

# VACON

## CHAMBERSBURG, PA



The 67,000 sq ft, single story structure is the new North American Headquarters for Vacon, Inc located in Vaasa, Finland. Completed in just 8 months and certified LEED Gold, the building contains 17,000 sq ft of office space and a 50,000 sq ft lab, testing, assembly and distribution facility. A state-of-the-art electrostatic discharge floor system is incorporated throughout the entire production and R&D area.



Features include a high efficiency lighting package, programmable HVAC controls and increased insulation which result in approximately 18% energy savings over baseline. The use of waterless urinals and low flow plumbing fixtures result in a 47% water usage savings equaling 77,000 gallons per year. During construction, 82% of construction waste was diverted away from landfills.



# HIRSCHMANN AUTOMATION AND CONTROL

## CHAMBERSBURG, PA



Hirschmann Automation and Control GmbH based in Neckartenzlingen, Germany, is a world leader in the communication and industrial electronics market. Desiring a location for Hirschmann Automation and Control, Inc, their subsidiary in the United States and Headquarters for the Americas, they teamed with the Chambersburg Area Development Corporation and Brechbill & Helman Construction Company, Inc. to design and build their new office in Chambersburg PA. Brechbill & Helman was challenged by a fast track schedule which only allowed nine months to design and construct the 20,000 sq-ft office and 15,000 sq-ft assembly and distribution facility.

A few of the numerous green initiative items desired by the owner included the use of no/low VOC products, native landscaping, use of materials from recycled items, energy efficient lighting with motion sensors and a multiple zone HVAC system with 24/7 controls.

A clear story atrium is the central feature of the office with ribbon windows providing additional exterior light. The exterior features a natural stone veneer with a horizontal insulated metal panel.



# MARTIN'S PASTRY

## CHAMBERSBURG, PA



The public's affection for Martin's Pastry, especially the company's delicious potato rolls, has created the need for larger facilities in order to meet the increased demand.

The first phase built in 1978 encompasses a 16,000 SF building. Since then, Martin's has expanded to Phase 7B which is comprised of a 227,777 SF facility including 53,000 SF of mezzanine space some of which was installed after the facility was in operation.



These buildings all have masonry load bearing walls with pre-cast column and beam, and double tee construction. Martin's complex also has 15,000 SF of truck maintenance facility, 15,000 SF of body shop, 6,000 SF of truck wash bays and 15,000 SF of main office space all of which are pre-engineered steel buildings. All of the above work was negotiated between Brechbill & Helman Construction Company, Inc. and Jim Martin, President of Martin's Famous Pastry Shoppe, Inc.



# INGRAM DISTRIBUTION CENTER

## CHAMBERSBURG, PA



Construction was completed in nine months for the Ingram Distribution Facility located on Garber Road in Chambersburg PA. The warehouse is 650,000 SF with an additional 13,985 SF office area. The project was a design-build joint venture with T.W. Frierson from Nashville TN. The facility is concrete tilt slab wall panels with structural steel frame work and insulated standing seam metal roof. The project required a large volume of earth and rock be moved to prepare for parking and roadways. Over 300 tons of emulsion explosives were used on the project.



# WCN PROPERTIES DISTRIBUTION CENTER

## CHAMBERSBURG, PA

The need for a distribution center to handle 2,000 rail cars and 25,000 trucks per year brought WCN to Brechbill & Helman. Using pre-cast wall panels by Nitterhouse Concrete Products and Varco Pruden's pre-engineered Transbay design with SSR Roof System, Brechbill & Helman constructed the 420,000 SF building – with 15 rail siding doors and 48 truck doors – in just a little more than nine months. In fact, the owner was able to occupy the initial 220,000 SF space in only six months.



*"We enjoyed a good working relationship with Brechbill & Helman that resulted in an excellent project."  
-Craig Nitterhouse, Owner*

# NOLAND COMPANY

## HAGERSTOWN, MD



Brechbill & Helman successfully met many challenges while constructing the 94,390 SF Noland facility. This hybrid structure required the marriage of a 17,128 SF structural steel building, which houses the general offices and showroom, with a 77,262 SF Varco-Pruden pre-engineered metal building for the warehouse, dock area and an open 'pipe shed'. The intricacy of the project required custom cutting and fitting of secondary framing, specialty moldings and trim by Brechbill & Helman's skilled finishing craftsmen.



The outstanding architectural feature of this project is the product showroom. Incorporating a vaulted ceiling capped by a pyramidal skylight, the aesthetically pleasing shape adds depth, light and drama to the space. Brechbill & Helman's experience and know how were called upon to execute the complex arrangement of columns and bulkheads that make this showroom a showplace.

*"I would look forward to another project with Brechbill & Helman anytime...anywhere."*  
*-David Longacher, Noland Properties*

# ENGINEERED POLYMER SOLUTIONS

## WILLIAMSPORT, MD

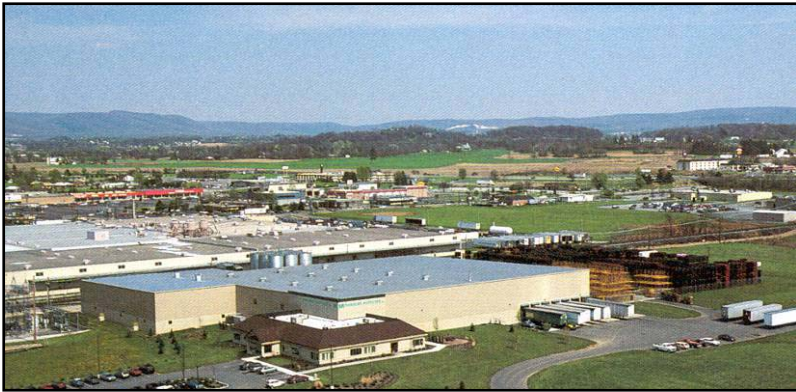


EPS is comprised of two pre-engineered metal buildings totaling 30,000 SF that house a latex-emulsion resin production and storage facility. The building was constructed with exterior explosion relief panels and four-hour rated interior walls. The facility has three miles of stainless steel process piping. Project was identified as one of the Top 50 projects in the state of Maryland by The Daily Record.



# NURSERY SUPPLIES

## CHAMBERSBURG, PA



Working through an unusually wet fall and cold winter, Brechbill & Helman was able to deliver a 72,000 SF Varco Pruden ‘Transbay Design’ manufacturing building on time and on budget. Included in the complex are a 7,500 SF slab on grade office area (separated by a three-hour firewall), a silo pad for plastic pellet storage and an 80,000 SF outdoor storage slab adjacent to a railsiding, all part of a 21-acre site. Cost control was achieved through the building team’s expert application of value engineering on the site, mechanical/electrical systems and the building.

*“We selected Brechbill & Helman for this project because of their overall trustworthiness and the fact that they had our best interest at heart.”* - Henry Guarriello, Jr.



# OLYMPIC STEEL

## CHAMBERSBURG, PA



This design-build project was negotiated with the Owner as a fast track project. This facility is the only one of its kind in the Olympic organization. In addition to steel plate sales, this facility also houses a machine shop and fabrication departments.

The building is a 100' clear span 800' long. There are four overhead cranes; two 15 Ton and two 5 Ton. These cranes are used to unload railcars and trucks inside the north end of the building. The shipping department is located at the south end and has one dock and two drive-thru bays.

The office space is approximately 7,000 SF. The planned expansion is for another 100' by 800' bay to the west of the existing bay.



# SCHREIBER FOODS

## SHIPPENSBURG, PA



This project involved expansion of the warehouse sewer plant, processing and cooler buildings, silo pads, control room and office space, plus modifications to the shipping area. Pre-cast concrete columns and beams and double-T roof and wall construction were employed in the processing building, while load bearing masonry, structural steel columns and beams and a bar joist roof system were used in the dry goods warehouse.



*“Brechtbill & Helman’s job superintendent administrated this project as if he were spending his own money. The partnership among the project’s main players worked extremely well.”*  
- Bob Vojslavek/Plant Manager