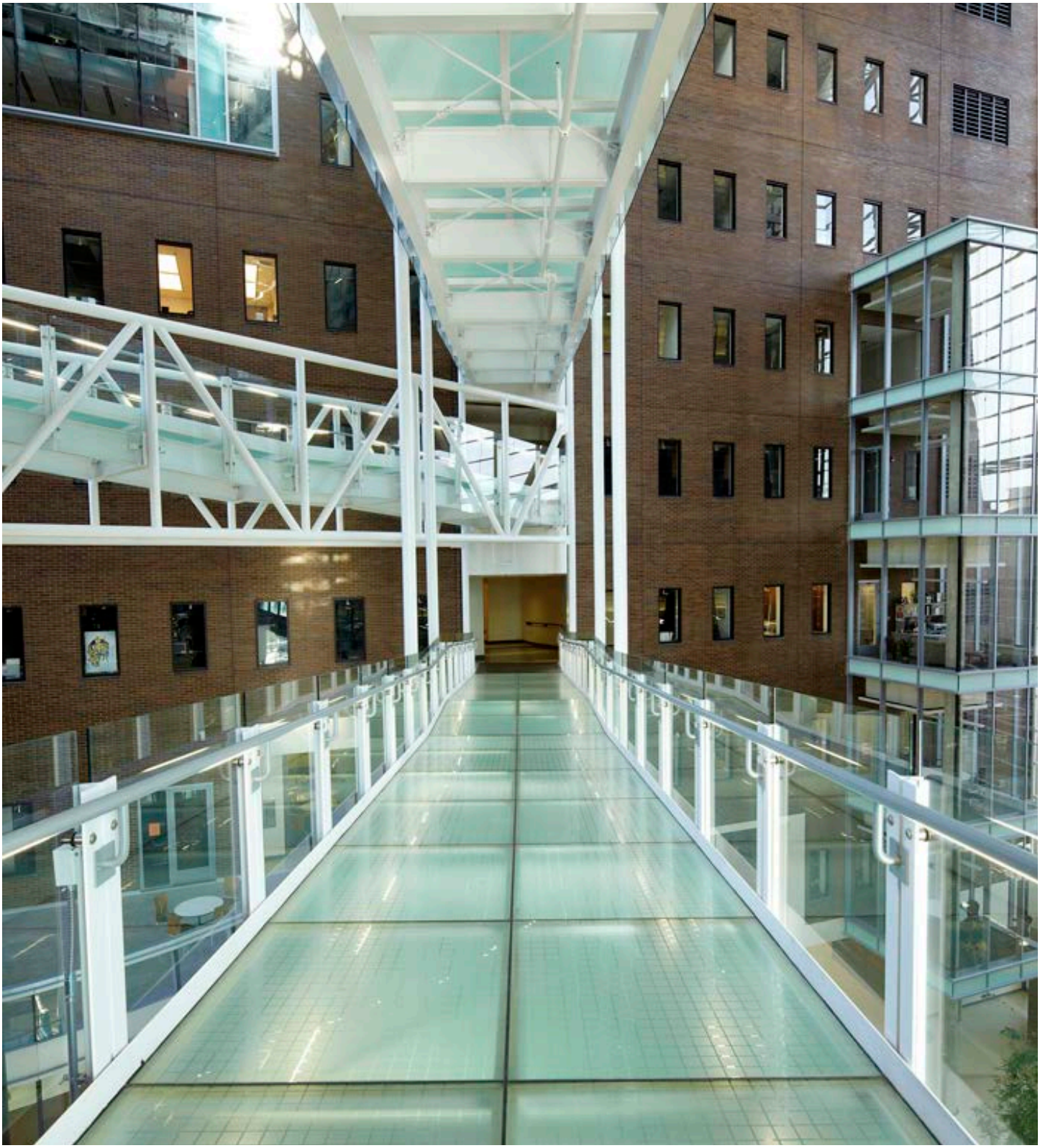
WSG-System

Walkway Surface Glass

Glazing System

NOVUM



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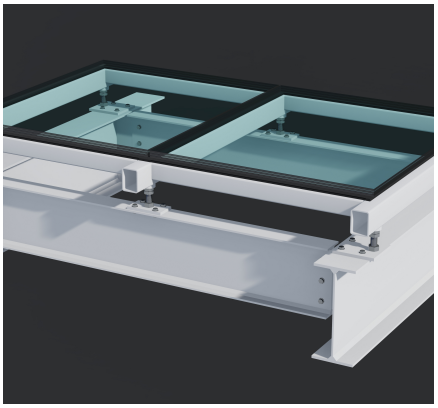

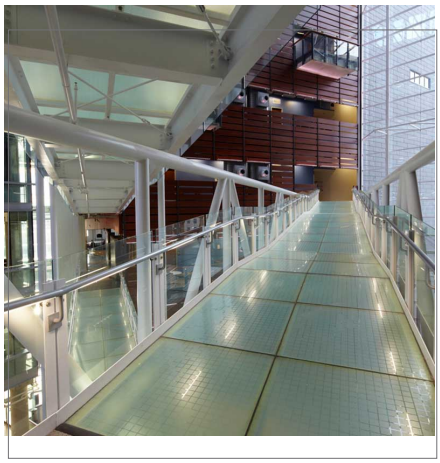

System Components

01. Laminated and strengthened glass is slip resistant and translucent to provide both safety and visual discretion for the users
02. Surface treatments can be etched, frit patterned or cast
03. Silicone joints for floors are comprised of wet silicone and rigid backer
04. Typically supplied turnkey using Novum AES-System as structural support

Applications

01. Horizontal or slightly inclined structural glass walkway surfaces
02. Glass treads in staircases
03. Used only as flat panels
04. Ground level shadow boxes
05. Walkways over water feature
06. Typically used in interior applications for commercial, high end retail and premium residential properties

System Attributes

01. Ultra contemporary clean design aesthetic
02. Does not require full edge support
03. Structural glazing attaches directly to the substructure
04. Glass can be 2, 3 or 4-sided support and has slip surface properties
05. A wide variety of methods to mechanically fasten the glass are used: point supported or linear supported with structural silicone or discreet clamps
06. Nominal interruption of glass surface for reduced shadowing
07. Glass panels are designed using finite element analysis for maximum safety
08. Relatively large panel sizes and walkway loadings are accommodated
09. Exposed glass edges are ground or polished to reduce potential damage
10. Glass is typically triple laminated for redundancy/safety. If used, a cast upper layer may be considered sacrificial in the design
11. Novum engineers typically integrate the glass with the AES-System so that stringent operating deformation criteria are met

Options/Materials/Finishes

01. Standard is fritted glass surface with etched or pattern etched as glass options
02. Clear glass is standard and recommended
03. Edge supports are available in painted mild steel, powder coated aluminum or Grade 316 stainless steel
04. Standard setting profiles are white or black with dark gray as an option