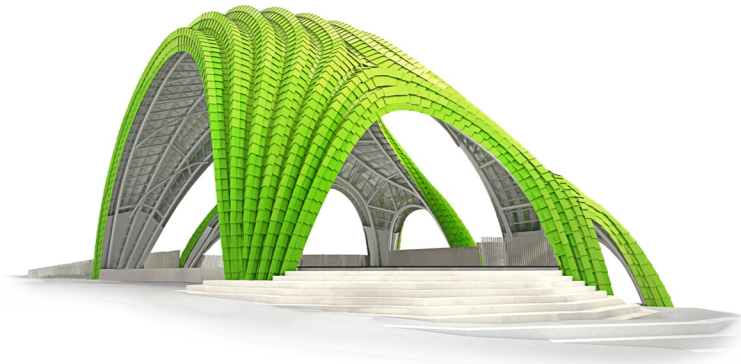


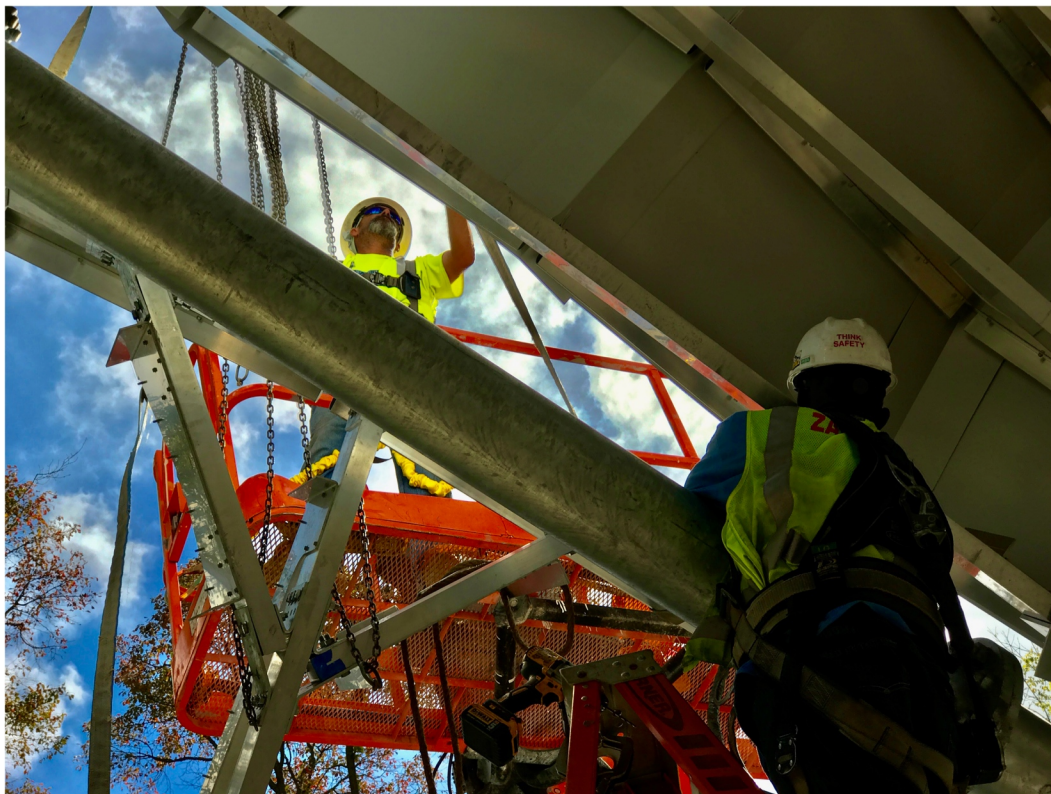
INNER ARBOR TRUST™

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MerriweatherPark.org



To: Residents of Howard County & Interested Parties
From: Michael McCall, President & CEO, Inner Arbor Trust
Date: October 15, 2016
Re: Chrysalis Construction

Inner Arbor Trust and its world class team of designers, engineers, contractors, fabricators and installers are moving aggressively forward in the development of the Chrysalis Stage, Pavilion and Sculpture in Merriweather Park at Symphony Woods; designed by award winning international architect/artist, Marc Fornes, of the New York City based THEVERYMANY. The details of the design are the responsibility of the Maryland-based Living Design Lab, and its Engineer, the Washington DC office of Arup. A. Zahner Company of Kansas City is the specialty engineer, fabricator and installer of the steel and aluminum shingled shell.



A Zahner crew chief from Kansas City and a Maryland-based sheet metal worker secure the last of seven (7) triangular ZEPPS (Zahner Engineered Profiled Panel Systems), “topping-off” the hemispherically shaped structure, and completing the geometry of the Chrysalis’ 12,000 square foot surface, rising above the 5,000 square foot Stage / Pavilion floor.



On top of the ZEPPS (which are composed of 300 unique aluminum trusses), clear anodized aluminum sheeting is secured, forming the silver colored, exterior substrate and interior finished surface geometry of the Chrysalis' highly functional sculpture. While the last of this aluminum sheeting is screwed into the ZEPPS, the outer layer of 7,700 colored shingles is carefully attached. The shingles come in 11 sizes and shapes, and in four different shades of Spring Green.



Each shingle arrives pre-drilled for rivets, precisely locating the engineered attachment points to the silver colored clear anodized aluminum substrate. At least four rivets are used per shingle, often securing yet again one or two layers of shingles underneath the three part protocol consisting of the valley shingle, the peak shingle and the middle shingle. The final phase in the completion of the Chrysalis skin, a total of 45,000 rivets are being placed to secure the shingles to the sheet metal substrate, which is secured to and supported by the ZEPPS, which are secured to and supported by the [award winning tubular steel structure](#).



Two of the four shingle colors are depicted above, while single shingle colors take on different hues, as the constantly changing surface geometry reflects light at continuously changing angles back to the viewer, making the same color appear as multiple shades. These are only the two deepest / brightest of the Spring Green palette, while the other two green tones, yet to be placed on the Chrysalis skin, will continue the visual representation of fresh, new growth of the seemingly growing architecture. All 7,700 of the shingles have been thought of as specifically placed pixels, mapped to the surface using what graphic designers call dither, to decrease color banding and increase the natural color evolution of the form.



Schedule & Budget

Nationally renowned, Maryland-based Whiting-Turner Contracting Company, the General Contractor for everything but the steel and aluminum shell, will substantially complete the one-of-a-kind building this year, and the opening of the Chrysalis will be celebrated next spring, to honor Columbia's 50th Birthday.

The project is on budget, thanks to \$6.4 Million in funding from the Howard County government, authorized by the bipartisan support of the former County Executive Ken Ulman and the ongoing support of the current County Executive Allan Kittleman; and, the funding was enacted into law by unanimous Howard County Council support, each year for three consecutive fiscal years.

The State of Maryland has provided \$2 Million to Merriweather Post Pavilion, which is funding paths, handicapped parking and restrooms (with 13 stalls for women) in Merriweather Park at Symphony Woods, which will be open to Park patrons. Lastly, \$1.6 Million of initial funding for the Inner Arbor Trust's approved plan for Merriweather Park at Symphony Woods was provided by Columbia Association, and additional funding comes from the Inner Arbor Trust's revenue.

CHRYSALIS

MERRIWEATHER PARK AT SYMPHONY WOODS

