

AIA MIDDLE PA CHAPTER NEWSLETTER

Middle Chapter Members Attend Construction Tour

Flight 93 Memorial

National Park Service
U.S. Department of the Interior



The Middle Pennsylvania Chapter had the opportunity to attend a construction tour of the Flight 93 Memorial Site.

Two of our members offered their impressions of this tour and the site.

Please turn to Pages 6 and 7 to read their compelling accounts.



- 1 AIA National Convention
- 2 President's Message
- 3 Good of the Order
- 4 2015 Symposium Update
- 5 Affiliates Corner
- 6 Flight 93 Tour, Judy Coutts
- 7 Flight 93 Tour, Pat Baechle
- 8 Altoona Curve Game Site of Annual Picnic
- 8 ASHRAE / AIA Joint Meeting
- 9 Our Advertisers

AIA MIDDLE CHAPTER ADDRESS

If you are using the U. S. Postal Service to Contact the AIA Middle PA Chapter, please use the following:

AIA Middle PA Chapter
c/o Rebecca Griffith, Assoc AIA
P. O. Box 1784
Altoona, PA 16603

NEXT MID POINTS

Deadline for articles and information for the next newsletter is:

July 6, 2015

Please contact Dee Columbus,
Editor, tdta2000@comcast.net

STAY CONNECTED

Please send new member information and any changes and/or additions in your contact information including email addresses to:

David E. Reasinger, Associate AIA
Pennsylvania State University
1113 Physical Plant Building
University Park, PA 16802
P: 814.863.3868
F: 814.865.3737
der19@psu.edu

WWW.AIAMIDDLEPA.ORG

Please be sure to visit the AIA Middle PA Chapter website to view the following:

- Chapter Officers
- Calendars
- Newsletter Archive
- Executive Committee Minutes
- Membership Information
- AIA Links
- Sponsorship & Advertising
- Mission Statement
- Project Photos

Message from the President

September 11 National Memorial Trail

I realize I am getting into a habit of riding on the coat tails of other newsletter content, but let's just say it's an effort to develop a theme and not lack of original thought. As you will read in this issue, last month a select few chapter members and some guests had an amazing behind-the-scenes tour of the unopened Flight 93 Memorial Education Center and Museum. It was a great architectural tour and a truly impactful afternoon. I highly recommend the trip.

Since the tour I found out about another great asset for our region. The September 11 National Memorial Trail is being developed to link the Pentagon, Flight 93 Memorial, and World Trade Center sites along new and established routes (see <http://www.911trail.org/>). Much like the Industrial Heritage Route, this trail links locations that speak to American ingenuity and resilience in the face of challenges and tragedy.

More than 20 of the 49 designated feature sites are in Pennsylvania, and locally it includes the Portage Railroad and Lower Trail. Many of these sites are established memorials and many just reflect that spirit of hard work and resilience that is the thread that ties them together. Much of the trail utilizes bike paths like the C&O Canal Towpath, and offers educational and recreational opportunities throughout.

I found out about the trail development during a presentation by a landscape architect on a playground project for Fort Roberdeau in Blair County. The firm is also involved in developing portions of the trail. Amazing what you can learn listen to a design professional. He pointed out that on a recent visit to the Flight 93 Memorial he met visitors that were part of a 100-member, Hispanic, BMW Biker Club from Miami. Wild.

It's encouraging to see efforts that connect naturally beautiful and historically meaningful sites so they don't sit in a neglected vacuum.

David B. Albright, AIA

AIA Associates Corner — 2014 Links

Jena Brink, Associate AIA

AIA PA Regional Associate Director

jena.brink@gmail.com

Joanna Beres, Associate AIA

AIA PA Associate Director

joannaberes@gmail.com

David E. Reasinger, Associate AIA

PA Associate Committee Member

der19@psu.edu

Sean Sheffler, AIA

PA Coordinator, Intern Development Program (IDP)

idpcoordinator.pa@gmail.com

https://twitter.com/IDP_PA

GOOD OF THE ORDER

The AIA Convention in Atlanta was loaded as usual with enlightening vendor displays, continuing education courses, and architectural tours of nearby sites. In addition to viewing some examples of architecture, I also was struck with a deep sense of appreciation for my chosen profession that I think you would have been also. One of the tours was led by an AIA member who stated his firm was the oldest African-American architectural firm in Atlanta. I envisioned a 75-100 year old firm. But, no, the firm was started in 1964. It seems his father was a WWII veteran who used the GI Bill to go to college to obtain his architectural degree and graduated in 1949. Segregated Atlanta prohibited him working for an architectural firm in Atlanta (no African-American firms existed). Finally after working in a dry cleaning business for 15 years, an elderly architect (87) offered him a job to help him keep up with the workload. He eventually bought out the gentleman via working there and gained registration. A story like this made me appreciate the fact I did not have this political adversity to deal with. I do not know of anyone in our Chapter that had this either, and I am sure can appreciate where our careers are.

Turn to Page 9 for more convention photos.

Until next time,

Tom



Danielle Mitchell, past Penn State AIAS President,
and Tom Columbus at Atlanta Convention

2015 SYMPOSIUM SET FOR SEPTEMBER 23!

2015 SYMPOSIUM SPEAKERS PROMISE A GREAT SHOW!

Event set for Wednesday, September 23, 2015

Our slate of speakers has just been confirmed and their presentations promise to shape a dynamic Symposium! This year's event will be held on **Wednesday, September 23, 2015** at the Penn Stater Conference Center in State College. Our scheduled speakers include:

Irvin R. Spoonhour, ICC Master Code Professional, Approved Code Services, Inc.
2016 PA Accessibility Code

Anthony Potter, Esq., Powell Trachtman Logan Carrle & Lombardo
Avoiding common legal mistakes

Mark Dietrick, Assoc. AIA, LEED AP, Case Technologies Inc. and **Drew Weinheimer**, AE7
Design Strategies for the BIM Workflow

Stephen M. Swarney, JD, Exec Director, AIA PA
Learning the Process: Being an Effective Voice in Harrisburg

James L. O'Donnell, Director, PA Department of Community & Economic Development, Tax
Credit Division
Historic Preservation Tax Credit Program (in partnership with PMHC)

Michael Facente, BIS, Regional Manager, Automated Logic and **Brian Hamilton**, CCS, Automated
Logic
How data from an intelligent Building Automation System can be gathered, stored and
used by energy managers, facility managers, end users/occupants, financial planners,
technicians and others to make strategic decisions about building design, renovations and
usage

Planning is also underway for an interactive tour of a new Penn State University building that employs an effective building automation system. Look for event details in upcoming emails!



Registration Now Open

Online registration is now open to AIA-MPC and other AIA members, as well as non-members. Visit www.aiamiddlepa.org today and click on the link to Symposium information. A hard copy of the registration form can also be downloaded and sent in.

Visa and Mastercard is accepted through online registrations. Early bird registration discounts end in August so register today!

(Continued . . . See Page 5)

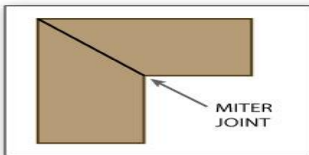
Symposium Exhibition Fair = Great Way to Promote Products, Services

Roughly one-third of 2015 Symposium booths have already been reserved for the popular vendor exhibition. Several hours are devoted to the exhibition each year so that guests can learn more about the latest products and services, and meet one-on-one with industry specialists. Be sure to say -thanksøto these companies that have already signed on as 2015 exhibitors!

- Appleridge Stone International ó Steve Doyle, Don Broadbent, 724-459-9511
- Architectural Clay Products ó Duke Bope, 412-322-0700
- Bricks and Stones Supply (formerly CH Mason Supply) ó Byron Singer, 814-364-1688
- Brodwill ó Randy Kania, 412-515-0504
- EB Endres ó Todd Speck, Larry Shontz, Rick Sheffield, Richard Endres , 814-643-1860
- Fierst Distributing ó Amber Britton, Bob Duffy, 800-242-1614
- Glen-Gery ó Bill Raab
- Keller Engineers ó Diana McClure, Randy Diviney ó 814-696-7430
- Mastic Home Exteriors ó Dan Moore ó 412-559-9527
- Modernfold of PA ó Mark Kennedy, Mark Nattress, 610-682-0700
- Van Gelder, Inc./Portico Systems ó Sam Stein, 443-545-6364

If you know any companies that would be interested in exhibiting, please have them contact Anne McGrath at annefmcgrath@verizon.net for more information or to reserve space.

Exhibiting companies can also join the chapter as 2015 affiliates at a reduced rate when they sign on as a Symposium vendor.



AFFILIATES

Support Our Affiliates

Memberships still available

We extend our many thanks to companies that have joined the chapter as 2015 affiliates, including:

- Appleridge Stone International . Steve Doyle, Don Broadbent, 724-459-9511
- EB Endres . Todd Speck, Larry Shontz, Rick Sheffield, Richard Endres , 814-643-1860
- Fierst Distributing . Amber Britton, Bob Duffy, 800-242-1614
- Keller Engineers . Diana McClure, Randy Diviney . 814-696-7430
- Modernfold of PA . Mark Kennedy, Mark Nattress, 610-682-0700

Companies and individuals that support architectural firms can join the AIA MPC as affiliate members. Membership provides several benefits, including:

Invaluable relationships with architects, engineers and other building professionals

Business-producing networking opportunities at bi-monthly and other events

Immediate access to AIA MPC membership listing

High visibility promotion via newsletter case studies, ads, web links and meeting sponsorships

Complementary admission to the AIA MPC July picnic

Membership information is available at http://aiamiddlepa.org/affiliate_members.html. Companies that also purchase a booth at the 2015 Symposium can become an affiliate member at a reduced rate. Contact Anne McGrath at 814-242-6079 or annefmcgrath@verizon.net for more information. We look forward to working with you!

Several of our members attended a construction tour of the Flight 93 Memorial. The following are impressions from two members that give their perspectives of this site.

Flight 93 Memorial Tour, Submitted by Judy Coutts, AIA

Exclaiming that this is the most important of the three 9/11 sites, National Parks Service tour leader and deputy director of the Western Pennsylvania Parks, Keith Newlin, led a construction tour of the Learning and Visitors Centers at the Flight 93 Memorial on May 20. Newlin explained that the FBI broke the case against the terrorists based on evidence found in the crash debris field, leading to the site's significance.

After briefing attendees about the events on board Flight 93, including the stunning revelation that the passengers believed that they would survive the hijacking, Newlin outlined the events leading up to the current construction. After Congressman John Murtha introduced legislation to establish the site, Congress unanimously passed the bill in September 2002, grateful for the lives saved in the Capitol by the actions of the people on board Flight 93.

The Flight 93 Memorial commission was established and the site boundary was set, and the National Parks Service and other government agencies began the work necessary to create the national park. Newlin was assigned to the project in 2002. An international design competition was held in 2005. 1500 submissions were received. The commission narrowed the choices to 15, and architect Paul Murdoch's scheme was selected.

Newlin explained the architect's intention is for the memorial site to evoke reflection and healing, and for the new construction to lie lightly upon the reclaimed strip mine. The site features include the crash site ring road, a memorial grove of trees, a wall of names of the Flight 93 passengers, the learning center, the visitors center, and the crash site. Phase I of the project saw the construction of the wall of names and other features closest to the crash site where the architect tested materials and design elements that he would develop more fully in the second phase. The Phase 2 learning center and visitors center buildings will be finished in June; visitors center exhibits will be installed through the summer.

Newlin explained that the architect used the angled bark of the hemlock trees as design inspiration; angles appear in the paving, cladding, and frit glass. The flight path of the plane is interpreted via black concrete pavers that lead from the parking lots near the learning center, past the visitors center, ending at the crash site, which occurred in a grove of hemlock trees. The design contrasts these black features with high, light-colored, curving concrete walls, creating a breath-taking composition that, as Newlin commented, got it right in terms of interpreting the events of that day.

The Flight 93 Memorial site is a LEED silver certified site. Newlin pointed out that the buildings are heated using geothermal heat pumps, and bio-swales have been created to save water. He showed attendees the sky tubes that provide daylight to the learning center toilet rooms, explaining that having toilets on a site that doesn't perc was an engineering feat in itself.

Chapter members and their families are encouraged to return to the Flight 93 Memorial later in the fall, once the exhibits are open. 80% of the \$80 million project was funded via private donations.

Flight 93 Memorial Tour, Submitted by Pat Baechle, AIA

I stood there at that place, peering over the tilted black precast concrete slabs lined up in a long row defining the debris field as they call it. That place where you are not allowed to enter because there are still some human remains filtered into the soil and, well, because it is now a sacred place. In the middle of this broad grassy field was a huge rock. The rock is there because once they cleaned up the debris they had nothing to mark the location of where the plane crashed. People wanted something physical to focus on our guide, Keith Newlin told us. It seemed as just an empty clearing at the edge of a wooded area. One of the landscape contractors found this huge rock and voluntarily hauled it to the field. They placed it at the spot where the plane hit the ground. A small American flag was placed in front of it.

As I looked back across this barren but partially restored strip mine, my eye follows this long sweeping curve, of young budding trees, that starts low at a wooden pedestrian bridge near the debris field but rises gently across the landscape to terminate at these massive 30 ft high curved concrete walls standing unbraced, straight out of the ground, starkly on the landscape. I want to go up there, I say to myself. Judy gets the call from our guide, we gather up our hardhats and head toward this awesome structure.

The curved road begins to tell the story as we drive up the construction site. It follows along the tree grove formed as a semicircular barrier. It seems to be somewhat of an embrace of this sacred site. I can visualize these trees as they grow tall to create a natural protective barrier wall, probably arranged to ward off the harsh wind from the barren land to the north and perhaps to enclose the landscape more suitably as a memorial.

When we arrive at the site we really start to see the scale of the concrete, Mr. Newlin was there to greet us. He is a charming man and knows most everything about this project since he has been involved since its inception. Today's major construction activity was landscaping, guard walls and sidewalk pavements. Well I guess that is an understatement. This isn't just any sidewalk. This sidewalk marks the flight path of flight 93. The workers were laying beautiful grey slate, precision cut in long trapezoidal shapes to create random angular patterns, a theme created by the architect, used throughout the site, inspired by web like tree limb patterns found at the back of the debris field.

The flight pathway extends through tall narrow gaps in the new board formed textured concrete walls and we are surprised to see the previously hidden glass visitors center nested between the two. We take a few moments to take in the space surrounding us, and Keith explains that the architect, Paul Murdoch, intended this to be a sort of decompression area, or resting spot, before venturing onto the lookout, which allows the visitor to take the whole site in from one vantage point. Forward ahead of us there is a flurry of activity as the workers are setting the heavy black angular precast concrete guard walls surrounding the dangerous lookout edge. We move cautiously forward around the workers and step through the gap in the second concrete wall to the place where the end of the flight pathway appears to float in the blue sky.

UPCOMING 2015 AIA PICNIC

The All-American past time: sitting behind a computer all day drawing roofing details? No. It's sitting outside with your beloved friends and colleagues on a warm summer day eating shelled peanuts, sipping cold beverages, and enjoying a double-A baseball game. That's really what we're working so hard for, isn't it? So come and join us on June 25th for the 2015 AIA Picnic at Peoples Natural Gas Field, home of the Altoona Curve.



This year's picnic is sponsored by Fierst Distributing and will include some continuing education courses in the afternoon complemented by an evening of high stakes baseball, home run fireworks and ballpark goodies. We are setting up on the left picnic pavillion so close to the field that you can coax the third base coach and catch the foul balls. I guarantee you will have the best time at this event. There will be barbeque chicken, ribs, hamburgers, hot dogs, potato salad, macaroni salad, chips, cookies and many good things to drink.

It's Baseball! It's fun! and it's outside. It's alive with activity, amusing people and hot blooded excitement. Even if you don't like baseball, although it's hard to imagine anyone who doesn't, you will still enjoy the beautiful evening setting with the Lakemont Park roller coaster zooming through the right field skyline, Diesel Dog shooting hot dogs at your face from a cannon, and of course that seventh inning stretch song where everyone sings together, out-loud, -Take me out to the ballgame! It's going to be a great time, so do not miss this one. This event is open to spouses and guests. Make it a date! Please plan on joining us. More information will follow shortly. If you have any questions contact Pat Baechle at 814 696 7506.

Annual ASHRAE / AIA Joint Meeting Held



Some of the members from both organizations enjoying a delicious dinner

The annual joint meeting with ASHRAE and the Middle PA Chapter AIA was held on April 21, 2015, at Maroni's Restaurant in Duncansville, PA. The guest speaker for the evening was Mr. David Hebel, CEM, Account Executive with Siemens Industry, Inc., Building Technologies Division. Mr. Hebel's discussion concentrated on Energy Efficiency and HVAC. Following some brief organizational business, the meeting was turned over to Mr. Hebel for his presentation.

Initially, Mr. Hebel discussed the timeline for the development of the Energy Code. He then went over the ASHRAE 90.1 milestones and how LEED compares to 90.1. Over the years, there has been changes in equipment that have affected control designs. This has created the need for changes in controls to achieve the present requirements. Mr. Hebel then discussed how we each design goals as set for in the Code.

At the conclusion of his very informative presentation, Mr. Hebel entertained questions from the group.

Once again, this joint session between the two organizations proved to be a very informative and valuable one. We look forward to next year's meeting.

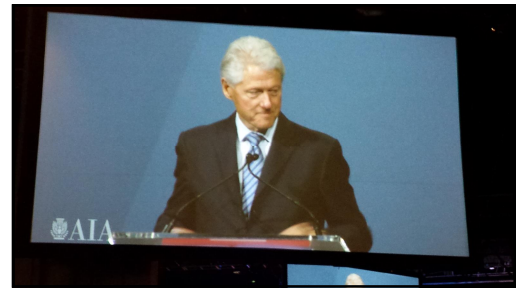


Mr. Hebel discussing comparative information

PHOTOS FROM THE 2015 AIA NATIONAL CONVENTION



2015 Convention Floor



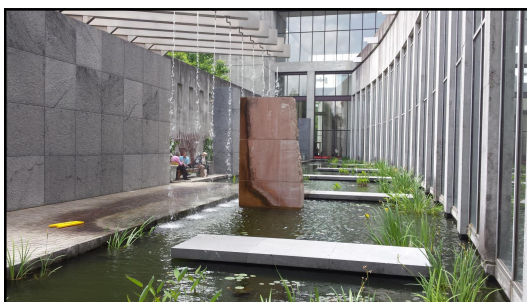
President Clinton delivering the Keynote Address



Interior photo of the Convention Center



Another area of the Convention Floor




Outdoor Patio area of the Convention Center



Boyhood home of Dr. Martin Luther King

SPECIAL THANKS TO OUR ADVERTISERS



FACE BRICK - SANDSTONE - GLAZED TILE - GLAZED BRICK

Ollinger
BRICK AND TILE SUPPLIES

827 PLEASANT VALLEY BOULEVARD
ALTOONA, PA 16602

Joe Ollinger
SALES REPRESENTATIVE


HOME:
OFFICE: 943-0321



John Thompson
Sales Consultant

Guardian Industries Corp.
149 Copper Lane
Reedsville, PA 17084

cell (412) 389-4861
fax (717) 667-9428
jtthompson@guardian.com
www.guardian.com



Benjamin W. Marnik, P.E.
District Sales Manager

CENTRIA Architectural Systems
1005 Beaver Grade Road
Moon Township, PA 15108-2944
Tel: 412.299.8175
Mobile: 412.298.8688
Fax: 412.299.8016
Corp. Hdqs.: 800.759.7474
Email: bmarnik@centria.com

www.CENTRIA.com



GREEN COLLAR CONSULTANTS, INC.

Helping You Achieve LEED Certification for Your Building

Karen E. Norris, LEED AP
President

1024 Saxton Drive
State College, PA 16801
Phone: 814-880-3505
greencollarconsultants@gmail.com

CSI COMFORT SUPPLY inc.
HVAC SYSTEMS SPECIALISTS

David Heckler
President

150 Kisow Drive • Pittsburgh, PA 15205

cell 412 287 7028
home 412 835 1128
dheckler@comfortsupplypgh.com

412 921 6600
800 479 2242
Fax 412 922 9977
www.comfortsupplypgh.com

Mike Clancy
Bobrick/
Architectural Resources, Inc.

7835 Belle Point Drive
Greenbelt, MD 20770

P-877-426-7426
mclancy@verizon.net

F-301-982-5100

Please call Dee Columbus at 814-749-7952 to place an advertisement.