



KIBART CHRONICLE

Kibart, Inc.
Consulting Engineers

April 24, 2008

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Kibart and Md Dept. of Public Safety & Correctional Services

Kibart is glad to announce that we are starting work on the HVAC renovations and fenestration upgrades of Housing Units 1 and 2 at the Maryland Correctional Training Center in Hagerstown Maryland, for the Maryland Department of Public Safety and Correctional Services.



- This project is for a \$9,000,000 HVAC renovation and the design will occur from May, 2008 through February, 2009. Construction will take place over two years with each housing unit being completely vacated one at a time for a one year period.
- Our team for this project will be: ATI, Inc. (Architect), Carroll Engineering (Civil/Structural Engineers), Jenkins Environmental (Industrial Hygienist), Phoenix Engineering (Cost Estimator), and The State of Maryland Department of Public Safety (DPSCS).

Kibart looks forward to continuing this long-term relationship with DPSCS.

Kibart shows LEEDership



The Leadership in Energy Efficiency Design (LEED) rating program as developed by the United States Green Building Council (USGBC) is a trend that is here to stay. Over the past several months, Kibart has seen a significant increase in requests for design and commissioning services for LEED accredited projects.

The United States Department of Energy states that 38% of our nation's energy use is consumed in our homes, offices, and buildings in general. As design engineers of the most energy consuming systems in those buildings, we can make a significant impact in this battle to reduce energy consumption, save water, and improve our quality of life. Kibart presently has several LEED accredited engineers on staff. We are also holding bi-weekly LEED training sessions for our managers and senior level engineers, and we will extend this training to our entire technical staff in the coming months.

Our goal is to have two additional LEED accredited professionals on staff by year's end. Our crystal ball has positioned us well for all of this new and exciting work. Commissioning (Cx) of building systems is a mandatory requirement of all LEED projects. We were first certified as Cx agents in 2005, and our Cx department continues to grow, partly as a result of LEED.

Kibart selected as No. 1

Kibart was ranked the #1 M/E/P Prime Consultant by the State of Maryland Professional Services Qualification Committee for a 2 year M/E/P on call Contract awarded in March of 2008. During the past twenty-two years, Kibart has provided engineering services for Maryland Department of General Services for over 200 projects.



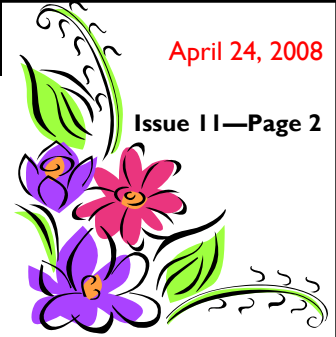
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**Trusted Design
Solutions that Work**



Kibart: Expanding to meet your needs



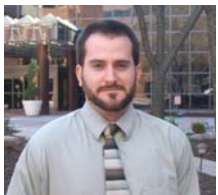
Welcome to those who recently joined the Kibart Staff:



Jeffrey A. Bauer, Jr. joins us as a Mechanical Cadd Designer. Jeff grew up in Essex and is currently attending Cecil Community College, working towards his AA engineering degree. When not studying or working hard at Kibart with Abbas' team, you can find Jeff playing music with his band, After the Downfall.



William (Bill) M. Rippeon, Jr., joins Kibart as an Electrical Project Engineer. Bill received his Associates degree in Electronics from Catonsville College and his BS in Electrical Engineering from Capitol College in Laurel. Bill has over 30 years experience in the Electrical, Contracting and Engineering fields. Bill has recently worked on the Robert Mosher Elementary School (Balt. City) and Clarksville Elementary School (Howard Co.) When not at Kibart, Bill enjoys the outdoors, hunting and fishing.



Matthew T. Armstrong, EIT joins Kibart as a Mechanical Design Engineer. Matt is from a small town called Marshall, Virginia, about an hour southwest of Washington, DC. He received his Bachelor of Science degree from West Virginia University in 2003, and most recently worked in structural concrete construction business. In 2003 Matt passed the Fundamentals of Engineering Exam (FE/EIT). When not at Kibart working with Mohamad's team, Matthew enjoys basketball, snowboarding, fishing, hiking and camping.



Shawn R. Burstyn joins John McClain's team at Kibart as a Mechanical Design Engineer. Shawn attended the University of Maryland, College Park where he received his Bachelor of Science degree in Mechanical Engineering in 2007. When not working with John's team, Shawn enjoys video games, woodworking and cooking.



Dexter W. O'Neil, P.E., joins the Kibart team as a Mechanical Project Engineer. Dexter received his BS in Mechanical Engineering from Howard University, is a member of ASHRAE, and brings over 9 years of HVAC expertise from his previous employer. When not working with Bahram's team, Dexter enjoys biking.



Bryan R. Taylor, EIT, LEED AP is our most recent addition here at Kibart, working as an Electrical Project Engineer on Dean's team. Bryan received his BS in Architectural Engineering from North Carolina A&T State University in 2004. He has his EIT and LEED certification. Bryan is also a member of IEEE and USGBC. Bryan enjoys sports, specifically basketball and football.

And, as of April 10th, we have expanded to "Kibart South." While still within our existing building, this new space, down the hall, will house the offices of Mike Ford, Leslie Lazzeri, Kristine Gilmour, and the entire mechanical team of Abbas Lohrasbi.

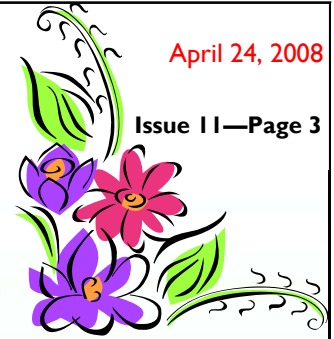


Tech Korner

Department of General Services—Do's & Don'ts



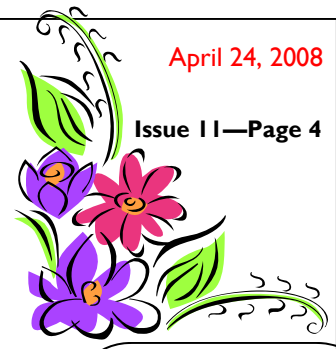
At a recent meeting with Praful Vani, of DGS, Ed and Kathy made the following important notations regarding what they like to see from the A/E. Since Kibart was ranked **DGS No. 1 M/E/P Prime Consultant**, let's make sure we stay on top of our game and don't make similar mistakes that our competition is making:



- **Provide good coordination between the disciplines.**
 - Don't send in submissions that are not coordinated.
 - Eliminate conflicts between Architectural and sub-consultant plans.
- **Provide detailed equipment schedules, not equipment lists.**
 - Schedules are hard to find and difficult to follow.
- **Details must apply to the project with standard details edited accordingly.**
 - Make sure standard details not applicable to the project are not used.
 - Each project is unique. A standard detail does not apply to all projects. Edit the standard detail as needed for the project.
- **Show column grids on M/E/P drawings.**
 - Without showing grid lines, it's difficult to match M/E/P drawings with architectural drawings.
- **Review comments: DGS feels they are being ignored when the A/E just says "will comply." Provide a detailed explanation in your reply.**
 - A mere "will comply" should only be used for something like a simple drafting mistake. Otherwise, explain what you are doing and why.
- **Drawing notes must match the plans.**
 - DGS prefers to use drawing notes as little as possible, but recognizes the need for drawing notes.
 - When the numbering of notes change, the plans must be reconciled with the drawing note list.
- **Cut lots of sections.**
 - To avoid coordination conflicts, they demand that lots of sections be cut throughout a building.
 - The sections need to show the major components, such as beams, ceilings, ducts, pipes, and lights, etc.
 - Minor details do not have to be shown to confirm that everything fits.
- **They want to have the feeling that the A/E are paying attention to them.**
 - The best way to make a client know you are paying attention is to **COMMUNICATE** on a regular basis.
 - Make regular phone calls to let them know where you stand and how you are progressing.
 - Make sure there are no surprises. Be there first, so they won't be surprised.
- **Accurate and timely response is critical, especially when projects are in construction. Make sure to answer RFI's quickly and don't sit on shop drawings.**
 - All too often, the A/E's sit on RFI's for way too long. This gives the impression that either the A/E is hiding from something or they don't know what they are doing. Answer RFI's the same day or the next day after receiving the RFI. Eliminate the wrong impression.
 - Make sure the answer to an RFI is correct. Call the contractor. They probably already know a good solution.
 - Turn shop drawings around quickly. Do the easy ones as soon as they come in. Take no longer than a week for the more time consuming ones.
 - Remember: Time is money.

Upon reflection, DGS wants the same from us, as all Owners deserve: **Quality, Responsiveness and Attention.**

A Kibart Christmas



Finally a little help giving out these HUGE Kibart presents!



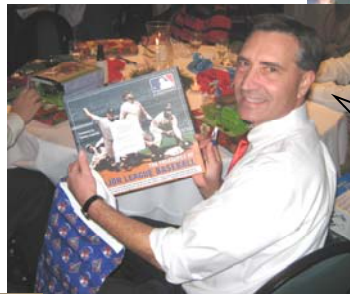
WOW! The Donnie Osmond CD I always wanted!



Where's my presents...
Where's my presents...
Where's my presents?



Hurry up and smile everybody so we can get back to eating and drinking!!!



Man I cant wait to get home and put on my baseball uniform and check out my new Christmas present...and dream of being in the major league!



I'll dazzle them with my hip Vulcan greeting!

I wish that Travis would stop being a camera hog—his profile ain't all that!

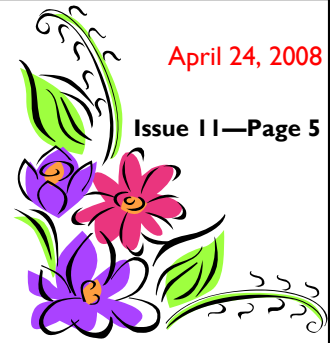
Great present—better than last year's pair of stinky socks! Now if I could just figure out what the heck this imprint means!

Gotta keep the Boss Happy!



Gotta keep Ms. Claus Happy!





Mike's Field Notes

By R. Michael Ford

Did you know?

- Wood structures four (4) stories high and higher will shrink up to 3/4" as the moisture in the wood dries. Don't forget expansion joints in "All" piping systems.
- The Trane Company ® is experiencing an unusually high failure rate with Factory installed Honeywell ® control valves in their Unit Ventilators. Actuators are failing in full open position, preventing Automatic Temperature Controls from functioning as designed. The fix is presently being designed at Honeywell as we go to press with this newsletter. This deficiency was identified during commissioning on one of our recent projects.
- Our Commissioning Department is experiencing a steady growth and continuing to provide our clients with a valuable service.
- MEP/REVIT software is now installed on all of our design staff computers. Training is being implemented with the goal of phased implementation starting with MEP Suite over the next several months immediately followed by REVIT.
- Fans wheels running backwards will still supply air, just at a reduced volume and with excessive noise. If you have a noisy fan delivering low air flow, check the fan wheel operation. It may be spinning backward.



This Month's Thought:

No one knows less than the one who knows it all.



Bulle Rock Country Club New 23,000 SF Clubhouse

Havre de Grace, Maryland



Kibart Employee Appreciation

April 18, 2008

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Family Bowling is scheduled for Saturday, May 3rd.

Ironbirds Game is scheduled for Saturday, August 23rd.



Annual Crab Feast/Picnic is scheduled for Saturday, September 27 at Gunpowder State Park.



Ed, Farshad, Dave and Mike hope that all Kibart employees join them at the above activities to have a little fun and relaxation!

Kibart Employee Spotlight—

The Spotlight Award for this period goes to **Ondrej Juhasz!**

Ondrej Juhasz joined the Kibart team right after graduating from Johns Hopkins University in 2006, to gain practical experience in the design of mechanical systems for buildings prior to continuing his education. Indeed, his remarkable growth in design of laboratories, manufacturing, medical offices, and commercial banks is a shining example of his distinguished services to our clients.

His devoted services, uplifting spirit, courage on taking new challenges, keen intellect, and profound attention for applying theory to practical design has been recognized by our clients, on many occasions.

In addition to gaining consulting design experience during the past 18 months, Ondrej has been active in mentoring Baltimore County high school students, and has also been participating in Kibart's Entertainment Committee, to organize various activities for our staff and their families.

This Summer, Ondrej will be participating in the Hopkins4k for Cancer, a cross country bicycle ride where a group of around 25 people cycle from Baltimore to San Francisco, stopping at various towns along the way spreading cancer awareness.

(<http://www.active.com/donate/hopkins4k/H4KOJuhasz>)

Ondrej will carry his enthusiasm to the University of Maryland, where he will matriculate toward his Masters Degree this Fall. He will surely be missed by the entire Kibart family and we wish him nothing but happiness and success in all of his future pursuits. We hope he will consider coming back to Kibart after his educational endeavors.

In appreciation of Ondrej's efforts, he will be provided with a gift certificate to Dicks Sporting Goods.



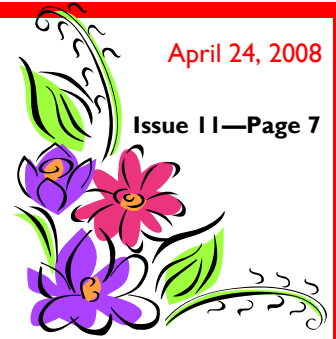
Kibart Family Accomplishments

April 24, 2008

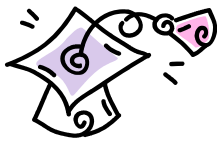
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Kibart employees, Wsam Gazi and Romil Patel were among eight 2008 ASHRAE Scholarship Winners! Way to go Wsam and Romil!



Both of Dave Fuller's children recently competed in their school's science fair. Sarah (7th grade) and Matt (10th grade) were top category winners in their respective grades. Sarah completed a project with acid rain's effect on lawn grasses, and Matt's project involved testing of various shielding materials and the decrease in WiFi signal strengths. Both moved on to the York County Science and Engineering Fair at Penn State York, where they again were in the top category of 1st place contestants. Matt received a 1st place award from Intel for his project in the category of Computer Science. Great job Sarah and Matt!



Joyce Ey's son, Steven, is graduating from Towson University with a degree in Bachelor of Science / Physical Education Teaching Degree. Joyce and her husband, Joe, are celebrating his graduation with a trip to Disney World (with his girlfriend and her parents). Congratulations Steven!

Mike Ford's youngest son, Mike, who is attending Massachusetts Maritime Academy, just returned from Sea Term. The voyage lasted 52 days and during that time cadets rotate through class and laboratory training at sea, ships operations including deck and engine watches, maintenance and emergency drills, Port visits offered a time to relax, but still included watch responsibilities and ship's maintenance. Keep up the good work Mike!

Mike's oldest son, Richie, is attending Villia Julie College studying Business Communications and enjoying spring lacrosse. VJC is ranked 10th in the Nation in Division III Men's Lacrosse and Richie is currently Number 1 in the Nation in goals scored and Number 2 in the Nation in total points! Awesome Richie!

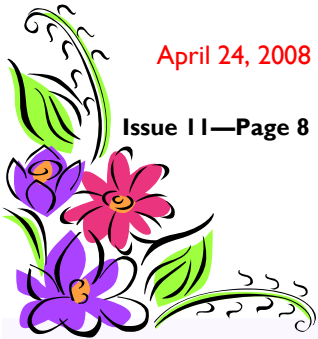


Once again Kibart is an active participant in the ACE Mentoring Program.

ACE Baltimore's objective is to give high school young people an opportunity to explore career possibilities in the building professions. The affiliate is a unique partnership of architects, construction managers, engineers, designers, professional organizations, high schools and universities. These community-minded firms and organizations support our program with substantial contributions of time, money and other resources.

This year's team from Kibart consists of Ed, Mohamad, Monty, Bahram, Ondrej, and Karl. Other members of the team include Lauren Buckler from JMT and her dad Kurt Buckler with Baltimore County Public Schools (BCPS).

This year's students are from Eastern Vo Tech, and we are currently meeting every Monday afternoon at BCPS headquarters. Our project this year will be to develop concepts for a new indoor arena to be built in Baltimore for the benefit of the city and surrounding communities. Presentations by the students will be made in late May. More info on the results of these presentations will be forthcoming in Kibart's next newsletter—Stay Tuned!



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Kibart's Mission Statement:

As Maryland's most innovative team of mechanical / electrical engineers, we excel at providing quality driven master plan studies, design documents, construction administration, commissioning and LEED consulting. Our designs deliver trusted design solutions that work.

Kibart, Inc.

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Our Customers:

Our expertise is best suited for the following markets:

- Education (K-12 schools and universities)
- Technology (data centers, scientific R&D, pharmaceutical)
- Retirement (retirement communities, assisted living)
- Corporate (commercial buildings, corporate centers)
- Healthcare (hospitals, doctor's offices, outpatient suites)

We're on the web—

**Check out the
recent changes!**

Kibart.com

BIRTHDAYS

Steve P. Brzezanski	01/01
William M. Rippeon	01/05
David J. Fuller	01/10
Christina Gedeon	01/21
Toni M. Watson	02/19
Ondrej Juhasz	02/29
Matthew T. Armstrong	03/12
Travis J. Polletto	03/15
Joseph A. Del Pilar	03/16
Karen B. Brown	03/21
Farshad Kassiri	04/27



KIBART ANNIVERSARIES

David Fuller—16 years
Harvey Wolford—11 years
Kevin Cullison—8 years
Christina Gedeon—8 years
Toni Watson—7 years
Chris Pettman—4 years
Willie San Juan—4 years
Kevin Matthai—2 years
Karen Brown—1 year
Emagii Graves—1 year
Leslie Lazzeri—1 year



Kibart Employees Show Community Caring & Support

Kibart Employees donated over 100 items to the **Assistance Center of Towson Churches** which provides food for 550-600 individuals each month. Along with the 3-5 day supply of food provided for each family, ACTC gives a coupon for use at SuperFresh so that some perishable items, such as bread and milk, can be purchased. Street bags are provided for 40-50 homeless men, women and children in the Towson area.

**Good job everyone—
It was a
record-breaking
donation year!!!**

