For Immediate Release
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Cambridge Architectural's Engineered Systems Expand Solutions for Parking Structure Applications

CAMBRIDGE, MD…Cambridge Architectural, the leading American manufacturer of woven metal systems for architectural interiors and exteriors, offers innovative product combinations of engineered tension systems and architectural mesh, for the design and specification of parking structures. A new parking structure at Arizona State University exemplifies the aesthetics and practicality of Cambridge's diverse product line.

Cambridge's large-scale flexible open woven metal patterns allow daylight and fresh air to pass through parking structures, reducing the need for costly HVAC and exhaust systems. Woven metals are fabricated in lengths up to 200 feet, which allows for more efficient installation. Cambridge stainless steel woven metals are virtually maintenance-free.

The Arizona State University parking structure, completed in June 2005, features both BALANCE and STRIPE woven metal patterns, mounted with specially engineered SCROLL, ECLIPSE and J-HOOK attachment methods. The woven metal used in this project meets fall protection requirements and, when used with crash barriers, eliminates the added cost of handrails. The attachment hardware, invisible from outside the structure, was designed to keep an aesthetic focus on the woven metal and requires far fewer structurally embedded supports than its heavier, panelized alternatives.

Dick & Fritsche Design Group designed the new parking structure to stand out from other garages on the campus, employing light-gauge screen panels from Cambridge on the south and west sides of the structure to create the appearance of a grid. The galvanized framing and tensioned woven metal panels, break up the boxy mass of the 400- by 75-foot concrete building. BALANCE and STRIPE woven metal patterns shade vehicles and pedestrians by day while permitting security personnel a view into all levels of the structure at night.

SCROLL is a patent-pending attachment method that grips the woven metal and holds it in tension. Quarter-wrapped brackets attach to the structural supports to hide the hardware. SCROLL is appropriate for lengths of woven metal held in tension up to 100 feet.

ECLIPSE, also patent-pending, provides tailored "edges" for expanses of flexible woven metal in tension. The woven metal fits into custom cut apertures in tubing that integrates into brackets and structural supports. Like SCROLL, ECLIPSE is appropriate for lengths of woven metal held in tension up to 100 feet.

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J-HOOK attaches woven metal to structural supports via J-hooks. The clearly articulated connection requires a rod that is threaded through the mesh at top and bottom edges. J-HOOK is appropriate for lengths of woven metal held in tension up to 20 feet.

Cambridge maintains a fully staffed engineering department to assist with installation details, framing design, and load characteristics. Experts are also always available to supervise an installation on site. With 27 standard woven metal patterns, 10 attachment methods and endless customizable options, Cambridge offers solutions for enclosing parking garages, forming canopies, defining space, displaying corporate identity, and much more.

Cambridge Architectural is the leading American manufacturer of woven metal architectural systems. The elements of a Cambridge system include the desired application, the attachment hardware and the woven metal. Systems include Corporate Branding, Façades, Landscape Interiors, Security and Safety, Solar Control, Space Sculpting, and Ventilation. For more information about Cambridge Architectural call 1-866-806-2385 or visit www.cambridgearchitectural.com.

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