

# BUILDING CENTRAL FLORIDA



Central Florida Chapter

## PROJECT PROFILE: Oviedo Center Lake Park

### INSIDE

**Technology:**  
News, Updates and High Tech Projects  
around Central Florida

**Celebrating Anniversaries!**  
*Skanska Celebrates 130 years*  
*Fire & Life Safety America Celebrates 20 years*

2017 Platinum Value Club



## We Make Power Work for You

If it's worth doing, it's worth doing right. Our highly-skilled electricians, engineers, and technicians deliver unparalleled contracting services through every stage of your commercial, industrial or institutional project.



When you're looking for brilliance, look to ESI.

352-787-1322 • [www.electric-services.com](http://www.electric-services.com)  
EC#0001415, CA#9435

We don't just build.  
**We invent.**



407.425.5550 | [www.khss.com](http://www.khss.com)



KHS&S is rethinking how interiors and exteriors get built and is introducing innovative solutions to streamline the construction process. From BIM to Lean Construction, KHS&S leads the industry in ways to add quality and value to your project.

- + Design-Assist
- + Interiors & Exteriors
- + Rockwork & Water Features
- + Themed Construction
- + Prefabrication
- + Lean Construction



# 15 COVER STORY Oviedo Center Lake Park

**About Our Cover**  
A.D. Owens Construction  
Orlando, FL



The Oviedo Center Lake Park is an award winning public park for the City of Oviedo. It includes a state-of-the-art amphitheater and events facility, children's play areas, veteran's memorial, dog park, and multiple decks and boardwalks surrounding the lake.

**Want to see your project on a future issue of Building Central Florida?**

Call 407-628-2070 or email [bcf@abccentralflorida.org](mailto:bcf@abccentralflorida.org) for pricing and information.

## Table of Contents

### Articles

- 3 President's Letter
- 9 Fire & Life Safety America Celebrates 20 years
- 15 Project Profile: Oviedo Center Lake Park
- 20 Skanska's Florida Advanced Manufacturing Research Center
- 21 PCL's Virtual Construction
- 22 Gilbane: Projects Utilizing High Technology
- 23 Skanska Celebrates 130 years
- 27 Embrace New Technology Platforms to Improve Business Operations

### News

- 7 New Members in April/May
- 11 Member News
- 17 Event and Education Calendars

### Chapter Events

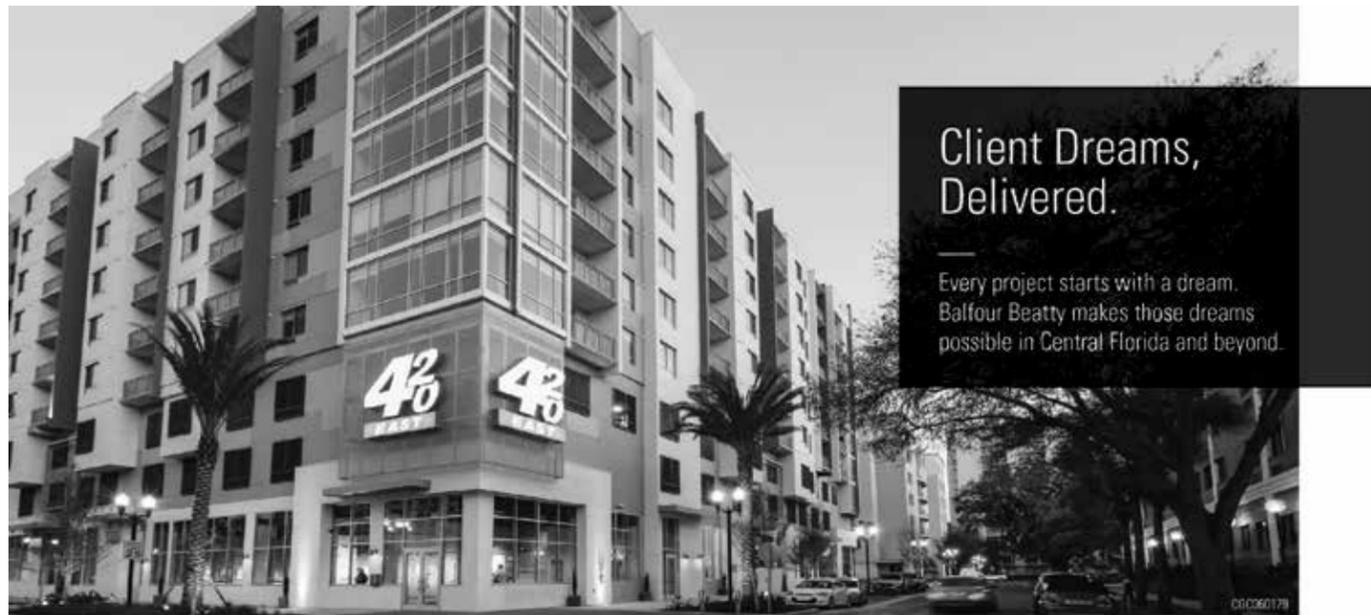
- 5 Builders' Breakfast, 4/5
- 5 ABC After Hours, 4/20
- 17 Spring Golf Tournaments, 4/3 and 4/17
- 19 Burgers & Business, 4/27
- 19 Builders' Breakfast, 5/9
- 25 BBQ Competition, 5/11
- 25 Design & Building Industry Mixer, 5/18



Building Central Florida (BCF) is published bi-monthly by the Central Florida Chapter of Associated Builders and Contractors. All material becomes the property of CFC ABC unless prior arrangements are made. CFC ABC welcomes submissions of articles and press releases from our members; however, CFC ABC reserves the right to publish based on relevance and space availability. Please direct all inquiries to [bcf@abccentralflorida.org](mailto:bcf@abccentralflorida.org).

©2017 Central Florida Chapter Associated Builders and Contractors, Inc.

651 Danville Dr., Ste. 200, Orlando, FL 32825  
P: 407-628-2070 F: 407-629-0144  
[abccentralflorida.com](http://abccentralflorida.com)



Orlando • Plantation • Miami

Check out our new, improved website at [www.balfourbeattyus.com](http://www.balfourbeattyus.com)



**Balfour Beatty**  
Construction



## President's Letter Tallahassee Report

BY MARK WYLIE, CFC ABC PRESIDENT & CEO



As the 2017 Session comes to an end, Associated Builders and Contractors of Florida had several significant successes.

### ABC of Florida's 2017 Legislative Priorities

#### Open Competition

**Legislation (HB 599)** - This legislation, also known as "Public Works Projects", has been a legislative priority for the association for quite some time. While it has taken a number of different forms, the purpose has always been to ensure an open and competitive process on public works projects that are funded by taxpayer dollars. This legislation establishes the following: on public procurement projects where 50% or more of the funding comes from state dollars, public entities would be prohibited from imposing hiring mandates, wage rate mandates, benefit package mandates, and training mandates through a pre-determined or single source. One cannot say enough about the work that the bill's sponsors did on this legislative effort. Please take a moment to thank **Representative Jayer Williamson** (who is an electrical contractor) and **Senator Keith Perry** (who is a roofing contractor) for their work on this bill. The construction industry is certainly stronger because of their efforts.

#### Statute of Repose Legislative

**Clarification (HB 377)** - Florida's 10-year Statute of Repose governs the period during which owners can seek recourse from their contractors for latent defects on their property. The SOR clock begins ticking when the latest of one of four triggers occurs: actual possession by the owner, issuance of a certificate of occupancy, abandonment of construction, or completion of the contract. Prior to a court decision in 2015, this last trigger - completion of the contract - had gone undefined by the Legislature. In 2015 in the Cypress Condominium case, a judge ruled that "completion of the contract" occurred when the owner issued final payment. This ruling left the construction industry vulnerable to claims filed well past the ten year SOR period because owners can legally drag out final payment for some time. ABC of Florida worked with the Florida Justice Association on the final bill language. This legislation now states that completion of the contract means the later of the date of final performance of all the contracted services or the date that

final payment for such services becomes due without regard to the date final payment is made. The judge in Cypress set the precedent that there are two parties to a contract and no single party should hold the ability to simply declare a contract complete. This final legislation is a direct response to the Cypress case and allows contractors to look to their contracts to help them determine when their services are complete. **Representative Tom Leek** and **Senator Kathleen Passidomo** put forth exceptional efforts to secure ultimate passage of this legislation.

What's Next: Both House Bill 599 and 377 are headed to **Governor Rick Scott** for final consideration and ultimate signing into law. The lobbying team will be reaching out to ABC members, at the appropriate time, to contact the Governor and ask for his final support.

### Other 2017 ABC Legislative Priorities

#### Comprehensive Workers Compensation

**Reform** - ABC of Florida was pleased to be part of a business coalition working to secure comprehensive reform this session. Working with groups like Associated Industries of Florida, the Chamber, and the Florida Retail Federation, ABC's focus was to directly address those issues raised in the recent Westphal and Castellanos court decisions like attorney's fees, duration of disability coverage, and access to courts. The House and Senate started the session with two very different versions of their reform packages and ultimately, were unable to reach an agreement on the best approach. There will be no comprehensive reform this session, and as of May 9, 2017, a State Appeals Court has upheld the 14.5% increase in rates proposed last fall.

**Other Workers Compensation Reform Efforts** - there was some successful legislative reform found in HB 1107 (**Representative Albritton and Senator Perry**). This legislation would create a public records exemption for the personal information of the injured worker. Currently, when an injured worker files a notice of the intent to claim for Workers Compensation benefits, that information can be publicly searched - most frequently by attorneys. This law now would require that the personal information of the claimant be kept private except to a limited number of parties such as the injured claimant, the employer, and the insurance carrier. While this victory may seem small in the larger world of reform needs - it is a very big step in the right direction.

*Continued on page 26*



Central Florida Chapter

### STAFF CONTRIBUTORS

#### PRESIDENT & CEO

Mark Wylie  
[mwylie@abccentralflorida.org](mailto:mwylie@abccentralflorida.org)

#### VICE PRESIDENT & CHIEF OPERATING OFFICER

Nancy Wray  
[nwray@abccentralflorida.org](mailto:nwray@abccentralflorida.org)

#### MARKETING & COMMUNICATIONS DIRECTOR

Kelsey Wilkinson  
[kwilkinson@abccentralflorida.org](mailto:kwilkinson@abccentralflorida.org)

#### MEMBER SERVICES DIRECTOR

Stephanie Ford  
[sford@abccentralflorida.org](mailto:sford@abccentralflorida.org)

#### MEMBERSHIP DIRECTOR

Stefanie Reardon  
[sreardon@abccentralflorida.org](mailto:sreardon@abccentralflorida.org)

### SOCIAL MEDIA

CentralFlorida-ABC

Associated Builders and Contractors Central Florida Chapter

@CentralFLABC

@CentralFLABC



## A Well-Built Team

PeopleReady finds the best skilled tradespeople available, and places them when and where you need them. They arrive at your job ready to work, smart and safe. Our team of construction experts understand your local market and know what it takes to help your business grow and thrive.

Connecting people and work is what we do best. Trust PeopleReady to make that connection for you.

We call it work done well.  
844.775.8326 | PeopleReady.com



## Builders' Breakfast UCF Downtown Update

APRIL 5, 2017

Mr. William F. Merck II, VP for Administration and Finance and CFO (UCF) and Mr. Allen Bottorff Ph.D., Director, Facilities, UCF Downtown, spoke to over 70 guests at the April 5 Builders' Breakfast. Merck and Bottorff presented an outlook on the future construction at UCF, highlighting the plans for the downtown Orlando Campus.

In partnership with Valencia College, the new campus will provide innovative education for high-demand fields that integrate with industry and place thousands of students within walking distance of jobs and internships.

UCF Downtown will offer degrees in digital media and communication, health information technology and administration, and community-facing programs like social work and legal studies - connecting highly skilled talent with industry needs, neighborhood synergies and new opportunities.

Expecting 7,700 students in August 2019, living, learning and working in downtown Orlando - transforming the economic future and kick-starting the City of Orlando's largest public-private partnership, the \$1 billion Creative Village development. The new downtown campus will increase access for students by creating pathways to vocational training and 2-year degrees from Valencia or advanced degrees from UCH.

The campus project is expected to generate \$205 million in gross economic income annually across the state and local economies; 2,000 direct, indirect and induced jobs; and \$90 million in annual wages.



### Sponsored by Bronze Value Club:

Austin Commercial; Advanced Millwork, Inc.; Brasfield & Gorrie, LLC; Certified Slings & Supply; Comprehensive Energy Services, Inc.; CORE Construction Services of Florida, LLC; Dean Mead Attorneys At Law; Hartford South, LLC; Lake Glass & Mirror, Inc.; Lykes Insurance, Inc.; McCree General Contractors & Architects; Quality Labor Management, LLC; WithumSmith+Brown, PC

## After Hours

April 20, 2017

WORD OF BEER, DOWNTOWN

FC ABC members and future members gathered at World of Beer on Lake Eola for a relaxing sunset and refreshments to network with industry contacts. Energy Air, Inc. brought out games and giveaways for attendees to unwind and learn more about the company and help sponsor the night with Hensel Phelps. Over 225 attendees enjoyed a free draft beer and light appetizers. Don't miss the next ABC After Hours on August 17th at The Porch!



## BUILT FOR Central Florida



Experience. Service. Versatility.



Darden Restaurant Headquarters - Orlando, FL  
LEED-Certified

Delivering the materials and expertise to ensure your success



A VCNA COMPANY

www.prestigeconcreteproducts.com

## "WE CAN BUILD THAT"

In our 23rd year of providing Special Architectural Engineered Construction To ABC General Contractors of Central Florida and the Country.



Entech Innovative was a proud recipient of 2016 ABC Eagle Award for Magic Kingdom Hub Enhancement

And a participant in the 2016 ABC Project of the Year "Daytona Rising"




John.Marhoefer@EntechInnovative.com  
John Marhoefer  
Kimball.Hitchcock@EntechInnovative.com  
Kimball Hitchcock

## New Members

April/May 2017

### Carrier Corporation

Chris Bradford  
7305 Greenbriar Parkway  
Orlando, FL 32819  
P: (407) 581-3868  
E: [chris.bradford@carrier.utc.com](mailto:chris.bradford@carrier.utc.com)  
W: [carrier.com](http://carrier.com)  
HVAC Supplier  
2 - Supplier  
Sponsor: Ryan Shoemaker

### Certified Finishes

Pete Vaughn  
4455 Dardanelle Drive Suite D  
Orlando, FL 32808  
P: (407) 459-8870  
E: [pvaughn@certifiedfinishes.com](mailto:pvaughn@certifiedfinishes.com)  
W: [certifiedfinishes.net](http://certifiedfinishes.net)  
Flooring Contractor  
7 - \$1,000,000-\$3,000,000  
Sponsor: Donny Smith

### Control Systems Specialities Inc.

Richard Bodwell  
3144 N. John Young Parkway  
Orlando, FL 32804  
P: (407) 628-0647  
E: [richardb@cssiflorida.com](mailto:richardb@cssiflorida.com)  
W: [cssiflorida.com](http://cssiflorida.com)  
Building Automation/Control Systems  
8 - \$3,000,000-\$6,000,000  
Sponsor: Roy L Burkett and Ryan Shoemaker

### Dean Mead Attorneys At Law

Thomas Wert  
420 S. Orange Avenue Suite 700  
Orlando, FL 32801  
P: (407) 428-5197  
E: [TWert@deanmead.com](mailto:TWert@deanmead.com)  
W: [deanmead.com](http://deanmead.com)  
Attorney  
1 - Associate

### Hobbs & Associates

Jim Van Etten  
400 W SR 434 Suite 1016  
Oviedo, FL 32765  
P: (888) 473-6116  
E: [jvanetten@hobbsassociates.com](mailto:jvanetten@hobbsassociates.com)  
W: [hobbsassociates.com](http://hobbsassociates.com)  
Mechanical Contractor  
6 - Under \$1,000,000  
Sponsor: Ryan Shoemaker

### MWH Constructors

Brandie Bennett  
370 Interlocken Blvd. Suite 300  
Broomfield, CO 80021  
P: (303) 410-4000  
E: [brandie.bennett@mwhglobal.com](mailto:brandie.bennett@mwhglobal.com)  
W: [mwhglobal.com](http://mwhglobal.com)  
General Contractor  
12 - over \$50,000,000

### Pennoni Associates Inc.

Edward Rasiul  
2105 Dundee Road  
Winter Haven, FL 33884  
P: (863) 888-0283  
E: [ERASIUL@pennoni.com](mailto:ERASIUL@pennoni.com)  
W: [pennoni.com](http://pennoni.com)  
Engineering and Design Consulting  
1 - Associate

### Plangrid

Robert Hodge  
2111 Mission St. #404  
San Francisco, CA 94110  
P: (407) 801-4702  
E: [robert.hodge@plangrid.com](mailto:robert.hodge@plangrid.com)  
W: [plangrid.com](http://plangrid.com)  
Technology  
1 - Associate  
Sponsor: Kim Richmond

### Servpro of Winter Park

Victoria Boatman  
665 Jackson Avenue  
Winter Park, FL 32789  
P: (407) 678-5391  
E: [Victoria.Boatman@servprowinterpark.com](mailto:Victoria.Boatman@servprowinterpark.com)  
W: [servprowinterpark.com](http://servprowinterpark.com)  
Remediation Contractor  
7 - \$1,000,000-\$3,000,000  
Sponsor: Lee Meyer and Michael Parks

## COMFORT SYSTEMS USA

S.I. Goldman Company, Inc.

4111-A N.W. 6th Street  
Gainesville, FL 32609  
(352) 367-0200

799 Bennett Drive  
Longwood, FL 32750  
(407) 830-5000

317 Riveredge Plaza, Suite 110  
Cocoa, FL 32922  
(321) 636-3170



www.sigoldmanco.com  
CMC057041/CFC032629/CUC1224857

## TRENCH PLATE RENTAL Co

SHORING AND SAFETY SPECIALISTS

FIRST IN SERVICE  
SINCE 1979

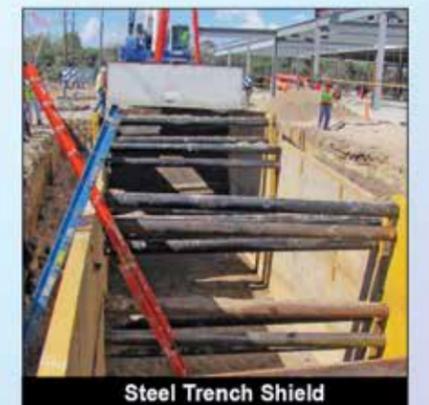
[tprco.com](http://tprco.com)



Slide Rail System



Build A Box



Steel Trench Shield

ORLANDO 407-854-9949

Locations throughout California, Nevada, Texas, Illinois, and Florida

When looking for a construction **Law Firm...**  
start at the **top.**



**Celebrating 20  
years serving the  
construction industry.**

One Firm. One Focus.  
Construction Law.

15 W Church St. #301, Orlando, FL 32801 | 407-740-6600 | kirwinorris.com

**FLORIDA IS OUR CANVAS**  
SINCE 1996  
**1-800 - PAINTING**  
WWW.DUNKMANPAINT.COM

## Happy 20th Anniversary Fire & Life Safety America!

History in the making of FLSA

BY JACK MEDOVICH, SENIOR VICE PRESIDENT AND FOUNDING OWNER



**F**ire & Life Safety America (FLSA) has come a long way since an initial meeting held in a McDonald's in Richmond, Virginia. The journey began 20 years ago as East Coast Fire Protection (ECFP), a handful of gentlemen sought a better way of providing reliable fire protection systems, design, installation and exceptional service to their customers. The planning process started before office space was obtained, hence the need to initially meet at McDonald's.

The initial office space in Richmond did not have a conference room, and it did not take long before a space was needed to hold larger, more confidential meetings. Fire & Life Safety America found space across the street from the office in a space occupied by people who were willing to share their space and assist in getting started - the Fort Lee Baptist Church. As much as they tried to pay rent or make a donation, the church would not hear of it. A lot of gratitude exists to this day for their support. In addition, to the kind people at Fort Lee Baptist Church, was the law firm who worked in supporting the start up efforts and another special person who was the lone pipe fabricator at the time who consistently delivered. Without these people, Fire & Life Safety America never would have made it.

The first job performed by ECFP included a row of townhomes located just outside of Baltimore. Tim Francine, Director of Service Sales and Marketing says "The project was a Habitat for Humanity and the decision to provide all of the required fire protection was ultimately donated. Yes, donated! A long story precedes this decision to sell our first job pro bono, but a promise had been made to the folks at Habitat while we were working for our previous employer and a promise is a promise. After conducting company meetings in a place of worship and having countless people step up to assist us in getting started, we felt confident we were bound

to make it."

During the first few years, Fire & Life Safety America witnessed great organic growth and the company grew quite rapidly. They opened the first installment of district offices in Baltimore, Richmond and Roanoke. In 1998, they continued momentum by opening district offices in Tidewater and Raleigh. From 1999 to 2002, district offices opened in Washington D.C., Atlanta and Charlotte and in 2008, opened district offices in Houston and San Antonio.

As the trend to grow continued, FLSA also tried their hands at acquisitions, and in 2003, acquired Southeast Fire Sprinklers, which today is now the Orlando district office, and in 2007, acquired Affordable Fire Protection in Atlanta and Charlotte as well as Fire Watch Services, a small contract company in D.C. In addition,

**"We have experienced the ups, the downs and the ups again. Without the efforts of all our faithful employees, none of this would have ever been made possible."**

*- Jack Medovich,  
Senior Vice President and Founding Owner*

the company also acquired Universal Sprinkler in Houston. All of this was made possible with the financial support from KRG Capital who came on board to assist the growth in October of 2005.

"We chose the name East Coast Fire Protection with the belief we would never outgrow our regional presence, but we did." Says Medovich. "In addition, the presence in Texas confused many of the relationships as vehicles were being turned away from projects as they assumed we were the competition." In 2008, they announced a contest to change the name and create a new company logo with \$2,500 being

awarded to the winners of each contest, hence the birth of Fire & Life Safety America.

From 1997 to 2008, FLSA witnessed amazing growth as sales far exceeded expectations, and they went from a handful of employees to nearly 1,700, from two offices to twelve and from two states to eight. "What an incredible story! We assumed at this point we would conquer the world! What could possibly stop us now?" Asked Medovich. Answer: the Great Recession. Basically, all new construction stopped...not a slow-down but rather ceased. FLSA quickly learned to switch gears and focus on the ITM (inspection, testing & maintenance) side of the business.

"The good news is we made it! We survived and became stronger than ever. We are grateful for our executive management team that guided us through this difficult and stressful time period. The employees who took a leap of faith and remained could have easily abandoned ship but thankfully they stayed the course and we are so appreciative. We could not have done it without the efforts of all of us working together as a team, making the tough decisions that we needed to make, digging in when times were tough and pulling us through," explains Medovich.

Today FLSA continues to thrive and grow. Since the recession, they have opened new offices in Dallas, Charleston, Tampa, Nashville and Birmingham with more on the horizon. They are also considering once again possible acquisitions in strategic markets and have grown their National Partner Network to over 200 partners.

The 20-year history of ECFP/ FLSA has in fact been quite a journey. Medovich says "we have experienced the ups, the downs and the ups again. Without the efforts of all our faithful employees, none of this would have ever been made possible." ■

**>>> Integrity. Quality. Commitment.**  
The tools we bring to every job.

We don't just meet the schedule, we drive it.  
We don't just talk about safety, we live it.  
We don't just tell the client about a problem, we solve it.  
That's why we do the job better than anyone else.

**BAKER**  
CONCRETE CONSTRUCTION  
expect more



www.bakerconcrete.com

1540 Aber Road ■ Orlando, FL 32807 ■ 407.736.9908



## Member News

### ALTAMONTE GLASS & MIRROR, INC.

... has many exciting projects underway including \$1M+ BP-447 Ticket Lobby at OIA with PCL Construction Services, Inc. and \$2M+ BP443 OIA Airside 4 with Hensel Phelps Construction. Other notable projects under construction are Kroger with Hembree Construction, Inc., Champions Vue Apartments with Winter Park Construction and Allegro Assisted Living Facility with Welbro Building Corporation.

... was recently awarded the Holiday Inn Canaveral Beach Resort 3 hotel project in Cape Canaveral with Balfour Beatty Construction with a \$500K+ glass and glazing scope. Other upcoming projects include Sarasota Flats Condominiums with Winter Park Construction and Orange Ave Self Storage with Aagaard-Juergensen, LLC.

... just wrapped up the new seven story \$1.5M+ Springhill Residence Inn on Clearwater Beach with EMJ Hospitality. Other recently completed projects include FAMRC with Skanska, USA, Graham @ Grace Point with Winter Park Construction, and Universal P533 with Austin Commercial LP.

... recently hired Pedro Texidor as Senior Project Manager. Pedro brings 15 years of commercial construction glazing expertise to Altamonte Glass & Mirror's growing team of experienced professionals.

### ANDREW GENERAL CONTRACTORS, INC.

... was recently named to Orlando Business Journal's "2017 Fast 50" list of Central Florida's fastest-growing companies. This is the second consecutive year that AGC has received this recognition.

A full-service general contractor, AGC specializes in commercial, medical and retail construction. Some of AGC's recent project completions in Central Florida include: Sunrise Bank (interior renovation), Nona Park Retail IV and Nona Park Retail V (ground-up construction), Nemours Children's Urgent Care (interior buildout), AVT Simulation (interior buildout), Bogin, Munns & Munns, P.A. (interior buildout)

In order to qualify for this year's "Fast 50" list, companies must have been established by 2013 and had gross revenue of at least \$1 million in 2014 or \$5 million in 2016. Companies

must also be at least 51% privately held, headquartered in Central Florida and not be a subsidiary of another company.

### CHERRYLAKE, INC.

Over 400 kindergarteners and first graders at Cypress Ridge, Mascott and Groveland elementary schools were treated to a break in their schedule of reading, writing and all the rest last week when employees of Cherrylake arrived to volunteer at their school with books, stickers, and trays of crape myrtle trees to share their love for farming with students as a part of Florida's Agriculture Literacy Day.



Agriculture Literacy Day, also known as Ag in the Class, is a program designed to help school children and teachers learn about agriculture, where their food comes from and the important contributions Florida farmers make to their communities and state. More than 1,600 volunteers read to 70,000 students each year for this initiative.

Cherrylake is one of the largest wholesale producers of ornamental trees, palms and shrubs in the Southeast United States as well as one of the fastest growing landscape and maintenance construction companies in Central Florida. Cherrylake is part of IMG Enterprises, a diversified agribusiness with operations in citrus, mitigation banking and land management in addition to Cherrylake. By participating in Agriculture Literacy Day, they help make agriculture accessible and exciting to bright young minds across the state.

Novella Crosby, who has been participating in Agriculture Literacy Day for 4 years taught the children the importance of ecosystems, specifically aquaculture. "I enjoy watching their faces light up as they hear what their state has to offer," Novella said, "They are little sponges!"

These teachers are developing tomorrow's leaders in agriculture - and Cherrylake is happy to be apart.

### COMPREHENSIVE ENERGY SERVICES, INC.

... was named among Orlando Business Journal's 2017 Fast 50 fastest-growing companies in Central Florida, representing the second consecutive year that the company has achieved the high honor. OBJ's annual Fast 50 awards luncheon was held June 9 at the Hilton Orlando.

... founder, chairman & CEO Todd S. Morgan, P.E., was prominently named a 2017 CEO of the Year honoree by Orlando Business Journal. OBJ's annual CEOs of the Year awards luncheon was held May 19 at the Hilton Orlando.

... started \$5.5 million of heating, ventilation, air conditioning, plumbing and special effects work at 21 new Orlando-area projects. In addition to two theme park related projects, the work includes: Florida Hospital Orlando Pediatric Oncology sixth floor HVAC & plumbing, for Brasfield & Gorrie; Orlando Health South Lake Hospital PUR Clinic HVAC & plumbing, Clermont, for Robins & Morton; Mater Palms Academy plumbing, Kissimmee, for Summit Construction Management Group; Hoover Middle School HVAC & plumbing, Indialantic, for McCree General Contractors & Architects; and others.

... appointed James Manyette as Chief Estimator. Manyette has 30 years of construction estimating experience and holds certifications from the Refrigeration Service Engineers Society (RSES), the U.S. Army Corps of Engineers QA/QC Project Management program, and OSHA First Aid.



... appointed Jerrod Moffitt as Operations Manager - Construction. Moffitt has 15 years of mechanical and plumbing industry experience in Florida. He is a Certified Welding Inspector as designated by the American Welding



continued on page 12

## AMI Advanced Millwork, Inc.



### Sapphire Falls scope of work:

- Wrapping of trusses over 50' long with wire brushed panels
- Reception desks with custom metal pieces and sandblasted wood
- Faux painted louvered doors
- Over 100 faux rum barrels
- Radius handrails
- Metals displays



Where Vision Becomes Reality

2645 Regent Avenue, Orlando, FL 32804 | 407-294-1927 | advancedmillwork.net

Society (AWS) and is also a Certified Instructor designated by the National Center for Construction Education & Research (NCCER). He earned a degree from Brevard Community College in 2010.

**FINFROCK CONSTRUCTION, INC.**

... has been recognized by the Orlando Business Journal as one of Central Florida's Fastest-Growing Private Companies. FINFROCK was one of 50 companies in Central Florida's four-county region -- Orange, Seminole, Lake and Osceola counties -- to be included.

"This is very exciting news for us," said Allen Finfrock, CEO of FINFROCK. "We have experienced tremendous growth over the past year due to significant projects such as the Broadstone Winter Park, which we are in the process of erecting for Alliance Residential at the Ravaudage at Lee Road and 17-92. In addition, we recently were awarded a \$60M parking structure project for the Reedy Creek Improvement District which will begin construction later this year."

**HOAR CONSTRUCTION, LLC**

... is excited to welcome four new employees to the Florida division. Joining the team are Jim Matkovics, Rolf Billington, Tyler Scarle, and Kristyn Ruple.

Jim Matkovics is a Senior Project Manager with 30 years of experience in the construction industry. His impressive record leading project teams in multiple market sectors, including many hospitality and entertainment projects, will be an asset to our clients.

Project Manager Rolf Billington will be joining the Dania Pointe project team, helping to build the 100-acre mixed-use development. Rolf has 20 years' construction management experience and an extensive background managing large-scale projects.

Assistant Project Manager Tyler Scarle is a UCF graduate with five years of construction experience. For the past three years, he has focused on building projects in the themed entertainment sector.

Kristyn Ruple is a Project Job Clerk who will handle administrative duties on two themed entertainment projects. Kristyn has joined the project teams seamlessly and is considered "a breath of fresh air" to the field operations.

**JK2 CONSTRUCTION & SCENIC**

... ranked among Orlando Business Journal's 50 fastest growing companies. JK2 has seen revenues grow by over 40 percent from 2014 to 2016.

... was also recently named to the Gator100, which recognizes the fastest-growing business led by alumni of the University of Florida, for the second year in a row. In addition, JK2 was a 2017 SMART Award Finalist through the Association for Corporate Growth of Orlando for the second year in a row and was named to the 2016 GrowFL Florida Companies to Watch list. The rankings of the 50 companies were revealed and the honorees were recognized at an event on June 9.

**KEATOR CONSTRUCTION, LLC**

... completed construction of a 31,000 square foot athletic field house for The First Academy, as designed by C.T. Hsu & Associates, in February of this year. The project is highlighted by the NCAA regulation athletic court located in the center of the facility which has the ability to accommodate either competition basketball and/or volleyball. In addition to the court, the building hosts an Olympic-standard weight lifting facility as well as a training center with a Cold Tub to assist in the athlete's recuperation, and an exterior artificial turf training surface. This project took place at an



active school requiring all construction personnel to operate under the Jessica Lunsford Act. The work performed was coordinated with the school staff in order to not disturb the student's on campus.

**ROGER B. KENNEDY CONSTRUCTION**

... was showcased in a two-page article in the March 13 issue of ENR magazine. Citing the firm as a prime example of "Orlando's robust activity" in its annual City Scoop Orlando feature, the Firm In Focus section spotlighted Kennedy's newest project -- the \$65 million Drake Midtown Apartments in Lake Mary developed by Unicorp National

Developments, Inc. In addition, Roger B. Kennedy, Jr., President, was prominently featured in its City Grill interview section which focused on current market conditions.

... also in Seminole County, Kennedy is separately constructing over \$41 million of upscale apartments including The Alexander at Sabal Point, in Longwood, and The Residences at Seminole Commons, in Sanford.



The Residences at Seminole Commons



The Alexander at Sabal Point

... commenced work in June for Westgate Lakes Resort & Spa's \$20 million Building 60.

... in June was named for the fifth consecutive year among Orlando Business Journal's 2017 "Fast 50" fastest-growing companies.

**S. I. GOLDMAN COMPANY, INC.**

... was selected by Wharton-Smith, Inc. for the SCPS New Millennium Middle School project located in Sanford, FL. Work includes furnishing and installing of the HVAC system for this new 222,000 sf school, including chillers, ice storage tanks, air handlers, duct heaters, VAV boxes, chilled water pumping package, split systems, exhaust fans and bi-polar ionization. Also included is all associated piping, ductwork, insulation and controls. The other aspect of the project includes integrating the existing Midway Elementary School with the new plant at Millennium MS. Work includes controls integration as well as relocation of existing ice storage tanks. Work began in April 2017 and is scheduled for completion in July 2018.

**WELBRO BUILDING CORPORATION**

... Volusia County Schools held a Ground Breaking Ceremony on Thursday, June 1 to celebrate the start of construction for the Pierson Elementary School project.

WELBRO Building Corporation will provide Construction Management at Risk services for the new Pierson Elementary school. This replacement project will be built one mile north of



the current Pierson Elementary and will consist of two buildings including 35 classrooms, a cafeteria, art & music rooms, an outdoor stage and physical education pavilion, and a media center. The school will be open to students in August 2018.

The Architect for this project is BRPH Architects & Engineers, Inc.

**WHARTON-SMITH, INC.**

... joined with Seminole County Public School (SCPS) board members, project team members, students and staff on April 18, 2017, to break ground on the new Millennium Middle School,



a Seminole County performing arts magnet school.

Located adjacent to SCPS Midway Elementary School, the new campus consists of a 222,400 square foot



prototype occupying five buildings on a greenfield site. Designed to accommodate nearly 2,066 students, the school will replace the existing Millennium Middle School and provide a state-of-the-art performing arts center in support of the schools' fine arts and communication curriculum. The existing facility will be converted to a 9th grade center to alleviate crowding at Seminole High School.

"The new Millennium Middle School is a specialty facility in that it has dance studios, 2-D and 3-D arts, and theatre... it has everything for a child who loves the performing arts," remarked Dr. Walt Griffin, Superintendent of Seminole County Public Schools.

Ron Davoli, President and CEO of Wharton-Smith, and Paul Fulks, Senior Project Manager for the project, both addressed the crowd introducing the construction team that will lead the charge in building the new

school for the community. "We are really proud to be building your new middle school," said Davoli. "We are a Seminole County based contractor with many, many employees that live in Seminole County and children that go to Seminole County schools, so this is really a labor of love for us and our team," he added.

As construction manager, Wharton-Smith will oversee all construction efforts for the new campus. SchenkelShultz Architecture is the designer. The \$43 million project is expected to be complete in time for the 2018-2019 school year. ■

**CFC ABC Members who ranked among Orlando Business Journal's 50 fastest growing companies:**

- Andrew General Contractors, Inc.
- Comprehensive Energy Services, Inc.
- Finfrock Construction, Inc.
- JK2 Construction & Scenic
- Johson-Laux Construction
- Roger B. Kennedy Construction
- Thermal Tech, Inc.
- Wharton-Smith, Inc.

**MID FLORIDA MATERIALS**  
Recycle & Disposal Facility

Mid Florida Materials provides roll off dumpster services throughout the Central Florida Area (Seminole, Orange, Osceola, Lake, Polk and Volusia Counties). We can provide 10, 20, 30, 40 yard dumpsters and concrete washout containers. We are also your source for structural fill, sandy clay, stabilizer clay products, crushed concrete building materials, recycled asphalt materials, mulch, and recycle top soils.

**SR SUTTER ROOFING**

NEW CONSTRUCTION  
RE-ROOFING  
REPAIRS

FLORIDA'S FULL SERVICE COMMERCIAL ROOFING PARTNER

800-741-0090  
WWW.SUTTERROOFING.COM

**NOTICE TO OWNER of Florida, Inc.**

Serving the Construction Industry Statewide for over 27 years.

**No Setup or Membership Fees**

(407) 834-9288 • www.ntoflorida.com

401 Center Pointe Circle, Suite 1549 • Altamonte Springs, FL 32701

# OVIEDO CENTER LAKE PARK

## A CROWN JEWEL OF THE CITY

BY KELSEY WILKINSON,  
CFC ABC MARKETING & COMMUNICATIONS DIRECTOR



An award-winning public park for the City of Oviedo, Oviedo on the Park is a mixed-use project developed to revitalize an existing Florida small town which has been surrounded by Central Florida growth. The Center Lake Park includes numerous areas for all ages of the Oviedo community. The park includes a Cultural Center with a large banquet room, a state-of-the-art amphitheater and events facility, a Veterans Memorial Tribute, a dog park and wet deck/splash pad to accompany the playground area. A marina/boat house facility for paddle boats and wide circular walking deck are parts of the park to take advantage of the lake. A small, separate stage and cantina building are also part of the park for smaller sized gatherings.

These multiple buildings and facilities are spread over a five acre area with total construction costs of approximately \$5,500,000.

A.D. Owens Construction had multiple meetings with the City of Oviedo before construction began on how to coordinate the work in such a small area. The outcome resulted in the decision to start at each end of the construction site and work inwards toward the center, in a 'crescent moon' shape, as to not trap themselves in.

Advanced planning also took place to address material storage and equipment placement in the narrow areas adjacent to the lake to avoid adversely impacting the ecologically sensitive areas.

Additional coordination, scheduling and planning was also required with a third party multi-family contractor who was building on a contiguous site at the same time as the Park's construction.

The site for the construction of this community project was atypical and

nonconforming by industry standards – the shape of the project mimicking a crescent moon. The decision to deal with the components in the order of build out from the ends toward the center of the site meant A.D. Owens Construction had to be purposeful and intentional in the placement of materials, equipment and labor parking.

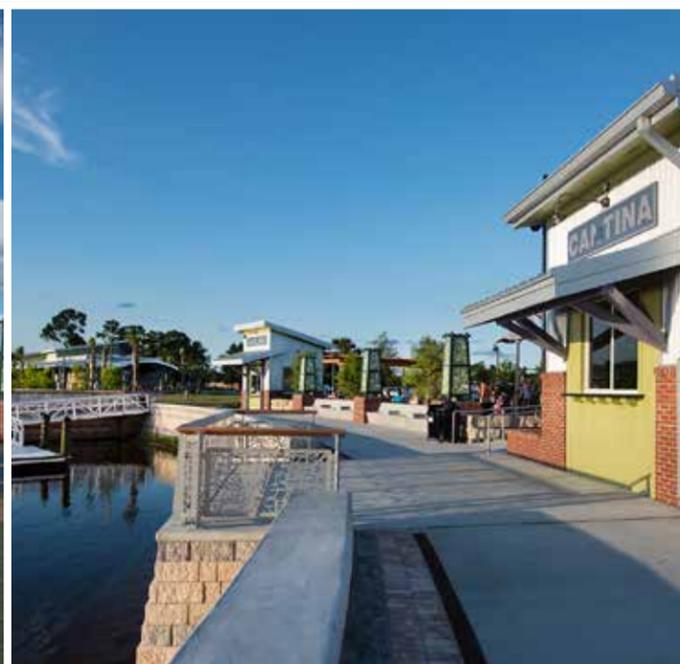
The Center Lake Park project had a tremendous amount of hardscape for such a small area, with a lake already in place as part of the project, which had to stay in place. The site and design were a challenge in order to make the whole park ADA (Americans with Disabilities Act) accessible. The A.D. Owens team instituted numerous field visits from the landscape architect to work directly with them during the construction of the hardscape areas. This allowed the team to complete the ADA portions without risking completion deadlines. Also, the project contained many specialized items that typically are not specified, which required A.D. Owens to research the local trades and subcontractors more deeply than typically required.

Upon being selected as the general contractor, the A.D. Owens team, the architect and the City of Oviedo commenced upon a massive value engineering exercise to deal with budget issues. To provide the City of Oviedo optimal project scope flexibility, the pre-construction approach divided the bid into more than 15 categories. The break out of cost allowed the client to delete two of the categories without losing significant time or momentum with the project.

The park offers something for everyone to enhance the quality of life in the City of Oviedo. ■

**CFC ABC Member Companies  
Involved with this project:**  
A.D. Owens Construction  
Acousti Engineerings Company of Florida  
Altamonte Glass & Mirror, Inc.

Commercial Millworks, Inc.  
Quality Metals, Inc.  
Village Pools of Central Florida, LLC  
Wiginton Fire Systems



**Quality Metals, Inc.**  
Architectural Metal Products  
Serving Central Florida Since 1986

**• Innovative Metal Architecture •**

**ABC** Associated Builders and Contractors, Inc. MEMBER  
Changing the Orlando skyline, one project at a time. Be a part of the movement. **Get In Touch!**

**407.321.3181**  
[www.QualityMetals.net](http://www.QualityMetals.net)

201 Gordon St. Sanford, FL 32771

**POOLE'S RULES**

**“Encourage Integrity, Loyalty & Efficiencies”**  
- Ernie Poole  
PCL Founder

**PCL CONSTRUCTION**

**VISION & VALUES PCL'S GUIDING PRINCIPLES**  
Developed by Ernie Poole, **Poole's Rules** have made PCL what it is today. The key to securing client confidence is not only to deliver a project on time and on budget, but to deliver it using the time-honored principles of honesty, fair play and providing good value for one's construction dollar.

**TOGETHER WE BUILD SUCCESS.**  
Watch us build at [PCL.com](http://PCL.com)

# Spring Golf Tournaments

April 3 & 17, 2017

LAKE NONA GOLF & COUNTRY CLUB

Central Florida ABC members and their guests kicked off spring with their first golf tournaments of the year! Attendees took a day away from the office to enjoy a little friendly competition at Lake Nona's 18-hole championship golf course. Each tournament ended with an All American lunch buffet out on the veranda of Lake

Nona's County Club, where raffle winners were selected and new connections were made.

Special thanks to all of the on-course sponsors, volunteers, Golf and Program & Events Committees, for making these tournaments a success.

## April 3rd Winners

### Flight 1 Winners:

#### Sunbelt Rentals

- Scott Scruby
- Tim Thomas
- Jeff Alder
- Nolan Reid

### Flight 2 Winners:

#### Balfour Beatty Construction

- Jonathan Pearch
- Dave Thomas
- Greg Weber
- Pat Chelsey

### Flight 3 Winners:

#### Tradesmen International

- Ryan Fagan
- Greg Brown
- Chris Loftus
- Rick Grooms

## April 17th Winners

### Flight 1 Winners:

#### Enterprise Fleet Management

- Sheldon Brown
- Chris Zaworski
- Zach Zeller
- John Bessette

### Flight 2 Winners:

#### Stanley Black & Decker

- Dana Gravett
- Paul Kennedy
- Brian Montgomery
- Marty Wolk

### Flight 3 Winners:

#### ADE Engineered Solutions of Florida

- Carolyn Arote
- Kristen Berg
- Ian Fraser
- Steve Gustavson

## Contest Winners:

### #4 - Closest to the Pin

Luis Guzman, Ferran Services & Contracting

### #11 - Longest Drive

Mackenzie Carolan, Health Choice Enterprises, LLC

## Contest Winners:

### #4 - Closest to the Pin

Bob Schrank, Delrich Construction, Inc.

### #11 - Longest Drive

John Jenkins, NorthStar Demolition and Remediation, LP



## On-Course Sponsors



Central Florida Chapter

## EVENT CALENDAR

**July 12**

Legislative Hobnob  
Greater Orlando Builders Association

**July 27-29**

ABC of Florida State Convention  
JW Marriott, Marco Island Beach Resort

**August 17**

ABC After Hours  
The Porch

**August 25**

AEF Casino Night  
The Ballroom, Church Street

**September 8**

Fall Golf Tournament  
Falcon's Fire Golf Course

**September 28**

Construction Expo  
Central Florida Fairgrounds

## EDUCATION CALENDAR

**July 10**

Blueprint Reading begins

**July 14**

Project Management Skills

**July 19**

Lien Law

**August 17**

OCIPs & CCIPs

**August 22**

Stepping Up To Supervisor

**August 24**

Beginners Lien Law

**August 30**

Emerging Leaders Academy

**August 31**

Construction Estimating

OSHA 10-hr. and 30-hr. online courses available at [abccfllosa.com](http://abccfllosa.com)

Computer training courses available online or instructor led.

Visit [abccentralflorida.com](http://abccentralflorida.com) for more information, events and course schedules.

FINDING PARTS FOR ALL TYPES OF  
**HYDRAULIC AND PNEUMATIC APPLICATIONS**



**WHO WE ARE**

Orange Seal LLC is a supplier of hydraulic and pneumatic parts. Located in Orlando Florida, we make it easy for individuals and companies to find the highest quality products for any application.

**WHAT WE DO**

We work for you to find the parts and products you need as quickly as possible. From seals to car carriers, ball bearings to pumps, fittings & hoses to winches, we can supply it all. We leverage relationships with major international suppliers so you get the parts you need when you need them.

For quotes visit us at [www.orangeseal.us](http://www.orangeseal.us)  
or give us a call at (407) 565-2207



**STRENGTH**  
IN THE CONSTRUCTION INDUSTRY

**BE IN A POSITION OF STRENGTH<sup>SM</sup>**

WithumSmith+Brown, PC (Withum) —Committed to client service and strong leadership that gives construction businesses the competitive edge to grow and thrive.

**Ron Person, CPA, Partner**  
**Tom Durkee, CPA, Partner**  
**Cindy Cunningham, CPA**



[withum.com](http://withum.com)

**withum**<sup>+</sup>  
AUDIT TAX ADVISORY

**Burgers & Business**

April 27, 2017

GRACE CHURCH

**B**urgers and Business, a fun lunchtime barbeque, sponsored by Bright Future Electric, LLC and PeopleReady kept CFC ABC members and future member's bellies full out at Grace Church. Attendees came out for burgers, hot dogs, and refreshing sweet tea during one of the hottest days of 2017. As guests arrived they had the opportunity to win a free \$50 Bass Pro Shop Gift Card, mingle with CFC ABC Staff & committee members, learn about future events, and network with other members. In addition to the festivities, members celebrated bring your child to work day, by treating their children to lunch and great conversation with industry leaders. ■



**Builders' Breakfast**  
Unicorp National Developments

MAY 9, 2017



**C**huck Whittall, President of Unicorp National Developments, Inc. spoke to over 90 members and guests at the May 9 Builders' Breakfast. Whittall presented the current projects under construction, future projects, and some challenges faced in the construction industry right now. Unicorp National Developments, Inc. covers comprehensive mixed-use village centers, luxury apartments, and un-paralleled retail developments to grand

scale master-planned communities.

Current projects discussed were: Drake at Midtown, an upscale, five-story, 263-unit apartment community in Lake Mary, which is part of Unicorp National Development Inc.'s \$200 million Griffin Farms at Midtown mixed-use development, set to open June 2018.

Griffin Farms at Midtown, set to open July 2018, will include a \$20 million, 150,000-sq. ft. specialty grocer-anchored shopping center, along with a five-level parking garage and a Griffin Park, a 128-home gated community.

Longboat Key, a 5-star luxury resort and condos, sitting on

18+ acres on the Gulf of Mexico is anticipated to open in 2021.

Westside Shoppes in Windermere will offer many new restaurants and retailers to serve the affluent surrounding community, set to open in September 2017. The Westside Shoppes will also include a future middle school on site, 302 apartment homes, 44 townhomes and 170 single family homes.

Venetian Isle will introduce contemporary luxury living with a Venice twist. Offering 302 luxury apartments and 44 town homes, Venetian Isle boasts an idea location with nearby shopping, dining and entertainment options, set to open June 2017.

Over \$200+ million in new projects are in store for Unicorp National Developments over the next few years, including projects in Downtown Orlando and future retail and apartment spaces. ■



**Sponsored by Bronze Value Club:**

*Austin Commercial; Advanced Millwork, Inc.; Brasfield & Gorrie, LLC; Certified Slings & Supply; Comprehensive Energy Services, Inc.; CORE Construction Services of Florida, LLC; Dean Mead Attorneys At Law; Hartford South, LLC; Lake Glass & Mirror, Inc.; Lykes Insurance, Inc.; McCree General Contractors & Architects; Quality Labor Management, LLC; WithumSmith+Brown, PC*



**#1 DOMESTIC BUILDER**

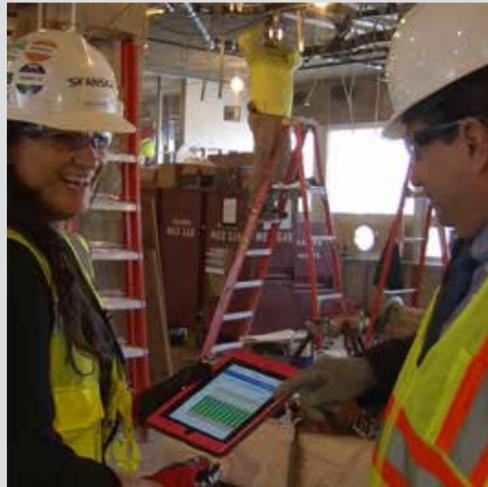
Ranked nationally by 2016 ENR Magazine

## Technologies Around the Region

Understanding the critical role that technology and innovation play in the construction industry today, Skanska USA invests significant resources and time to create unique technology tools, equipment and processes to help meet the needs of its clients. Tech tools include:

- **Project Corners app:** Skanska created and uses this app in its projects that allows all project stakeholders to have the latest project information at their fingertips, helping to keep everyone informed with up-to-date information on how the project is progressing.

- **inSite Monitor app:** a tool the company created to prevent disruption to patients during the construction process at healthcare projects. The app allows project teams to monitor the negative pressure in the construction space, noise levels and particle counts in real time to ensure the patients, hospital staff and construction team remain safe while the new construction, renovations or expansions are underway.



- **BMI 360 app:** another high-tech tool Skanska uses allows immediate electronic collection and sharing of punch lists and Quality Assurance, Quality Control (QA/QC) checklists to reduce cycle time to close issues and improve the project's overall quality.

- **iPad Enabled Building Information Modeling (BIM):** allows field staff to verify locations, elevations and conduct a virtual walk through with the BIM model to improve efficiency, quality and overall accuracy of construction field activities.

## SKANSKA Delivers Florida Advanced Manufacturing Research Center in Osceola County

The Florida Advanced Manufacturing Research Center (FAMRC) is a complex sensor technology research center in Osceola County. FAMRC is set to become a major economic driver as the first facility in Florida with the capability of providing a high-tech manufacturing platform.

Led by Skanska USA, the design and construction of FAMRC cost \$71.4 million. The development, which sits on 20 acres of land near the intersection of US 192 and Florida's Turnpike, is comprised of a 109,000-square-foot, state-of-the-art research and development lab facility that will provide semiconductor research and manufacturing.

The new center will work in close collaboration with BRIDG, a consortium led by Osceola County, the University of Central Florida and the Florida High Tech Corridor Council, to further cement the county's efforts to become the heart of smart sensor innovation.

The center is designed to draw companies focused on developing advanced manufacturing products, which is considered a high-wage

sector. This will ultimately enable the creation of new devices and systems that will transform fields such as healthcare, transportation, agriculture, and consumer products.

For example, IMEC, the world leading nanoelectronics research center, has chosen Osceola County to open IMEC Florida, a new entity focusing on photonics and high-speed electronics Integrated Circuit design.

"This project is set to create a new hub for manufacturing and research that will generate thousands of jobs, while positioning Osceola

County as a leader in innovation and research," said Robert Utsey, Senior Vice President at Skanska USA in Orlando. "As a company that sets out to build transformational

projects that drive economic growth in the region, this high-tech facility will deliver devices and systems that will enhance people's lives and their communities for years to come."

The project's construction included build-out of clean rooms, research space, laboratories and support space. The infrastructure to support these spaces was designed and coordinated to meet the

initial and future requirements for additional build-out phases of the master-planned site.

Design and construction of FAMRC began March 2015 and the project was delivered on time on April 2017. The project's design was spearheaded by architect HOK with Abbie Gregg, Inc., a leading global consultant related to this advanced high technology industry sector. ■



**"This project is set to create a new hub for manufacturing and research that will generate thousands of jobs..."**

*- Robert Utsey, Senior Vice President*

## PCL's Virtual Construction Staying on the leading front of cutting edge technologies

BY MICHAEL PORTER, COMMUNICATION SPECIALIST, PCL CONSTRUCTION SERVICES, INC. - ORLANDO

As an industry leader in the use of innovative systems, software, and equipment, PCL understands that the latest cutting edge technologies are dead in the water without a team to implement them on construction projects. Bringing enhanced value to a construction project through the use of emerging technologies requires a commitment not only from executive

a higher degree of quality.

On the project site, the application of new technology begins with project engineers and field engineers, who are trained by PCL's virtual construction specialists to use the latest tools and systems to better serve the project. Devices that capture the project's existing and current conditions require trained project engineers and field

Once a new technology is proven to bring value to the project, the project team shares their lessons learned with the PCL Orlando district leadership. The district management team communicates best practices with the entire PCL operations staff, and establishes technology requirements with demonstrable success to be implemented on all projects in the district. Baseline requirements for new tools used on PCL projects are constantly evolving to better deliver success to clients.

Beyond Orlando, PCL districts use innovative technologies to enhance commercial, institutional, industrial, and civil construction projects. As each district discovers best practices and lessons learned, information is shared between virtual construction teams during a weekly conference call. PCL's corporate leadership encourages the development of and collaboration between virtual construction teams throughout the company by sending teams to industry leading technology conferences and seminars.

PCL's commitment to client satisfaction drives the use of new technologies to deliver projects to clients faster, with greater value and higher quality. Discovering ways to implement the latest systems, software, and equipment requires initiative on behalf of the PCL corporate leadership, district leadership, and project management and operations staff, facilitated by the district virtual construction teams. With each new PCL project comes fresh opportunity to find ways to use technology to better build success for clients. ■



leadership, but from all levels of the operations team staff, and the seamless facilitation of the PCL Orlando virtual construction team.

PCL Orlando's virtual construction team is tasked not only with discovering cutting edge emerging technologies that keep PCL on the front end of a rapidly evolving construction industry, but working alongside PCL's project teams to determine which technologies are a best fit for the needs of their project. With an array of reality capture devices such as drones, laser scanners, and robotic total stations, as well as work planning tools like 4D scheduling and 3D logistics plans, PCL's virtual construction professionals collaborate with the superintendent and project manager at each project's inception to evaluate which technologies bring maximum value to the project. Together the project leadership and virtual construction team analyze the project scope and risks to identify the technology resources, training, and manpower needed to mitigate risks and construct challenging scopes faster, with

engineers to capture information in the field before turning the information back to the virtual construction team for incorporation into the building model. This data is used by the project manager and superintendent not only to better communicate quality expectations with subcontractor partners, but to enhance work planning tools like sequence drawings and the 3D logistics plan.



# Gilbane Builds Central Florida

## Projects Utilizing High Technology

BY MACKENZIE CAROLAN, BUSINESS MANAGER, GILBANE BUILDING COMPANY

As the leader in the construction industry, Gilbane Building Company hosted a Marketplace Lunch for CREW Orlando members. As a forward-thinking construction manager, Gilbane places a huge investment into their technologies. The topic was on 'Building Technologies of the Future: An Evolving Environment for Design and Construction'. Gilbane's Project Executive Heath Bruns and Business Manager Mackenzie Carolan discussed leading-edge technologies currently being utilized on projects right here in Central Florida. The seminar discussed technologies including:

- **iBuild** – one cloud-based platform for all users to integrate with seamlessly
- **BIM360 Field** – a single set of live documents hard at work for the entire project team



- **3D Laser Scanning** – a way to save time and money utilizing a point cloud system
  - **VDC** – a cutting-edge way to bridge the gap between architecture and construction
  - **Pull Planning** – a departure from traditional scheduling means
- Gilbane Building Company's headquartered office for the state of Florida is in Orlando. The firm boasts over 200 employees statewide and has 7 offices in their Florida Division. With clients ranging from Walt Disney World to the University of Central Florida, and from Orlando Health to NASA, Gilbane covers a wide range of project types throughout Central Florida and is a proud technology leader in this community. ■

# Building What Matters

# SKANSKA

This year, Skanska USA is in their 46th year of business since it was incorporated in New York in 1971. As a construction industry leader, Skanska applies its expertise to everything from renovations of existing facilities to billion-dollar, public-private partnership projects. Today, the firm has offices in 31 metro areas across the US and is considered one of the largest, most financially sound construction and development companies with expertise in construction, civil infrastructure, private-private partnerships and commercial development.

The parent company, Skanska AB, which is headquartered in Stockholm and listed on the Stockholm Stock Exchange, is considered one of the largest construction companies worldwide with 41,000 employees. This year, the company is celebrating 130 years in business since it was founded in Sweden. As one of the world's major project development and construction groups, Skanska creates sustainable solutions and aims to be a leader in quality, sustainable construction, work safety and business ethics.

Skanska USA has numerous projects underway across the Central Florida region. Its footprint is dominated by higher education, healthcare, research projects, transportation and infrastructure – projects that are transformational in nature.

For example, Skanska recently completed building the Florida Advanced Manufacturing Research Center (FAMRC) in Osceola County. The center is designed to draw companies focused on developing advanced manufacturing products, enabling the creation of new devices and systems that will transform fields such as healthcare, transportation, agriculture, and consumer products.

The new center will work in close collaboration with BRIDG, a consortium led by Osceola County, the University of Central Florida and the Florida High Tech Corridor Council, to further cement the county's efforts to become the heart of smart sensor innovation. Skanska is the lead partner in the construction joint venture of Skanska, Granite and Lane, or SGL Constructors, that is building the I-4 Ultimate project in Central Florida. The firm also recently delivered a \$118 million project that consisted of designing and building the new Choctawhatchee Bay Bridge (US331) in Walton County and the \$225 million

reconstruction of Interstate 275 in Tampa, Florida.

Skanska recently participated in the ground breaking for the 151,443-square-foot academic building named Dr. Phillips Academic Commons that will be the centerpiece of the University of Central Florida's new Downtown Orlando campus. With extensive expertise in building higher education projects, the firm has completed or is currently building projects at most of Florida's major universities including University of Central Florida, University of Florida (UF), Florida Polytechnic University, Florida International University, University of Miami, Florida A&M University, Valencia College and Seminole State College.



"We work with clients on highly complex projects which require innovative solutions with a sophisticated platform. At Skanska, we excel at delivering solutions with alternative procurement methods and by bringing in partnerships to help achieve the client's goals."

– Robert Utsey,  
Senior Vice President  
of Business Development

In Gainesville, the company is also building the \$250 million expansion of UF Health Shands' Cardiovascular and Neuroscience Hospital totaling approximately 520,000 square feet. In Pensacola, it's re-building the 3.7-mile long Pensacola Bay Bridge. Skanska also provided construction management services for the new FedEx logistics hub in Ocala, Florida, comprised of a 600,000-square-foot distribution facility delivered in the summer of 2016.

"We work with clients on highly complex projects which require innovative solutions with a sophisticated platform. At Skanska, we excel at delivering solutions with alternative procurement methods and by bringing in partnerships to help achieve the client's goals," explains Robert Utsey, Senior Vice President of Business Development at Skanska. Utsey also serves as board co-chair of the Orlando

Economic Partnership.

Skanska has won several awards in recent years recognizing its top projects in the region. The firm won Partner of the Year at the Osceola County Rodeo this year, has won multiple Eagle Awards and Awards of Merit through the Central Florida Chapter of the Associated Builders and Contractors' Excellence in Construction Awards.

Looking towards the future, Utsey believes that Florida's steady population growth will continue to create a healthy demand for construction services.

"We can use our resources in a creative way to stay within our clients' budgets while meeting their business needs," Utsey states. "For example, with the rising costs the medical industry is experiencing, healthcare organizations and providers are seeking to increase efficiencies and improve their processes, which builders have to take into account by building better technology infrastructure necessary to integrate the client's evolving needs."

Building education facilities is also ever changing in today's technology-centered environment. With the Reitz Union Student Center expansion at UF, Skanska incorporated elements into the design that provided opportunities for learning, growth and discovery. The high-profile design was comprised of study spaces, meeting rooms, new lounges and dance studios reflective of the intellectual, technological and social needs of its diverse student population.

"At Skanska, we are strongly positioned to meet the growing needs of the state's key sectors, including research, education, healthcare and transportation, because we have the capabilities, resources and expertise in place," Utsey says. "We are able to offer unique and innovative solutions for clients that help them achieve their business objectives."

Skanska strives to improve the communities where the company builds and which its team members call home. From hospitals to stadiums, airports to corporate headquarters, and power plants to tunnels and bridges, the transformative buildings and complex infrastructure projects the firm designs and builds help heal, transport, entertain and energize communities, with the goal of continuing to build what matters for the communities it serves for years to come. ■



**Craftsmanship & Integrity**  
**All the time, Guaranteed!**

- Commercial
- Light Industrial
- Custom Homes
- Back flow Certification

**Contact us today for all of your plumbing needs!**

Office: 407-786-8766 Service/Dispatch: 407-937-8769  
CFC1427436 • www.remartinplumbinginc.com

**Congratulations Skanska**

**130 Years!**

What a fantastic accomplishment!  
We look forward to working with you for many more years to come.

**Altamonte Glass & Mirror, Inc.**





# WITH TRANSPARENCY COMES EFFICIENCY

## ON!Track Asset Management

Hilti ON!Track is the professional solution for the management of all your assets. ON!Track provides full visibility on one easy-to-use platform. This system is specifically tailored to assist you in tracking the location and history of your assets and proactively managing repairs and inspections.

Contact our ON!Track PROS — Phone: 1-866-879-4578, Email: hnaontrack@hilti.com

1-800-879-8000 • www.hilti.com | 1-800-363-4459 • www.hilti.ca



DBS - 03/17

# BBQ Competition

## May 11, 2017

GRACE CHURCH

Central Florida Chapter ABC held its annual BBQ Competition at Grace Church in Maitland, FL giving members the perfect opportunity to show off their barbecuing skills, get creative and have a whole lot of fun while building team unity and strength. 19 teams gathered to show off their best barbecue skills arriving before the sun to get their grills and smokers ready. The air was filled with the sweet smells of barbecue and the sounds of music and laughter as the competitors prepared for the opening of the event.

Judges and Tasters arrived, hungry and excited, ready to enjoy barbecue samples from each competitor and vote on their favorite. The barbecue was not the only element to be voted on, as many competitors jazzed up their booths with some of the most fantastic themes. Booths were dressed up with themes from The Flintstones to Tropical and Fiesta to Patriotic.

Also, judges from Osceola County Sheriff's Department, St. Cloud Fire Rescue and Oviedo Fire Rescue gathered in the judging booth to share their expertise and choose the 2017 Best BBQ.

Congratulations to the winners of the 2017 Central Florida Chapter ABC BBQ Competition.



### People's Choice Award

- 1st - Trench Plate Rental Company "Wayne's Wibs"
- 2nd - Hensel Phelps "Red, White, & Que"
- 3rd - MiGre Engineers, LLC "MiGre Backdraft BBQ"

### Best Themed Booth

- 1st - J.A. Croson, LLC "No Name BBQ"
- 2nd - MiGre Engineers, LLC "MiGre Backdraft BBQ"
- 3rd - Bright Future Electric "Honey Bee BBQ"

### Best BBQ

- 1st - J.A. Croson, LLC "No Name BBQ"
- 2nd - Maschmeyer Concrete "The Maschmeyer BBQ Team"
- 3rd - Balfour Beatty Construction "Pig Poppa"

Special thanks to the CFC ABC Programs & Events Committee, MC, Chad Walker, and all volunteers who dedicated their time to assist in making the event a success.

2017 BBQ Competition was brought to you by Gold Value Club sponsor Electric Services, Inc. and supporting sponsor Prestige Concrete Products. ■



# Get What You Want From your Business

Thousands of Business Owners are *getting what they want* from their business with EOS®

- People that perform consistently
- Reliable profits
- Steady growth
- Less Stress
- More time with family



You can too! Learn how. Call for a free 90 minute overview



386-218-6123 | www.businesstractioncenter.com

# Design & Building Industry Mixer

## May 18, 2017

EMBER, ORLANDO

CFC ABC Members gathered with over forty design and building organizations for an after-hours social event full of great networking opportunities as well as a chance to make a difference in the Central Florida community. The event supported Second Harvest Food Bank, as members of each organization were urged to donate non-perishable food items or cash to help feed Central Florida children.

Many congratulations to those who participated. The Design & Building Industry Mixer donated over 227 pounds of non-perishable foods and \$775.75 in cash. This year's donation was the most this event has donated in the past four years. Thank you to all in the Design & Building industries who dedicated their time as well as donations in order to make a difference. ■



**Workforce Development/Apprenticeship Issues** - during the 2016 Legislative Session, ABC was able to assist in the creation of a Task Force to study how Florida is and can respond to the state's crippling skilled worker shortage. The Task Force, chaired by ABC Florida East Coast President **Peter Dyga**, came up with a number of recommendations for the Legislature to consider. While the majority of the recommendations were not taken up this session, there is funding and approval for the continuation of the Task Force efforts so that over this summer, they can work with CareerSource and the Department of Education on implementation efforts. This permission and funding came via the annual Building Code Legislation - House Bill 1021.

**Building Code Bill** - this annual piece of legislation occurred in two different bills this session. One (SB 7000/HB 901) aimed at revamping how Florida updates the Building Code and the other SB 1312/HB 1021) the more traditional piece of legislation aimed at addressing immediate code reform needs. Senate Bill 7000 gained a lot of attention early on as it would have created a different process for adopting and reviewing updates from both the International Construction Code, the Florida Building Code, and how it would treat local amendments to the code as passed by local governments. SB 7000/HB 901 did not pass this session.

What can you do now? Please be on the lookout for **Action Alerts** from ABC of Florida urging the Governor to sign HB 599 and 377 into law.

A final "Thank you!" to ABC's longtime lobbyist, **Richard Watson**...This session marked the final year that Rick would serve as Chief Counsel for ABC of Florida. Representing the

needs of the association, and the commercial construction industry at-large for more than 31 years, Rick's name has become synonymous with the industry and will be greatly missed. Rick was recently appointed by Governor Scott to serve out the term of the vacant position of Tax Collector for Franklin County.

Also, Central Florida **Representative Eric Eisnaugle** is resigning from his House District 44 (Winter Garden) seat, as he was appointed to the 5th District Court of Appeals by Governor Scott. Eric served previously from 2008 to 2012, sponsoring several pieces of legislation for ABC. He was again elected in 2014 and 2016, and was unsuccessful in his bid to be elected by his fellow legislators to be the Speaker of the House in 2020-2022.

ABC of Florida will soon hold its annual planning conference to identify issues and legislation that the organization will pursue in the 2018 Legislative Session. As that session begins in January 2018, the Planning Conference will be held July 28, 2017 in conjunction with the ABC of Florida Convention (July 27-30) at the J.W. Marriott Marco Island Resort. Members interested in participating in the legislative planning conference and/or the convention should contact the chapter office or email [mwyllie@abccentralflorida.org](mailto:mwyllie@abccentralflorida.org).

Thanks to the rest of the 2017 ABC Lobbying Team: Carol Bowen, ABC of Florida and Florida East Coast Chapter; Robert Stuart, GrayRobinson; and Chris Carmody, GrayRobinson. ■



Mark P. Wylie

## Embrace New Technology Platforms to Improve Business Operations

BY BILL KRACUNAS & CHRISTOPHER WETMORE, CONSTRUCTION EXECUTIVE

**C**ontractors that keep pace with changing technology will be better positioned to analyze and improve job performance, speed up routine processes on the jobsite, attract and retain the next generation of talent, enhance owner and client relationships and better manage the inevitable changes that occur throughout the life cycle of a job.

While there are many benefits, the construction industry in particular needs to be mindful that changing ingrained processes also will require investment, time and momentum to implement.

### CUSTOMER-CENTRIC ECOSYSTEMS

The recent shift of the business technology ecosystem from the back office to the frontline has broadened relationships between businesses and consumers. As companies refocus their priorities on customer value, IT solutions that deepen insight into customer bases—such as big data, email marketing, automation tools for marketing and customer relationship management—are taking precedence over traditionally valued IT systems. With the advanced knowledge that these tools provide, businesses are not only jumping at the opportunity to invest in the overall customer experience by providing more relatable content, personalization and ease of access, but also are equipping their teams with the information necessary to stay relevant to today's customers.

### REAL-TIME COLLABORATION

Onsite workers use a variety of mobile devices and virtual tools, which often are linked to cloud-based computing platforms. For example, BIM and VDC technology allows construction professionals to virtually plan and build projects. Other tools allow multiple users to edit drawings, track changes or provide updates. And, mobile apps allow workers to easily estimate materials, create or export blueprints, schedule subcontractors or review contracts. However, these tools are rarely optimized for integrated collaboration.

### AUTOMATION

Streamlined and integrated solutions are redefining business operations. The latest generation of software solutions allows businesses to refigure administrative efforts and

redirect focus to value-adding business functions. Everyday operations such as payables, budgeting and forecasting can be automated through software service providers such as Tallie, Adaptive Insights and Bill.com.

Reductions in time-intensive processes, manual errors and costs allow for the increased efficiency needed to enhance organizational growth in today's marketplace. Further integration with enterprise resource planning systems can provide the visibility needed for organizations to manage corporate performance in real time.

### DATA SECURITY

As technology advances, so do cyber threats. Construction companies must be prepared for potential breaches and the internal and external risks such incidents introduce. With the increasing use of cloud storage, information is as accessible as it is prevalent. Proactive measures such as cyber insurance, threat modeling and regular testing and monitoring of organizational infrastructure are necessary to help prevent unintended access to critical organizational and client data. However, technology can only do so much. Ultimately, companies need to train employees and implement formal documentation of security policies to protect critical information.

### FOUNDATION FOR THE FUTURE

Construction is a cyclical business. Before the next downturn, when spending on construction projects will decrease, consider implementing technology-enabled efficiency drivers and standardized processes that will improve a company's sustainability and agility. For example, newer predictive technologies can gather real-time data from workers, equipment and other jobsite assets to identify risk, cost and performance trends. The more standardized operations are, the easier it is to implement strategic changes when needed. If carefully considered, these tools can be a smart way to help businesses weather a full range of economic conditions. ■

*Reprinted with permission from Construction Executive magazine's eNewsletter, a publication of Associated Builders and Contractors Services Corp. Copyright 2017. All rights reserved.*

## Don't Skip Training on Technology Investments

BY GREG MICHAEL, CONSTRUCTION EXECUTIVE



**C**onstruction companies are investing in digital technology with expectations of a quick return on investment (ROI). The assumption is that the investment will more than pay for itself by winning more bids and managing more jobs, profitability. It seems like a no-brainer, right?

Not so, because some software technology products might be pitched as "plug and play," and so user-friendly, that little training is required. Often, simple, easy-to-use software is not all that simple and training and support would benefit the users and the company. Without training and support, you may not get the full benefits of your investment.

Training has a big impact on the value to be derived from technology investments. Training in general, not just on tech, has a high value. According to a 2014 HR Magazine column, companies that invest \$1,500 annually in training on each employee have an average of 24 percent higher profit margins than businesses spending less on training.

Implementation of new software is not enough. Using only self-taught PowerPoint training is a small step in the right direction, but employee engagement falls off rapidly and doesn't match the power of classroom instructor-led training, professional video presentations or live technical support through webinars.

ATD's State of the Industry reports businesses provide 32.4 learning hours per year, per employee; more than 50 percent are instructor-led classroom training. ■

*Reprinted with permission from Construction Executive magazine's eNewsletter, a publication of Associated Builders and Contractors Services Corp. Copyright 2017. All rights reserved.*

## Commercial Contractors of Innovative Interior Systems Since 1946



- 26 Locations
- Specialty Construction
- Ceilings • Walls • Floors



ACOUSTI  
ENGINEERING  
COMPANY OF FLORIDA

P: 407.425.3467 | [www.acousti.com](http://www.acousti.com) | F: 407.422.6502

Hard work.



Loyalty.

Dedication.



**LET'S BUILD SOMETHING COLLABORATIVE.**

For over 75 years Hoar Construction has been not just a builder but a partner with owners and developers. From Eastwood Mall in 1960 to the recent construction at Dania Pointe in Dania Beach, FL, we continue to collaborate and work with some of the best developers in the business. Hoar brings unrivaled expertise, leadership and success. Ready to build something collaborative? Let's talk.

hoar.com



# MECHANICAL INSULATION **MIT** & TECHNOLOGIES LLC.

Phone: (386) 532-6963

www.mechinsultech.com

2578 Enterprise Rd., Ste. 108,  
Orange City, FL 32763

email: mitoffice@mechinsultech.com

facebook.com/mit6963



**Richard C Sawyer, CEO**  
Rick.S@mechinsultech.com

**David J Llewellyn, President**  
David.L@mechinsultech.com

**Our Work Sells Itself**  
**"Committed to Excellence"**



Central Florida Chapter

# Value Club 2017

## Platinum Value Club Sponsors



PRSR STD  
US POSTAGE  
PAID  
ORLANDO, FL  
PERMIT NO. 150

## Gold Value Club Sponsors

Acousti Engineering Company of Florida  
Baker Concrete Construction, Inc.  
Balfour Beatty Construction  
Dunkman Paint & Wallcovering, LLC  
Electric Services, Inc.  
Energy Air, Inc.  
Hensel Phelps  
Hilti, Inc.  
HOAR Construction, LLC  
Kirwin Norris, P.A.  
KHS&S Contractors  
Morton Electric, Inc.  
PCL Construction Services, Inc.  
PeopleReady  
S.I. Goldman Company, Inc.  
Turner Construction Company

## Silver Value Club Sponsors

A C Development Group, Inc.  
Aagaard-Juergensen, LLC  
Business Traction Center  
CEMEX  
DPR Construction  
Enterprise Fleet Management  
Fire & Life Safety America, Inc.  
Gulf Mechanical Contractors, LLC  
Maxim Crane Works, LP.  
MLC Theming, Inc.  
Modern Plumbing Industries, Inc.  
R. C. Stevens Construction Company  
Robins & Morton  
Sasso & Sasso, P.A.  
Site Storage, Inc.  
Tharp Plumbing Systems  
Wharton-Smith, Inc.

## Bronze Value Club Sponsors

Advanced Millwork, Inc.  
Austin Commercial  
Brasfield & Gorrie, LLC  
Certified Slings & Supply  
Comprehensive Energy Services, Inc.  
CORE Construction Services of Florida, LLC  
Dean Mead Attorneys At Law  
Hartford South, LLC  
Lake Glass & Mirror, Inc.  
Lykes Insurance, Inc.  
McCree General Contractors & Architects  
Quality Labor Management, LLC  
WithumSmith+Brown, PC