

Bright Future Electric

Allen McCain, President

The “Mission” of Bright Future Electric is to provide quality service to our customers, provide opportunities for growth to our employees, and maintain a profit level necessary for our continued growth.

In this newsletter let’s explore the concept of what it means to provide quality service to our customers. On the surface it would appear to be a very simple answer, but to begin the process, we have to define who our customers actually are. Are they the project owners, the developers, the general contractors/project managers, the jobsite superintendents, the safety directors or the architects and engineers? The answer is ALL of the above!

Often we forget that in addition to the external customers, each of us also has customers within Bright Future Electric. For example, our Foremen are the customers of our Project Managers, all of our employees are the customers of our payroll, Human Resources and Senior Management, and our Craftsmen are the customers of our Foremen, and on and on this scenario goes. Our internal customers deserve the same quality service as our external customers!

So back to the original question... what does quality service to our customers mean? In most cases it boils down to a few key components that, if followed, lead to lasting relationships.

- *Remember the “golden rule”: Treat the customer exactly like you want to be treated.
- *Get to know the customers and understand their expectations then do everything in your power to exceed those expectations.
- *Be proactive and plan ahead... firemen are the only people that should be putting out fires, and we aren’t firemen!
- *Seek out opportunities to bring value! Continually take the opportunity to prove your worth to the customer.
- *Pursue excellence relentlessly in everything you do. Dig into the details and never sacrifice quality.
- *Communicate constantly ... keep customers updated.
- *Fix the annoyances; be perceived as a solution provider and not a problem causer.
- *Build customer confidence and present yourself in such a way that the customer knows you are a professional and you are someone he or she can trust.
- *Be honest! Never intentionally mislead or deceive a customer.
- *Show genuine appreciations for the opportunities your customers provides and let them know you consider the relationship to be important.

As cliché as it is there is nothing more true than the statement “*If we don’t take care of our customers, someone else will!*”! That “someone else” is our competitor down the street.

The first quarter of 2017 exceeded our projections, and we continue to believe that this full year will prove to be our best ever from a financial standpoint. Backlog remains strong and industry expectations are that the non-residential sector will maintain a growth trend. However, our safety results are not as positive. We continue to be plagued with incidents that are easily avoidable! Very rarely do we experience a true accident – most of our injuries are the result of safety violations or carelessness. Muscle strains and tears are a continuing problem for us and in many cases result in lost time recordables. None of us is as young and strong as we assume we are. Think about what you are doing and ask for help or look for an alternative solution before over exerting yourself! Make it a priority to look after your own safety as well as the safety of those around you.

If we can continue to provide quality service to our customers we’ll remain the “Contractor of Choice”!



JUNE 2017

Florida West Coast Division - Feature Employee, Vinnie Cosentino

Vinnie Cosentino is a Bright Future Electric Sarasota superintendent who, over the past four years, has run some of our larger and more difficult projects and has done them well. He was born and raised in West Patterson, New Jersey, graduating from Passaic Valley High School in 1982. In 1983 he joined Local IBEW #102 and entered their four year apprenticeship program. Vinnie showed such promise in the program that they had him performing as a foreman after only two years. He stayed with Local IBEW #102 until 1989 when an uncharacteristically cold and snowy winter convinced him that it was time to move to Florida.



Vinnie initially moved to Fort Lauderdale and went to work for Neisner Electric, a large east coast electrical contractor. Ultimately, Neisner picked a Sysco Food's large distribution center in Palmetto, Florida. Neisner management asked for volunteers to temporarily relocate to Florida's west coast and run the project so Vinnie accepted the challenge. Vinnie liked the west coast of Florida much better than the east coast and when the Sysco job was completed he went looking for local employment.

Over the next few years Vinnie worked for Florida Power Solutions and NCN Electric doing a variety of electrical projects. In January 2013, as Bright Future Electric Sarasota was beginning the large University Town Center mall project, Vinnie came on board to run the underground portion of the work. Vinnie did such a great job with that portion of the project that he was then given the site electrical portion of the project. Again, Vinnie excelled in his duties on the site work and was soon running the Dillard's buildout, one of the mall's anchor stores. Vinnie has demonstrated an unusual ability to consistently bring jobs in under budget. Since finishing up at the University Town Center mall project, Vinnie has completed the National Guard armory in Acadia, the site work for Costco in Tampa and the

Holiday Inn Express in Seminole, all successful projects.

Vinnie is a family man who likes nothing better than spending time with his wife, Marty and daughter, Dawn. Whether its dinner and a movie or a quiet evening at home, Vinnie is refreshed and rejuvenated by spending time with his family.

Alabama Division - Feature Employee, Johnny Burnett

Johnny Burnett was born and raised in Tuscaloosa, Alabama. While in high school he met Amy, his sister's best friend and the woman who would later be his wife. They married in 2013 and together they make up a family of nine. Their children are ages 27, 21 (two), 19, 18, 17, and 9!

When he has spare time, Johnny likes to go fishing, work in his vegetable gardening, and do carpentry work. He was a carpenter for 13 years before getting into electrical work and for the last five of those years was a foreman building houses. Johnny enjoys giving back and runs the sound system and video monitors at his church, Bethabara Baptist. He is also the Sunday school Director!

As a point of interest, Johnny also sat for his Electrical Contractors license in 2013 and scored an 87 on exam. We're proud to have Johnny at Bright Future and glad he chose to move from residential building to commercial electrical!!



Pumphouse Road Office - Alabama Division Feature Project

This project was a design build project with Brasfield & Gorrie, LLC. The project consisted of a two-story 42,000 square foot shell and core office building with a parking garage below the building. There is currently only one tenant in the building, 1st US Bank, located on the 2nd level with future tenant spaces on the 2nd and 3rd levels. Our work consisted of providing main and branch power distribution, LED interior lighting, LED building exterior uplights and parking lot lighting, lighting control system, emergency generator for life safety and emergency power, fire alarm system and car charging stations. The 1st US Bank is scheduled to start moving in on June 22, 2017. The success of this project can be attributed to the hard work of our onsite superintendent, Nic Spears and the entire crew. They were a large part of bringing this work in on time and with a safe completion.



Florida West Coast Division - Feature Employee, Judy Coronis

Judy Coronis is Sarasota's long-standing accounts payable and payroll person. She was born and raised in Manchester, New Hampshire. After completing high school she took a job in the bookkeeping department of a bank. She liked dealing with numbers and when the opportunity presented itself she moved to Nashua, New Hampshire and went to work in the accounting department of Buckbee Mears, a large producer of circuitry. It was in this position that Judy met the



love of her life - - David Coronis. Unfortunately, David was also Judy's boss so, as the relationship developed, company policy "forced" David to release Judy. However, it was not all "bad news" as Judy and David were subsequently married, and Judy found employment in an electrical contractor's accounting department.

In March 1998, Judy and David decided to leave Nashua and move to Florida to be nearer to their daughter, Wendy, and to get their son, Chris, out of the cold and snowy New England winters. In October 1998, Judy joined Aladdin Ward Electric (AWE) in Sarasota as a project administrator and held that position until AWE's long-standing accountant retired at which point Judy took over the company's accountancy responsibilities. She held that position throughout the Integrated Electrical Services (IES) days and remained in the position until IES decided to shut down their Florida operations. The good news for Bright Future was that IES's shutdown and Judy's termination coincided with the startup of Bright Future Electric Sarasota. Judy was immediately hired to take on the accountant role for BFE Sarasota, and she has been with us ever since.

Judy's husband David passed away in early 2011 after a long bout with cancer, but Judy still feels blessed that she has her Bright Future Electric family and her children and grand-children all close. Anybody that knows Judy is aware of her affinity for "anything Disney". Whether its trips to Disney with friends or trips with family, Judy's "fountain of youth" remains the parks of Walt Disney World! If you ever need anyone to help you with how to navigate the ride lines and food courts of Disney World, Judy is your person.

Perhaps most important is what Judy's philosophy of life brings to the Bright Future Electric Sarasota operation - 1. Stop complaining, instead count your blessings, 2. Be grateful every day for gifts you've been given and 3. Be kind to one another!

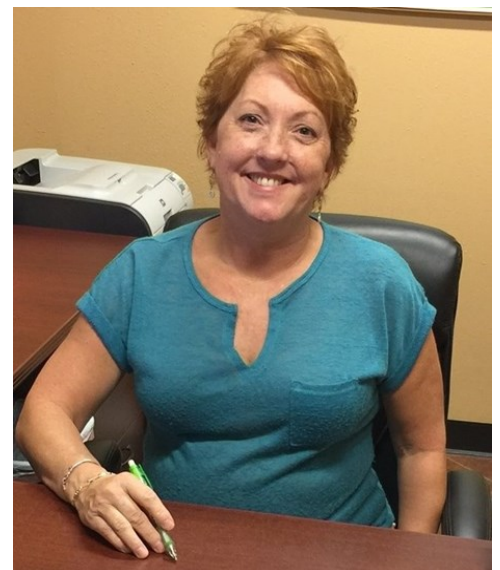
Central Florida Division - Feature Employee, Sandi Ballaron

Sandi Ballaron started with the Bright Future family in 1989 and has been an integral part of our team ever since. Her current role is Accounting & Office Manager. One of her best qualities is how much she cares for Bright Future and its employees.

Proud to live in her hometown of Winter Garden, Sandi and husband Frank enjoy going to local restaurants often in the company of their dog, Mini Cooper. Part of her love for Winter Garden comes from being raised in the downtown area where her parents owned and/or operated several different businesses. Along with being a proud mother of two exceptional young men, Adam and Nick, she and Frank are even prouder grandparents to seven grandchildren.

One of Sandi's favorite things is traveling, (and wine). She has traveled all over the country and has many stories to tell from her trips throughout the years. She also really enjoys beach trips with her BFFs and finding new tiki bars. Music is a large part of her life which make going to concerts a priority. She has recently been given a guitar from her Dad and has plans to learn to play.

Thank you, Sandi, for helping make Bright Future Electric
the Contractor of Choice!

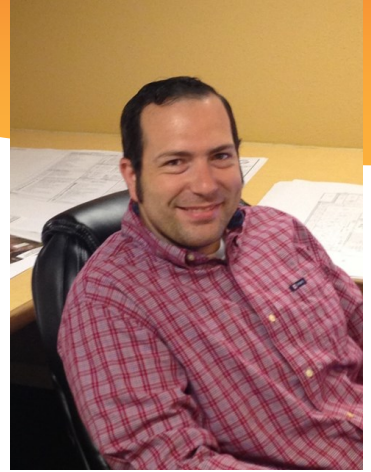


Central Florida Division - Feature Employee, Andrew Heintzelman

Andrew started his career with Bright Future fresh out of high school in 2003. He worked in the field for four years before coming into the office as a project coordinator, then moved to estimating for 10 years and is now our Chief Estimator. Andrew is very involved in the industry and has recently signed on as a FEAT instructor.

He's been married to his wife, Hannah, for 10 years, and they have three children - a daughter age 9 and two sons ages 7 and 3. In his spare time Andrew enjoys skeet shooting, camping and exploring the outdoors with his family.

Thank you, Andrew, for helping make Bright Future Electric the Contractor of Choice!



Alabama Division - Feature Employee, Nic Spears

Nic was born and raised in Birmingham. He met his wife while he was a student at University of Alabama in Birmingham where they were both in the UAB choir. Both share a love of music and word has it that both Nic and Caroline are excellent musicians! He plays most stringed instruments, the recorder (think Elementary School) and drums. Nic says when his children are grown and he retires from the electrical world, he might like to start a band! Caroline works for the local NPR radio station, WBHN and is choir director at their church in her "spare time" when she's not raising their three children. Married 14 years, Nic and Caroline have budding musician of their own, Oscar 11, Alex 8 and Avery 5. The children are following in their parents' footsteps - the boys are important members of the prestigious Birmingham Boys Choir.



In his spare time, Nic enjoys cycling, playing board games with his family, building stuff (woodworking, tinkering in garage) and going to the shooting range. And just a tip ... you don't want to cross Nic because he has earned his black belt in karate!

When asked if he has a favorite job that he has worked while at Bright Future, Nic said he really enjoyed the Labcorp parking deck. Rock on, Nic!!

Florida Panhandle Office - Victor Hathcoat

The season is upon us. Hordes of tourists, their pace barely slacking through the winter, swoop down on us in increasing number. Such is living and working in the Panhandle.

The Viridian project nears completion. Darrick Lund and Greeley Webster have soldiered on diligently. It's been one of those jobs where we're forced to do the majority of the scheduling and coordination for the project just to stay productive. That's a far cry from the days of the 1990's condo crush, where we'd pull a 20 story building out of the ground to completion in 18 months or less. I don't really miss those days at all.

Otherwise, we've been busy with a myriad of small jobs like new service bays at MarineMax located in Pensacola, Gulf Shores, and Panama City. We've done several fire alarm jobs from Panama City to Pensacola and wired new floating dock sections at Legendary Marine.

We were tasked with lighting the largest flagpole and flag in the area at Legendary Marine with its 160' pole and 45x70 flag. Careful positioning of three specially-designed 440-watt LED fixtures did the trick. The owner said he wanted to see the flag from the top of the Mid-Bay Bridge (1½ miles away)... Mission complete!

We're starting another Publix renovation soon which means night work so I guess I won't have to worry about getting sunburned!

Better, stronger, faster...the
Panhandle Crew!



SAFETY EMPHASIS

Florida West Coast - Nick Ninos

As construction workers and electricians, we are constantly made aware of the dangers lurking about a job site. But what about at home?

Often, many of us don't think about how we could get hurt OFF the job. Working at home can be just as hazardous as working on a jobsite. Weed-eaters and lawn mowers, for example, can throw debris and rocks around at such a high velocity that you'll never see it coming. Or, let's say you need to clean out your gutters. Is the ladder you're using on stable ground? It may feel like it when you set it up but two or three steps up it shifts to one side and stops at an unstable angle or even causing you to jump off.

Don't take safety for granted at home. Be aware of the hazards at home just as you are on the job site!

Central Florida - Steve Thompson

Summer is upon us, and it's time to drink plenty of water - at least 16 ounces of water per hour (depending on your body type) for men over the age of 18 and a little less for women. Remember, if you've gotten real thirsty you are or can be in trouble.

Heat exhaustion signs include heavy sweating, dizziness, nausea or vomiting, headache and pale skin.

What to do:

Move to a cooler place or seek shade

Remove or loosen outer or heavy clothing

Drink small amounts of cool water or a sports drink

Seek medical attention if conditions do not improve

Heat stroke is the most severe type of heat-related illness. It occurs when a person becomes too hot too quickly and his body fails to cool down. Warning signs of heat stroke include red, hot, or dry skin (no sweating), rapid or weak pulse, shallow breathing, confusion, unconsciousness, and a very high body temperature (above 103°F).

What to do:

Get medical assistance or call 911

Monitor body temperature

Cool the victim immediately using cold packs, an ice bath or a water hose

Try fanning the victim as another way to help lower his body temperature

Move the victim to a shady, cool place

Remove unnecessary clothes

Do not give the victim anything to drink if he/she seems confused or disoriented. If you are unsure of the victim's mental alertness, ask him to tell you where he is, what his name is (if you know him or can find his identification papers) and what day of the week it is.

Make sure you and your friends are drinking enough water whether you're at work or just having a good time with friends in the sun. Have a safe and fun summer.

Alabama - Michael Bolton

FALLS ARE THE LEADING CAUSE OF DEATH IN CONSTRUCTION. In 2015, there were 350 fatal falls out of 937 construction fatalities, which accounts for 37% of deaths in construction. Nearly 1 in 4 fatal falls in construction involve LADDERS and more than 1 in 3 fatal falls happen from 15 feet or less. These are definitely two statistics that can directly have an impact on our employees.

This topic really affects all of us. We all probably have a step ladder and/or extension ladder at home that we use to clean the gutters, hang Christmas lights, climb onto the roof, etc. I'm sure none of us has reached out just a little bit farther in order to prevent having to get down and move the ladder. The reality is we are way more likely to get hurt at home than we are at work. Unintentional injuries have consistently ranked as the 5th leading cause of death behind heart disease, cancer, chronic lower respiratory disease and stroke. FALLS are the leading cause of home injury deaths with nearly 6,000 lives claimed and more than 90,000 people receiving emergency room treatment from ladder-related injuries every year.

Ladder accidents are extremely common even though they are entirely preventable. Ladder accidents can come from a wide variety of issues but the following four causes account for the vast majority - selecting the wrong type of ladder, using worn or damaged ladders, using the ladders incorrectly, and placing the ladders incorrectly. Human error is by far the leading cause of ladder accidents. We show a ladder safety video during the 10 hour OSHA classes with the theme that a ladder is "constantly trying to kill you". It is corny and the producer is trying to be funny, but considering these numbers, we should all be more diligent in the use of ladders at work and at home.

Carmon Colvin - VP & General Manager, Alabama

June 4 was my tenth anniversary at Bright Future Electric. The company was one year old when I started and was already showing growth and strength in the electrical contracting market thanks to the commitment of Dan and Allen to build a 21st century company. I have been fortunate enough to witness the building of this company from day one to doing almost \$70M in annual work completed last year. This is a success story that is rarely repeated in any discipline of subcontracting.

As I reflect on the last 10 years I think about all of the great people that I have had an opportunity to work with and learn from. I owe a debt of gratitude to all of our employees that have worked so hard to make us a success, even when some of the decisions I have made were not the best.

The experienced professionals that make up our field staff do an unbelievable job getting projects completed while overcoming obstacles that many times originate with management. Insufficient information, lack of help, late material, broken tools, or no tools, these are all examples of obstacles that are routinely overcome by ingenuity, common sense, and grit, courtesy of our foremen and superintendents in the field. Rick, Robert, Steve, Johnny, Wayne, James, Don, William, Phillip, Daryl, Donny, Lee, Curtis, Rich, Nic, Brian, Shawn, Shane, Jason and others that I have forgotten, thank you for handling the projects in spite of the early mornings, late evenings, weekends, and having to work in 10 degree or 100 degree weather.

My job description has included “managing Alabama Operations”. That job has been incredibly easy thanks to the ladies and gentlemen in the Birmingham office that need no managing. Most are self-starters and good managers in their own right. My only real task has been to try to help knock down barriers so they could do the job they already knew how to do. Thanks to all of you for your friendship and hard work. The guys that manage the other divisions of BFE, Skip, Steve, David, & Victor have all been quick to lend a hand anytime I needed help with anything. Thank you all.

The future of this division is indeed bright. We are fortunate to have all of the people that have been here for years & I know they will continue to do the great jobs that they always have. In addition, we have been fortunate enough to bring onboard some really talented and experienced professionals within the last several months. Thomas, Mike, Rick, Allen, Larry, & Chuck are already making an impact, and I know that they will continue to do so in the future.

As of the end of this month, I am stepping down from my role as manager of the Alabama division. Allen has been good enough to work out an arrangement where I can begin taking significant time off to do some of the things on my bucket list. I will be around, just not every day. If I can ever assist any of you, just give me a call. If I am not out of town doing something fun, I'll be glad to help. At the very least, I will be available to drive the delivery truck when Dennis is on vacation, if Caleb will let me!

Central Florida Division Feature Project – I FLY

I-FLY is a 33,900 square foot indoor skydiving facility located on International Drive in the heart of Orlando's tourist district. The main structure has four distinct levels. The Lower Level Crawl Space is the base of the building and forms the beginning of the wind tunnel. The walls in this area are 12" thick and buried 40' below ground level. The Upper Crawl Space is the primary location for all the electrical feeders and the chilled water piping, providing a corridor for concealed routing to equipment locations. The Main Sales is where the guests enter the “Fly Zone” and take flight. All the control cabinets that operate the ride are located on this floor. The 5,000 amp/480 volt power plant is also located here. The final level is the roof top. In this area four 500 HP/480 volt motors that provide the wind are located. The wind speed is regulated by four separate 1200 amp variable frequency drives mounted on a service deck platform.

The job schedule ended up being compressed which put the crew under pressure to complete before the grand opening date. Our crew worked many hours of overtime, seven days per week and additional night shifts to get the final inspections and TCO complete in time.

Special thanks to every team member that went the extra mile to get this project completed and turned over to the owner by the required date. The owner is very satisfied with the finished product and the effort put forth by Bright Future. Congratulations on another satisfied customer.



Florida West Coast Office

David Hicks - Division Manager

Steve Panagiotakis - Operations Manager

“Pardon Our Dust”!! That will be the norm at the Sarasota branch office for the next couple of months. After many months of growing and expanding our low voltage and CAD departments it’s time to provide a much improved environment for them to do their work. Plans have been drawn and a general contractor has been identified to reconfigure our main warehouse into a series of offices and cubicles. This will provide them with quiet, well-lit office space which should allow them to be more productive and to produce a higher quality product - - all of which will benefit the entire Sarasota branch.

We also have plans to increase the size of the estimating department by expanding into a portion of our old warehouse. Currently, the estimators are almost “on top of each other” and additional space is needed to grow and become more efficient. The loss of warehouse space for both projects will be negligible and should be offset by plans to revamp and upgrade the remaining portion of the old warehouse.

Besides the renovation projects, the Sarasota branch has been busy working with the Gulf Coast Builders Exchange (GCBX) to prepare and put on a “Construction Rodeo”. The event featured booths and presentations by many trade members of GCBX, including Bright Future Electric, with a focus of introducing local high school students to the construction industry and the many benefits offered by employment in the industry. The event was an unqualified success. Approximately 350 high school students were in attendance and they left with an abundance of information about jobs in the trades. Manatee Technical College hosted the event, and there are already plans in process to make next year’s event even bigger and better.

Once our renovations are completed we plan to have an open house and hope that some of you will be able to come and see the newer and better Bright Future Electric’s Sarasota branch office!!



Sarasota Modern Hotel - Florida West Coast Division Feature Project

Sarasota Modern Hotel is a five-story Starwood brand hotel with 88 units and three villas. Designed by Stephen Chung from Boston, the hotel will incorporate only locally-sourced food, drink, art and design. The white plaster walls, natural woods, large windows with sun screens and lush plantings were inspired by the Sarasota Modernist Architecture movement of the 1940’s. The hotel’s restaurant is named after Paul Rudolph, the father of the Sarasota School of Architecture and displays his famous pencil renderings. There are quotes in each guestroom from Pulitzer Prize-winning Sarasota resident MacKinlay Kantor and the art throughout the hotel is based on the famous abstract works of Syd Solomon. Just in the beginning stages of construction, we are excited about being part of this project which will have a significant impact on the Sarasota social scene. Joe Dunn will be our project manager.



Skip Brown - Central Florida Division

Another year is flying by and 2017 is shaping up to be a great year for Central Florida. Gary Rewis and his Special Projects team are doing well with a constantly revolving door of jobs wrapping up and new ones starting. They are currently managing 21 active projects with \$3.1 million in backlog. Noble and the Commercial team have several jobs wrapping up with several that are close to starting. They've recently added Tremont Towers, a 25- story shell building downtown with tremendous potential for additional work on tenant buildouts. Commercial has eight active projects with \$10 million in backlog. Josh and the Service team are kicking butt and taking names. Service has had record breaking months this past quarter. Josh and crew have developed a relationship with Universal Studios that has really paid off. Great job everyone! Andrew and his estimating team have no shortage of jobs to bid. It's a nice change of pace to have a little more selection on what type of work we are looking at - thanks guys ... keep up the good work!

I'm looking forward to seeing everyone at the BFE family picnic on Saturday, June 10th at Bill Fredrick Park. It will be fun, and it's always great to see people that you don't get to see on a daily basis. Thank you to all of our Bright Future Family for the hard work and dedication it takes in making us successful while being "The Contractor of Choice".

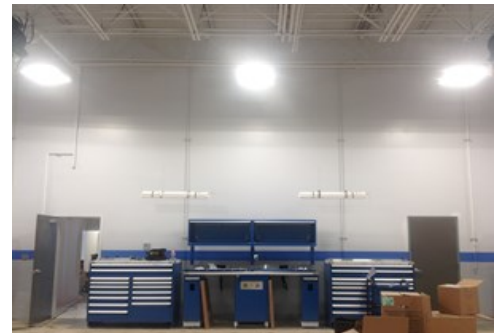
Tameron Honda - Alabama Division Feature Project

Tameron Honda of Gadsden is a car dealership located approximately 60 mile northeast of Birmingham. This 29,000 square foot, state of the art facility sits on 8 acres and has 66 LED pole lights. All lighting inside is LED, and there's a lighting control panel which controls 90% of the lighting. As long as the owner is connected to WIFI, lighting can be turned on and off from any remote spot.



The showroom is complete with marble floors under a 23 foot ceiling. There are 15 service bays (that will put lust in a grown man's heart), two wash bays, two detailing bays and a photo booth. There are a total of 17 roll up garage doors.

Daryl True and his crew have been on site since December (a tough time to rough in a slab even in the fairly warm state of Alabama). We are 80% complete and after another week and half we'll be waiting on owner furnished equipment. This is turning out to be another great job for BFE.



The Orlando Gun Club - Central Florida Division Feature Project

The Orlando Gun Club, done with the Williams Company, was tilt wall construction in a very tight construction site so everything had to be strictly scheduled. This club has 15 shooting stalls, 10 pistol and 5 rifle. They will be conducting concealed weapon classes as well as general gun safety. Customers will be able to buy or rent guns to shoot. Located only a mile from our office, we should be able to bring our guns and take out a few of our frustrations on some targets! The project manager was David Desch, and the superintendents were Greg

Wise and Jimmy Bowden. Greg started the project and Jimmy stepped in to cover when Greg was called away. Together, they completed a successful project!



Nick Rimes -

Florida Fort Myers Division

We are pleased to announce that we have added an administrative assistant, Galaxy Venegas, to our Ft Myers Team. She has experience in construction office processes from another general contractor's office. Galaxy has an extensive background working with contracts, submittal processes, invoicing, purchase orders and accounts payable, etc. Her warm personality and strong work ethic are true assets to our company, and it has been a most pleasant experience bringing Galaxy into the Ft Myers family.

We are coming to the end of two of our larger assisted living projects in Ft Myers, Beachwalk and Cypress Point. This is happening at just the right time to pick up public school work during the summer school break. EBL Partners, a new customer of ours, has awarded us contracts for two projects in Immokalee plus we have a verbal commitment for one more with them. Additionally, we have two more school projects with other general contractors that look most promising for us. We look forward to the scheduling challenges of wrapping these jobs up before it's time for the children to return to school!

All in all it has been a great "first year" for the Ft Myers office Team. Everyone worked extremely hard to exceed the goals we had set for ourselves, and I'm certain we will have an even better second year.

Autumn Leaves – Florida West Coast Division Feature Project

Autumn Leaves of Sarasota is a memory care facility catering to the needs of people suffering from Alzheimer's and Dementia. The building is 37,505 square feet with 54 beds and a host of amenities including a library, a café, a hair salon and unique "outdoor garden" spaces located throughout the interior of the building. This project is our third of this same prototype.



The unique part of these projects is the foam block construction. It is similar to building a very large cooler. The foam block has a center cavity into which concrete is poured. A fire lid is constructed directly to the truss system and, once all work is completed in the attic, insulation is then blown into the attic, making for a very energy efficient system.

We are currently bidding on the next Autumn Leaves facility which is scheduled for Naples.

We feel confident that with both the success we have had on previous Autumn Leaves project and our with outstanding relationship with the same owner we'll be awarded this project.

University of Alabama Athletics - Alabama Division Feature Project

This project when completed will host basketball competitions at the University of Alabama. It is an addition to the existing rec center. The site is very small for any storage of material, and there are plenty of students in the area to watch out for. We have just finished the in-slab work and are beginning the overhead portion of the project. The 26,000 square foot building is mainly glass for the exterior walls which makes it difficult to keep all the conduits concealed. Lee Dunn is the superintendent and is doing a great job. This project is scheduled to be completed in the fall. There have been a few changes in the scope of work to date which the owner has made at the last minute and which have kept Lee on his toes. Thank you, Lee and crew for all your efforts!



USDA - Feature Project Florida West Coast Division

For the past 17 years, a Sarasota facility has been Florida's top producer of sterile male Mediterranean fruit flies. These insects are the US Drug Administration's primary defense against the deadly "citrus greening" disease that has so negatively impacted Florida's citrus industry. By releasing the sterile flies in infected areas they are able to effectively halt population growth of the flies and, ultimately, rid an area completely of them.

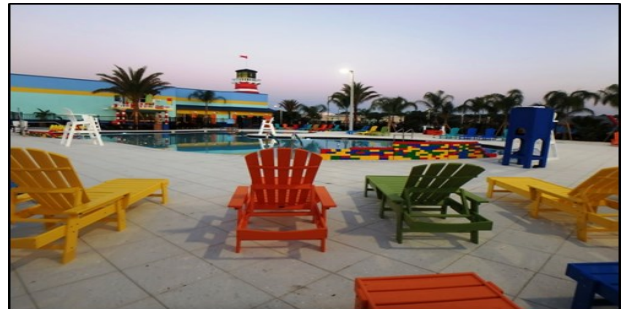


Halfacre Construction is the general contractor for the project. We have worked with them in the past on other manufacturing projects and expect this project to go smoothly. The new facility will put production closer to the Sarasota/Manatee airport which is critical to overall success as most of the sterile flies are released from airplanes. Also, the new facility will be "state-of-the-art" over the previous USDA facility and allow them to increase production to over 100 million sterile flies per week.

Bright Future's Alex Quiros is the project manager for this \$1,383,967 electrical budgeted project and Dave Kohn is the onsite superintendent. The project calls for a Modbus Energy Management System which will integrate with the HVAC for monitoring and control of the system. It is estimated that the project will be completed next spring.

Legoland Beach Retreat - Central Florida Division Feature Project

Legoland Beach Retreat is a 20 acre themed resort located in Winter Haven, adjacent to the park. It has 83 duplex bungalows spread across 13 coves in semi-circle shapes, each cove having its own individual play area, a centralized clubhouse, restaurant and pool for guests to relax and enjoy. Bright Future installed the complete electrical system for the project, which consisted of installing the primary conduits for the utility company to provide the power loop for the 5 new utility transformers, six 600 amp 3 phase 208 volt main distribution panels located around the site for the bungalows, with each bungalow having its own 125 amp 1 phase panel. The clubhouse has its own 800 amp 3 phase 208 volt service for powering the bar, buffets and large kitchen facilities. The system also consisted of the lighting controls for the clubhouse and site, fixtures, fire alarm system and lightning protection. The project was originally scheduled for an 18 month duration, but with hard work and efficient planning, it was turned over in just over 16 months to the owner. The biggest obstacle that had to be overcome on this project with such a large site was coordinating the large amount of underground conduits required for the electrical install with the storm, sewer, irrigation, plumbing, gas and fiber infra-structure being installed at the same time. That coupled with the fast construction schedule for the bungalows and three months from underground to finish for each cove, made this project was a challenge to tackle.



CODE HIGHLIGHT:

THE REQUIREMENTS OF PROPER TORQUE FOR ELECTRICAL CONNECTIONS

In the 1975 NEC, article sub-section **110.3 (b)** was added. That sub-section reads:

(b) Installation and Use. *Listed or labeled equipment shall be used or installed in accordance with any instructions included in the listing or labeling.*

The text in this sub-section has remained unchanged all the way through the 2014 issue of the NEC. Section **110.14 Electrical Connections** is specific to the requirements electrical connections, terminals, splices, etc. The text in this sub-section has only had minor changes in the same time period as 110-3 above. By virtue of the fact that torque values have been a part of the installation instructions for almost every listed or labeled device or component we have ever installed, the requirement to have the connections torqued to the proper value has been a requirement for over 40 years. Very few inspectors have made attempts to inquire of the electrician about the torque methods used. We have always had a policy to ensure that at least all of our larger connections, (Switchgear bussing, busways, large conductors, etc.) are torqued and marked during installation but haven't given much thought to smaller connections. In addition, the use of an actual torque tool to make connections was assumed but not specifically required.

In the 2017 NEC, the requirements have changed. Revised text and new sub-section **(C)** have been added to **110.3** regarding listing and labeling. Section **110.14** now has a new sub-section that reads:

(D) Installation. *Where a tightening torque is indicated as a numeric value on equipment or in installation instruction provided by the manufacturer, a calibrated torque tool shall be used to achieve the indicated torque value, unless the equipment manufacturer has provided installation instructions for an alternative method of achieving the required torque.*

What that means to us as an electrical contractor, is that we now are *required* to use a calibrated torque tool to make every connection including wiring devices, circuit breaker lugs, etc. Virtually every connection you can think of has to be made using a torque wrench, screwdriver, nut driver, etc. The International Association of Electrical Inspectors IAEI is working with inspectors nationwide on how they will eventually enforce this rule. There are at least two jurisdictions in Alabama that have already adopted the 2017 code and are starting to figure out how to make sure contractors are following the rule. Bright Future management is working on the logistics on where to get tools, how to document the values, and training. You will hear more from management in the near future.



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**Bright Future Electric, LLC
3420 Richard Arrington Jr Blvd N.
Birmingham, AL 35234**

