



CONSTRUCTIVELY SPEAKING



TNANG Hangar Project Concludes

Renovations are complete on a 36,908 square-foot aircraft maintenance hangar for the 134th Air Refueling Wing (134 ARW), a unit of the Tennessee Air National Guard, stationed at McGhee Tyson Air National Guard Base, in Knoxville, Tenn.

Scope of work included sustainment of interior walls, ceilings, sound attenuation, internal and external durable surfaces to include roof and exterior metal panel wall replacement, repairs to facility paint, floor coverings, millwork, caulk, protective coatings, wall systems and hangar door structure.

Due to a high degree of required coordination and expertise among various trades, J&S Construction® was also contracted to remove the existing fire suppression system and install a new low-level High Expansion Foam System. Many flammable liquids cannot be controlled or put out by a traditional sprinkler system. Foam fire systems are able to separate fuel from air, making them the best fire protection system for companies that handle or processes flammable liquids, including gas and oils.

This new foam system is designed to provide uniform distribution of foam over the protected area and conform to the latest National Fire Protection Association standards. In addition to being the recommended fire suppression system for a number of businesses, a foam fire suppression system is ideal for large areas that need to be filled quickly in case of a fire emergency. Because a high-expansion foam spreads rapidly (and can expand up to 1,000 times its original size), it can swiftly cover a bigger space in need of fire suppression. High expansion foams are best suited for three-dimensional fires, but they also are utilized to suppress liquid spill fires.

This contract required that construction comply to the Air National Guard (ANG) Sustainable Design Policy with a design goal of ANG Meritable which is modeled after U.S. Green Building Council's LEED® certification process.

One theme remained important to 134 ARW: the branding identity of the Volunteer State. In transferring from the 'Orange Hangar' to the current design, it was requested to incorporate the iconic checkerboard orange onto the exterior of the facility.

With the company having completed more than 15 projects with the TN National Guard over the last decade, this contract marked J&S Construction's first pairing with the 134th Air Refueling Wing.

J&S Construction Heads to Asheville

With more than 400 locations across the U.S., Johnstone Supply, Inc., the leading cooperative wholesale distributor in the HVACR industry, continues to see growth in its business and has partnered with J&S Construction for another facility expansion.

Design services are complete and J&S Construction will soon travel to Asheville, N.C., as construction is slated to begin mid-January.

The 2,160 square-foot building addition will provide additional warehouse space for the client's growing business while also fitting within the property constraints without disrupting existing customer parking.

The construction materials will consist of reinforced concrete foundations and slab on grade, pre-engineered metal building with standing seam roof and metal siding. Given the use of the expansion, no new mechanical systems are required to be installed.

The building expansion is designed so that the existing overhead door will now function as the interior framed opening between new and existing buildings.

In order to help minimize costs for the Owner, J&S Construction will reuse the existing overhead door within the new addition to serve as the new customer load out area.



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Design Efforts Nearing Completion for Local Children's Home

J&S Construction recently teamed up with Mustard Seed Ranch (MSR), a community-sponsored, interdenominational Christian ministry designed to take children out of unsafe environments and place them into loving, nurturing homes, and the company will be providing architectural drawings for a new family home to be constructed at MSR's campus just north of Cookeville.

J&S Construction is donating all fees associated with the in-house architectural design for this large residential home as MSR looks to break ground this coming spring on the approximately 6,800 square-foot facility specifically designed to house multiple children in a cozy, residential setting.

The new home will have enough space for one set of house parents as well as eight to nine children depending on the organization's current needs. The house will include 10 bedrooms, six full-size bathrooms, a large kitchen, several large gathering spaces, a large patio and a large wood deck located off the rear of the home. In addition, the basement will provide the family additional space for a two-car garage plus another large gathering area, giving MSR the option to expand should future rooms need to be added.

The wood-framed facility will include a full brick veneer exterior and a premium shingle roof system and is designed to meet all state regulations which includes a full fire sprinkler system, fire walls and all required egress.

MSR holds a special place in J&S Construction's heart as the company donated the materials and furnished the labor to erect MSR's administrative building in celebration of J&S Construction's 50th anniversary back in 2007. Safety, functionality and energy efficiency all come together to make this a special home for the next family at MSR.

"J&S Construction has been an outstanding community partner for Mustard Seed Ranch since the beginning," said Tammy Depperschmidt, MSR executive director. "We are blessed beyond belief to join with them again as we expand the mission of MSR by adding these additional homes for hurting children."



WHAT WE ARE ALL ABOUT


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November 6, 2017

J&S Construction Company
 1843 Foreman Dr
 Cookeville, TN 38501

ATTN: Jack R. Stites

Re: Ealey Construction Project 2017

Dear Jack,

I wanted to write you to express our appreciation for the fantastic job your company did for me earlier this year.

My father had passed away in August 2016 leaving me with the responsibilities of disposing of his house and property. The house was listed with real estate in November of 2016. Sometime in spring of 2017 I had reached an agreement with a purchaser for the property and we were awaiting finalization of the terms of our agreement when the house was hit by a tremendous storm on Memorial weekend resulting in over \$36,000 in damages with a pending contract to close on August 1.

J&S Construction Co. was recommended to me because I was told you could do it all. I met with Gary Young and Terri Phillips employees of your company and expressed my concerns of dealing with this devastation. I was assured by Gary that he would get it done for me. Not only did he and Terri have to deal with me but they also had to deal with the insurance adjuster, the insurance company, the real estate agency, and the new buyer, and his agent to complete all the repairs to everyone's satisfaction for the August 1 closing date. I knew this was going to require a major commitment on the part of Gary and Terri to make this successful. To my amazement they were there every step of the way reassuring me and going beyond their responsibilities to put an end to this very difficult situation I was dealt. Even on the day of closing on August 1, 2017 Gary and the J&S crew was there for me reassuring they would take care of any complaints and last minute issues that popped up before closing.

J&S Construction, Gary and Terri, pulled off the impossible and ended my nightmare, they shouldered the majority of the burdens. Thank goodness J&S was there for me. I will always be grateful for their commitment, devotion, and determination.

Please feel free to use me as a reference in the future.

kindest regards,

 Dan Ealey

Demanding Site Work a Must in a Growing Economy

As the Nashville region continues to grow by an estimated 100 people per day, the need for retail and office space as well as residential homes continues to increase at an overwhelming pace.

Grading work is underway as J&S Construction is preparing a site development for future retail and office space totaling more than 22,000 square feet in the Goodlettsville, Tenn., area.

This site work phase includes removal and demolition of an existing house and driveways, clearing of all trees and underbrush, mass grading of the site to prepare for building pads for the next phase of construction, and installation of storm sewer infrastructure, water lines, sanitary sewer, irrigation lines and fire lines. New sidewalks will be poured along the perimeter of the site as well as laying new asphalt parking areas with stone base to accommodate the client's future needs. J&S Construction will also install a gabion wall, a retaining wall made of stacked stone-filled gabions tied together with wire.

J&S Construction currently has several contracts in the Nashville area to prepare sites for this staggering growth and welcomes the opportunity to assist anyone looking to build on challenging sites.

J&S Construction Employees Recognized

J&S Construction recently hosted its annual Employee Celebration to commend all employees for their hard work and dedication throughout 2017. The event included service awards, fun and games with various prizes, as well as the announcement of the company's most coveted honor, the Founder's Diamond Award.

Larry Fuell, an assistant field manager who has been employed with J&S Construction since January 1999, was honored by the J&S Construction management team in front of fellow co-workers.

Larry and his wife, Connie, will be treated to an all-expense paid trip to Cancun, Mexico, with additional spending cash provided as well as one week of paid vacation.

The Founder's Diamond Award was established in 2004 in honor of J&S Construction Founder, John D. Stites Sr. Nominees of this award must exhibit the following characteristics in the workplace: thinker, learner, honest, humorous, humble and unselfish. The award is tallied from votes which are collected from all field and office employees.

A few comments the voters provided about Larry:

- When I was going through a difficult time, he would call or text me every week to make sure I was ok. He even offered to help me pay the bills.
- If he tells you something, you can bank on it.
- Studies the work habits of crew around him to learn a better way to get more production.
- He stays up to date on the latest in construction techniques.
- He is a good teacher.

"I can't think of a more deserving person to win this award," said Jack Stites, CEO. "Larry is one of the most honest people I know, and I am proud the employees voted for such a fitting person."



J&S Construction veteran, Larry Fuell, poses with Josh Stites, president, after being named 2017's Diamond Founder's Award Winner.

Years of Service



45 years of service: Emma Jean Puckett



30 years of service: Danny Hatfield



10 years of service, left to right: Dave Robinson and Patrick Caughey



Five years of service, left to right: Buford Cole, Anna Dilts and Bryan Cole.

All in the Family Birthdays

January

Larry Thompson.....	1/1
Hap Salyer.....	1/1
Ivah Reels.....	1/13
Robert Bean.....	1/22
Skip McDonald.....	1/22
Terry Garrett.....	1/24
Michael Bradley.....	1/25

February

Scott Dowdle.....	2/7
Matt Daugherty.....	2/10
Ben Salyer.....	2/13
Tom Thompson.....	2/13
Jimmy Smith.....	2/19
John Adams.....	2/26
Freddie Miller.....	2/27

March

Marty Jackson.....	3/1
Anna Dilts.....	3/10
Patrick Caughey.....	3/17
Lucas Smelt.....	3/19
Johnny Foust.....	3/27
Andy Stites.....	3/30
Jack Stites.....	3/30

Anniversaries

Suzanne and Hap Salyer.....	1/1
Mary and Jack Stites.....	1/4
Lindsey and Ryan Morris.....	1/6
Aurelie and Marty Jackson.....	1/7
Terri and Tyler Phillips.....	1/18
Jensen and Brian Rohr.....	2/13
Sandy and Gary Young.....	2/16
Kim and Ron Reading.....	3/17
Vicky and Buford Cole.....	3/21

Congratulations for Births:

Kathy and Tom Thompson - Granddaughter

Born Oct. 28, named Anna Maria

Stephanie and Andrew Scarborough - Daughter

Born Nov. 9, named Nora Lee

Why TEAM-BUILD?

J&S Construction's Design-Build concept is based on a TEAM approach:

Together **E**ngineers **A**rchitects **M**anagers

All design and construction services are wrapped up in one contract, providing a **single source** of responsibility with diversified perspectives from all TEAM members.

Early cost is determined to ensure project is **within budget constraints**.

Design and pricing phases are synchronous, allowing **construction to start 20% sooner** than traditional delivery systems.

Final accountability is placed with J&S Construction as the leader of the TEAM-Build delivery system.

Numbers Matter:

Metric	TEAM-Build vs. Design-Bid-Build
Project Cost	6.1% lower
Construction Speed	12% faster
Delivery Speed	33.5% faster
Cost Growth	5.2% less
Schedule Growth	11.4% less

Source: Construction Industry Institute (CII)/Penn State research comprising 351 projects ranging from 5K to 2.5M square feet. The study includes varied types and sectors.

A Humble Man of Faith Facing Evil

Dietrich Bonhoeffer was a German pastor and theologian who, under Nazi dictatorship, also became a spy, an anti-Nazi dissident and a founding member of the Confessing Church. Bonhoeffer is also known as an author and has written numerous books about the Christian's role in the secular world.

In 1933, there were 45 million proclaimed Protestants residing in Germany with a total population of 65 million. The Protestants had the ability to change the course of history with their majority status. Unfortunately, the majority of Protestants voted for the Nazis in the elections of 1932 and 1933. A few Protestant ministers, including Bonhoeffer, objected to the rise of Nazism as they thought only Christ should have the total allegiance of each person, not the state.

Bonhoeffer strongly opposed Hitler's euthanasia program as well as the genocidal persecution of the Jews. He was ultimately arrested in 1943 for his involvement in helping Jews flee Germany. He was also accused of being associated with the plot to assassinate Hitler and was later executed in 1945, just one month before Germany surrendered.

Bonhoeffer believed the central core to the Christian's belief was the example of Christ, in whom God and the world are reconciled. He felt that the church must preach allegiance to Christ foremost. He argued that Christians should not retreat from the world but act within it.

Bonhoeffer's life offers us an example of how to live in a fallen world as one who has been redeemed.

How can the life of Dietrich Bonhoeffer spur us on to live more like that of Christ? How can we imitate him in the culture in which we live, so that others might come to know the goodness and love of the God who desires to reconcile the world to himself?

"Silence in the face of evil is itself evil: God will not hold us guiltless. Not to speak is to speak. Not to act is to act."

Dietrich Bonhoeffer

Content inspired from a weekly company devotional led by J&S Construction Architect, Phil Adams.

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