

**For Immediate Release**

**Contact:** Lauren Ban, LarsonO'Brien ADV/PR

**Phone:** 412-571-1600 **E-mail:** [Lauren@larsonobrien.com](mailto:Lauren@larsonobrien.com)

**Date:** April 13, 2007

**Eclipse™ Attachment Method from Cambridge Architectural Expands  
Rail Infill Installation Options**

**CAMBRIDGE, MD...** Cambridge Architectural, North America's leading manufacturer of architectural mesh systems, introduces Eclipse™, a custom engineered attachment method ideal for metal fabric railing infill applications.

Eclipse hardware can be specified in conjunction with Cambridge's Security & Safety woven mesh systems, providing a unique solution for suspending and holding tensioned metal fabric. When used for railing infill purposes, Eclipse elegantly secures panels of metal fabric to provide an aesthetically pleasing, yet functional and economical method of fall protection.

The patented attachment method consists of tailored edges for expanses of flexible stainless steel mesh. Custom cut apertures receive the metal fabric ends in tubing that is then integrated into a bracket and structural support design. The tube provides a visual reveal between panel lengths and tube sizes that may vary to emphasize or de-emphasize the attachment. As high load supports are needed only at the top and bottom of the panel of metal fabric, the Eclipse hardware dramatically reduces the number of structural supports required. Eclipse can also be designed to meet or exceed the fall protection and load requirements for most areas, while eliminating the need for additional handrail infill panels.

Eclipse is appropriate for lengths of metal fabric up to 100 feet, working best in combination with Cambridge's Balance, Cubist, Scale, Stripe, Mid-Balance and Shade metal fabric patterns, which feature varying percentages of open area.

"In comparison to other infill options, Cambridge's woven metal fabric systems are more refined and sophisticated, yet they are also extremely functional and affordable," says David Merriman, Cambridge Architectural's manager of marketing and business development. "Eclipse offers a truly unique method of attachment for infill applications in that it suspends the metal fabric in tension, turning a seemingly ordinary project into one that is anything but."

Cambridge recently fabricated a Security & Safety mesh system, utilizing custom Eclipse attachment hardware, for a pedestrian bridge at Carroll Creek Park in Frederick, MD. The woven metal fabric system was specified for the railings of the single-column suspension bridge. Sweeping panels of metal fabric in Cambridge's Mid-Balance pattern were attached with Eclipse hardware to create the metal fabric system featuring 52% open area. The design element adds interest and texture to the bridge, while maintaining functionality.

**--MORE-- --MORE-- --MORE--**

**Cambridge/Eclipse – Plus One – Contact: Lauren Ban 412-571-1600**

“The true beauty of metal fabric is that it allows an architect to transform a typical infill application into something much more unique,” continues Merriman.

Besides interior and exterior rail infill applications, Eclipse hardware and corresponding metal fabric patterns are ideal for other Security & Safety applications, including parking garage bays, balconies, elevated walkways and countless other possibilities.

Cambridge offers a variety of other attachment options and numerous variations of flexible and rigid metal fabric. Aesthetic and functional applications include sunshade systems, parking structure and stairwell envelopes, space dividers, window treatments, curtain walls, elevator cladding, custom applications and more.

Cambridge maintains a fully-staffed engineering department to assist with installation details, framing design and load characteristics, and is also available for on-site installation supervision.

Cambridge Architectural is the leading North American manufacturer of architectural mesh systems and is an applications-based and customer focused organization that offers full engineering assistance throughout the design-build process. Systems applications include Facade, Space Sculpting, Corporate Branding, Security & Safety, Solar, Ventilation and Landscape Interiors. For more information about Cambridge Architectural call 1-866-806-2385 or visit [www.CambridgeArchitectural.com](http://www.CambridgeArchitectural.com).

--# # # --