



CAP INDUSTRIES

MANUFACTURERS OF FINE ARCHITECTURAL PRODUCTS

When creativity and reliable service are paramount in the architectural products industry, one company has been standing head and shoulders above the rest for over three decades. Founded in 1983, Columbia Architectural Products has been servicing the metal wall panel industry locally and throughout the United States with the in-house engineering, project management and customer service team to get every client's project done in an affordable and timely fashion.

The company was officially begun in the early 1970's by Ron Prass and Bill Morrissey, but in 1983 Bill Bass and his brothers purchased Columbia Architectural Products (CAP). A professional architect for years, Bill put that career behind him and came to CAP to run it full time. Growing steadily, CAP started with the manufacturer of window and storefront infill panels, and has evolved to specialize in custom

engineered high-tech wall cladding systems. Without a doubt, CAP experienced growing pains and setbacks, yet with a solid vision and commitment to client satisfaction the company has emerged an innovative solutions oriented architectural products leader.

Certainly a major milestone for CAP came in 2010 when they brought on Ron Moore to be the Director of Sales and Marketing. With many years of experience in the industry, Ron helped transform the company to do more than just panels. With his enormous amount of contacts and depth of fabricating knowledge, Ron has opened up new doors for CAP including starting new websites up and running to do ecommerce stores; www.capmetalpanels.com, www.capcornerguards.com, www.capidrywalltrims.com.

"By giving people access to all the products we offer via the internet, we have

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Cape Fear Medical Center
1638 Owen Drive , Fayetteville, NC

This multi-million dollar renovation demonstrates CAP's Tecpan Insulated Panels used as both building envelope wall panels as well as in-fill panels, supplied in a custom white Kynar and clear anodized finish..

Designed by HDR Architects and installed by SPS Corporation of Apex, North Carolina, this 1.7 million square-foot, over 500-bed acute care hospital located in Fayetteville, North Carolina provides high-quality patient care as a regional healthcare provider. The renovation work included the construction of a new unit to house the health system's first CyberKnife robotic surgery system.

Cape Fear Valley Health is the ninth-largest health system in North Carolina with 4,800 employees and 500 physicians on staff. Our 765-bed regional health system includes five hospitals and primary care physician offices throughout Southeastern NC.



George Marshall High School
7731 Leesburg Pike, Falls Church Virginia

This project features CAP's Tecpan product. A 1" thick insulated metal panel. The Tecpan panel is a pan-in-pan perimeter sealed panel. This panel features a .040 aluminum face, color Cityscape, a 1" extruded polystyrene core and a .040 random aluminum back. At the 1" thickness, it provides an R Value of 5. CAP Industries is proud to be a part of this \$70 million renovation.

CAP's part in this project included about a dozen canopy fascia and soffits around the perimeter of the building and courtyard. Installation was performed by Interstate Corporation of Gaithersburg, Maryland. Designed by Samaha Associates of Fairfax, Virginia.

When this project started the school held 1500 students by design, but had enrollment of nearly 1700. With the anticipated growth in Falls Church and Tysons Corner the expected 2016 enrollment will be just shy of 2000 (the same as the intended capacity of this \$70 million improvement).



Brookland Middle School
1401 Michigan Avenue Northeast, Washington, DC

This project demonstrates CAP's ability to produce large, sloped panels combining a Wet Seal system and a Dry Seal at the transition from sloped Soffit to Fascia.

Material used was an Alucoil 4mm Composite, "Silversmith". Designed by Hartman-Cox Architects of Washington DC, the school Architect was Grimm+Parker. Installed by All Pro Glass of Hyattsville, Maryland, the Soffit Panels weighing over 100 pounds had to be hoisted 50 feet in the air.

The project is a joint effort of two District agencies: the Department of General Services and DC Public Schools. Designed for a capacity of 540 students, the school was initially slated to open in fall of 2014 however construction crews were slowed by an unexpected discovery of a gas line on the site. The school's target opening was moved to August 2015.

The modernization and renovation of this existing school, used an adaptive re-use approach. The modernization included an extensive exterior restoration that included the ACM panels manufactured and supplied by CAP Industries.



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become a national and even international manufacturer and supplier,” says Ron.

There are numerous strengths that set CAP apart as the industry leader, and at the forefront is their breadth of expertise and customer service. “A lot of construction documents leave a good deal of missing information,” explains Bill Bass. “That means we need to figure how to make something work, how to manufacture it and how it should best be installed. It really does require a lot of engineering. People do not always understand that metal is different than other materials. We have a variety of different products for different applications.”

There are many companies that CAP competes with, so the excellent customer service they provide give them a distinct advantage. “We work with customers so the products work and fit smoothly,” continues Bill. “We take the time to make sure it is right. Our superior shop drawings give every detail and identify critical field dimensions. We also coordinate very well with other trades to make sure everything gets done correctly.” In fact, the strong relationship with all involved on a project really provides a team atmosphere. “The team at CAP understands that good relationships with installers, architects and manufacturers are integral in any project success. We firmly believe that strong relationships with the industry’s finest contractors will

not only ensure quality in construction, it also helps us form a team that has the client’s goals in focus at all times,” says Ron.

“We maintain very close communication with the contracting team, and they all have direct access to us at all times as well.” A real key to maintaining strong relationships is just focusing on what CAP does best. “We only fabricate, we do not install. We do, however, have a network of installers we can recommend.”

Being a small company is another major strength of CAP. “We are a focused architectural products firm that is small enough to provide good client service, yet with enough experience and knowledge to work on larger, more complex projects,” explains Bill. “If and when a client needs to talk with either Ron or myself, whether to get our advice or help create a solution, we are only a phone call away. We are very accessible, and this gives our clients enormous confidence through all phases of our project involvement.” Columbia Architectural Products boasts bilingual capabilities for their clients and the majority of CAP’s employees have been with the company for over ten years, showing a great deal of loyalty and satisfaction.

Technology is yet another major strength CAP relies on to best serve their clientele. Having the latest CAD to help solve production issues is integral, and the investment in the finest machinery has made Columbia Architectural Products the industry cutting edge leader. Examples include their Cidan Power Folder, metal fabricating and composite fabricating machinery, as well as laminating equipment. “We are the only company in the

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Field School
2301 Fox Hall Road, Washington, DC

This curved addition offered a unique opportunity for CAP to demonstrate its capabilities and rise to the challenge. “V” Grooved, Rolled, cut and assembled Alucoil 4mm aluminum composite panels with thickness ranging from 1” curved parapet cap to 8” layered wall claddings, offset to create depth to this architectural element. Panels included curved aluminum extrusions bonded to the backs to help hold its shape and provide the necessary wind load ratings.

This is a Staggered Clip-Rod and Caulk System expertly installed by Kemberling Construction of Arnold Maryland. From the Ground level to the Parapet top, this unique radius addition features one of three green roofs throughout the Field School renovation project.

This circular feature provides the entrance to the new Elizabeth Meeting House, named after the founder Elizabeth Ely. It is centrally located between the existing entrance and the Cafritz House. The new entrance brings you to the upper level of the meeting house which was designed to provide office space and gives The Field School a new, flexible and beautiful venue for performances and events.





George School Fitness and Athletics Center
1690 Newtown-Langhorne Road, Newtown, PA

This project features CAP's Tecpan product with Plant-Ons around the perimeter roof line. These 1" thick insulated metal panels feature a .040 aluminum face, color Granite that blend in with the stone accents. The panel also includes 1" extruded polystyrene core and a .040 random aluminum back.

This is a new 100,000 square foot Fitness and Athletics Center on the George School campus. The light-filled natatorium features seating for 200 spectators and the Marshall-Platt Pool, a state-of-the-art 25-yard, eight lane pool with buffered areas and a wide coaching deck.

Also provided by CAP is their Series HD Column Cover, beautifully painted to match the Tecpan Metal Panels. These Column Covers are specifically designed for high traffic areas. Made of 1/8" extruded aluminum heavy duty walls in a 6063 T5 Alloy, These column cover assemblies are virtually indestructible. Available in 12" diameter and up to 16' in height without any horizontal joints.

Designed by Bowie Gridley Associates of Washington, DC and installed by Weavers Glass of Harrisburg Pennsylvania.



Kaiser Permanente
1221 Mercantile Lane, Upper Marlboro, Maryland

Kaiser Permanente, a Full Service Medical Office Building Located in Largo, Maryland consists of 106,700 SF Addition, 129,000 SF Renovation.

Although this building is not going to be LEED certified, there are many sustainable features in this medical office building. Throughout construction, material is being separated and recycled. A major passive feature of this building is the large cobrahead roof on the third floor of the addition which spans over 200 feet in length. This brings in large amounts of natural daylight without overheating the space. 2" Tecpan Insulated Champagne Anodized Aluminum Panels Clad the exterior architectural Element, Fascia and Sloped Soffit at the "Cobrahead". The project was designed by Ellerbe Becket Architects, and the 2" Tecpan insulated Aluminum Panels were install by Glass & Metals LLC of Harrisonburg, Virginia.

The three-story, 106,700 square foot addition on the south side of the existing medical office building gives the facility much needed space to expand services. To support the new space major renovations were designed in the existing 232,000 square foot MOB, improvements to the mechanical and electrical infrastructure.





**University of Virginia
Lee Street, Charlottesville, Virginia**

The Lee Street Connective Elements project includes a new bridge over Lee Street between the University Hospital and the East Parking Garage. CAP manufactured and supplied the MCM Copper Barrel Roof and ACM White Composite Panels that form the curved elevated connector and the ACM panels on the adjacent buildings.

The Copper underside and either end further accent the Connective Element. Designed by Zimmer Gunsul Frasca Architects LLP and Installed by Glass & Metals, Inc. of Harrisonburg, VA. The Copper Barrel Roof hides piping and mechanical equipment. Rubber gasketing was installed between the curved copper panels to complete the finished look while allowing future access for maintenance. The shiny copper panels will eventually, in a matter of months begin to develop a dull dark patina.

The project ties together the Emily Couric Cancer Center Project and the Hospital Bed Expansion Project, allowing a unified sense of place and a new point of arrival with a plaza/traffic oval for better vehicular flow and controls the increased usage that results from the addition of these two projects.



**Washington Lee High School
1301 North Stafford Street, Arlington, VA**

CAP's, Tecpan Insulated wall panels are used throughout this renovation project, contributing to the awarded Gold certification in Leadership in Energy and Environmental Design (LEED) program by the US Green Building Council. These 1" thick insulated metal panels feature a .040 aluminum face, color Silver Metallic Kynar and comes with a 20 year finish warranty. The Panels were installed by PK Contractors of Lorton, Virginia.

Designed by Grimm & Parker Architects with offices in Beltsville, Bethesda and Mclean Virginia, the new Washington-Lee High School Project has a four-story academic wing which accommodates 1,600 students in grades 9 through 12. Along with a large gym, 25 meter x 25 yard competition pool, 850 seat theater, and two new rectangular athletic fields (in addition to the current stadium).

A stepped terrace leads to the field from the school's student commons and outdoor eating areas. The orientation of the new school within the surrounding open space and the abundant pedestrian connections across the site that connect neighborhoods adhere to Arlington County's urban design guidelines, which follow "smart growth" planning principles.

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Mid-Atlantic that has the capability to do all three,” states Ron. “We also use one hundred percent wind generated electrical power. We firmly believe in renewable resources.”

With all the successful projects completed by Columbia Architectural Products over the last three decades, it stands to reason that there would be many satisfied clients with wonderful things to say. The following are but a handful of quotes giving testimony to the dedication of CAP to the complete satisfaction of every client.

“We have been working with CAP for years. CAP is a reliable and conscientious company in a highly competitive market. We value our collaboration with CAP when working on construction projects. I would highly recommend CAP to anyone who is interest in quality work, quality production times, and valuable products.” - Gary A. Hurst, Project Coordinator, Montgomery Window Products Company

“It’s a pleasure to work with CAP and impeccable customer service, The integrity of CAP’s product and customer service is truly the best in the industry.” - Jody Ward, Project Manager, Suwannee Glass

“Our experience with CAP on the George School project was good. From shop drawings to close out, we felt that CAP took care of what was needed for this project. There were a lot of complicated profiles and configurations, and CAP did a great job!” - Tim Tankersley, Project Manager, Weaver’s Glass & Building Specialties

“Columbia Architectural Products has been an amazing source for glazing infill panels, brake metal, and other aluminum sheet products. They have never let us down and we couldn’t be happier with the product.” - Mike Carroll, Custom Doors & Hardware

“CAP provides superior service, and excels especially on custom, “outside the box” projects. We highly recommend them to anyone seeking solutions for their metal needs.” – Steve Fouts, VP/General Manager, Valley Lighting Shading Division

“We install many different architectural metal panels for our school projects, and Tecpan Panels from CAP is one of the most unique panels used in our projects. We have installed it recently at George Marshall High School in Fairfax County, and are very satisfied with the quality and application method of this panel. We are also very grateful that the materials delivered to our job site in a timely manner.” – David Choi, Interstate Corporation

“Here, at Caplan Brothers Glass, we appreciate the opportunity to work with CAP- We have always received professional-courteous service, from estimating thru delivery” - Marvin Price, Engineering Manager, Caplan Brothers Glass

“CAP has a unique and multi-functional product that has allowed PCC Construction Components, Inc. to satisfy the Architect’s vision on several projects.” - Don Deister, VP, PCC Construction Components, Inc.

“Columbia Architectural Products is our sole source for all of our panel needs. While most architectural panel companies have the

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Office Building 10001 New Hampshire Avenue, Silver Spring, Maryland

This Class “A” 5 story office building seen by thousands every day from the Washington Beltway, exit 28. LEED Gold-certified in the Core and Shell category. CAP once again demonstrates its ability to manufacture Curved/Arched 4mm Composite Panels. Here CAP used Reynobond Bright Silver Metallic.

Designed by NS Architects of Rockville, Maryland and installed by Commercial Window Solutions of Hyattsville Maryland. Estimated \$7.5 million New Construction- Five-story, 55,000 sf Class “A” commercial office space; One-level, 24,000 sf parking garage.

Sustainability Features:

- Built with materials that contain recycled content
- Use of efficient low-flow plumbing fixtures and motion sensor water valves reduces water usage by 30%
- Indoor air quality is improved through use of low-gas-emitting paints, finishes, carpets, adhesives and sealants
- The building envelope is made of high performance glass and state-of-the-art insulation for maximum energy performance and minimal infiltration
- HVAC system with variable air volume rooftop units and fan powered boxes
- Utilization of Green Power
- Lighting control system for dimming when daylight is sufficient

Awards and Accolades:

- 2009 August- Green Building of the Year Team Plaque of Honor (LEED NC Gold)
- 2010 August- NAIOP Commercial Real Estate Development Association (Maryland DC Chapter) Award of Excellence- Best Suburban Office Building 1-4 stories (LEED NC 2.0)

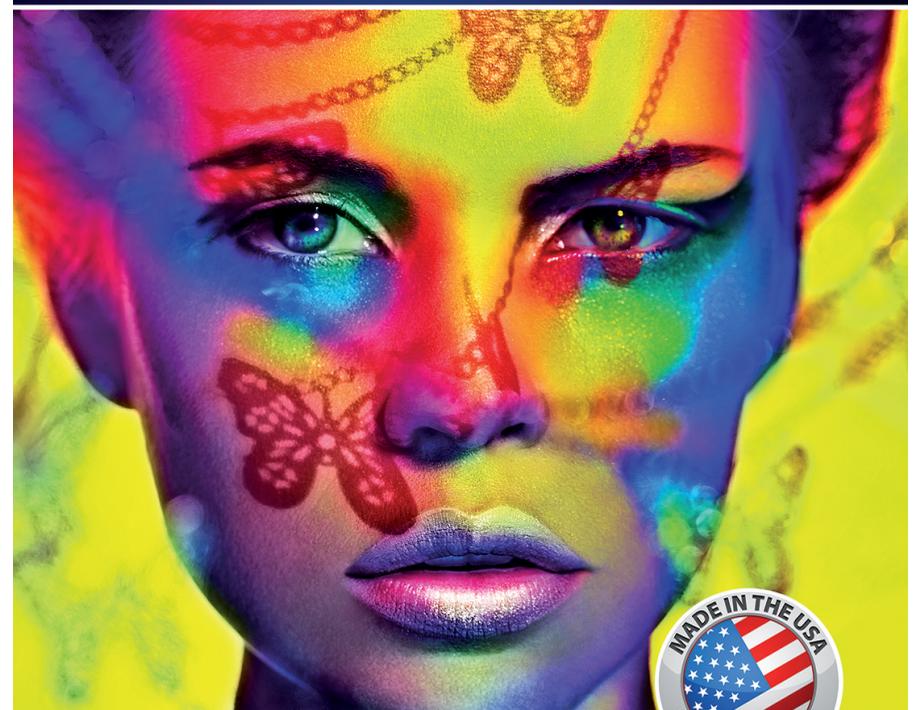
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same products and knowledge, CAP's impeccable service, willingness to work diligently and quickly with small projects, even when they have large projects in house being done, sets them apart from all the rest. In the DC area doing even small jobs & repairs is time challenging...CAP always makes us shine". - Tommy Bryant, Brylin Glass

Looking to the future, Columbia Architectural Products has every reason for optimism. For over three decades they have evolved into an industry leader through excellent customer service and superior and creative products. Yet Bill and Ron know that to bring their legacy of excellence to the next decade and

beyond, they need to stay at the forefront of the industry's needs. "We are constantly developing and distributing new products to solve problems or improve functionality and durability," explains Bill. "Examples include new interior products, decorative products and even bullet resistant products. Of course all of this will continue to fuel our internet business. We want to provide a wide assortment of choices and solutions locally, nationally and even internationally." For CAP, that future map to continued success is summed up in the firm's philosophy. "You can get anything in life you want if you will just help enough other people what they want." (taken from the renowned motivational speaker Zig Ziglar). With their strong local presence and capability to serve the worldwide market through the internet, Columbia Architectural Products has ensured they will set the industry standard of excellence for decades to come.

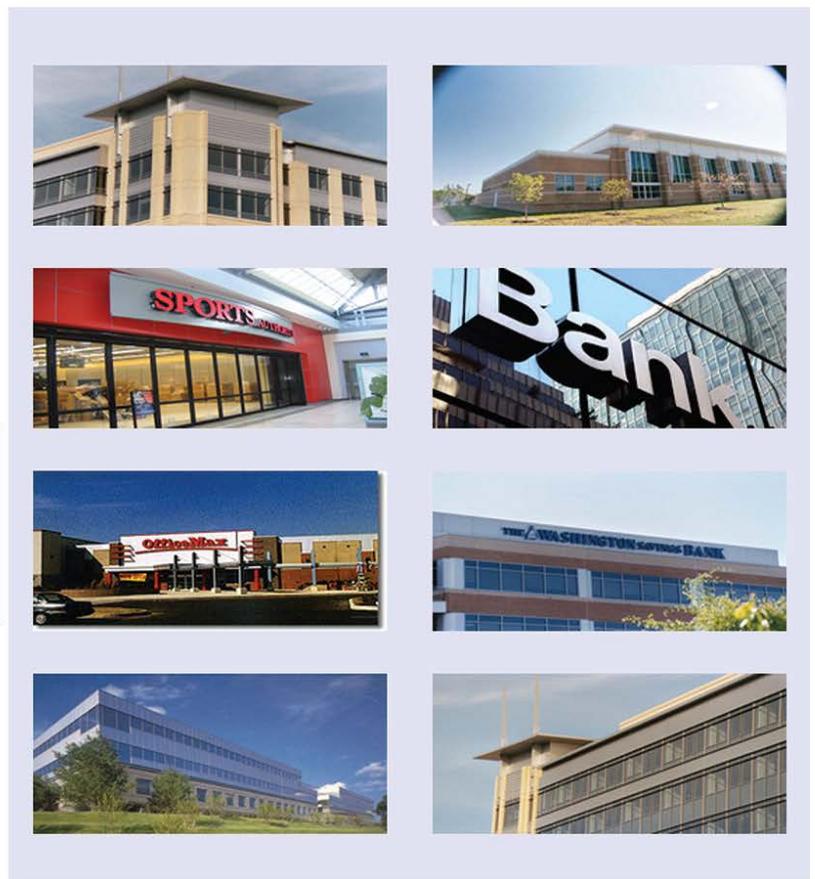


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We are both proud and thankful of all who have worked with us on projects and helped us achieve success!



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