



Western Allied
MECHANICAL

SHOP TALK

SPRING 2020



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Letter From a Principal

**Zachary Russi, P.E.,
President**

2019 was an exciting and busy year for WAM. Looking back, I feel that it was not only a big growth year from a revenue perspective (this was the first year we broke 100 million in total volume), but we also spent the time defining our core values and vision.

We know that WAM is growing and with that growth comes change. We wanted to keep the essence of WAM as we grow and keep the same “family feel.” The core values were derived from input from our employees, trade partners, and clients to define our most important attributes. We also had a marketing team re-design our logo and website. If you haven’t seen the new website, go to www.westernallied.com. Yindy, Jeremy, and Joe spearheaded this work and did a fantastic job!

Now I want to show you how we are using those core values to drive us into the future.

Driven by Innovation

We are investing in modernizing our shop and have purchased a new Bystronic laser table that will allow us to cut ductwork off-hours (lights-out) so we can have ductwork ready for fabrication in the morning. We will eventually have automated towers that stack material and ready our shop staff for the next day. Our goal is to have our shop personnel shift into more prefabricated assemblies so we can install faster in the field. We are also investing in a coil line, water jet, gore locker, and automated robot welder for piping prefab.

Grounded in Care

It gives me great joy to brag about our people. We have a group that shows great care to each other, our trade partners and clients, and the community. I wanted to highlight Mike Aurelio. My son Payton had expressed a desire to learn to weld. I asked Mike if he might be willing to let us hire him to teach Payton for an hour a week after work. Mike spent many sessions of his own time teaching Payton to weld and would not accept payment. Payton learned a ton and fabricated a rocket stove. Payton’s future may be in the trades and Mike went above and beyond to give him some training. There may be a future where SMACNA contractors and the trade unions collaborate to put classes together to train our youth that sees the trades as a career path. Thanks Mike!

Dedicated to Teamwork

We saw a need in our service group for experienced project management and were having trouble finding that from the outside. Greg Russell, a Sr. Project Manager on our construction team, came to us with extensive experience in service project management and we thought he would be a good fit for the position. As we want to grow our service group we asked if he would be willing to shift to service and he emphatically accepted, “Anything that I can do to help the company.” It is a big change and we thank Greg for his dedication to teamwork and Western Allied Mechanical.

I am so proud of the team we have here and look forward to our future together! Thank you for all you do to make Western Allied such a great company!



**Zachary Russi, P.E.
President**

Annual WAM Picnic

Angie Simon



Our annual WAM picnic was held last September at Emerald Green Park in Dublin. The weather was beautiful and the food was great - the ice cream tacos were a treat! The games were so much fun for both the kids and the adults. The corn hole tournament was a huge hit! Congratulations to all who participated and especially our champions - Daniel Ortiz and Suraj Thapa. The raffle had many winners with some great prizes. Overall it was a wonderful afternoon.

I want to thank everyone on the Picnic Committee and all volunteers, as it takes a big team to throw such a great event. The work put in by all of our volunteers was enormous and I greatly appreciate the dedication and passion they had to make this an enjoyable event.

This year's picnic will be held in October - stay tuned for more information!



Healthy Handwashing

Sallie Chikas



Handwashing is one of the best ways to protect yourself and your family from getting sick. You can help yourself and your loved ones stay healthy by washing your hands often, especially during these key times when you are likely to get and spread germs:

- Before, during, and after preparing food
- Before eating food
- Before and after caring for someone at home who is sick with vomiting or diarrhea
- Before and after treating a cut or wound
- After using the toilet
- After changing diapers or cleaning up a child who has used the toilet
- After blowing your nose, coughing, or sneezing
- After touching an animal, animal feed, or animal waste
- After handling pet food or pet treats
- After touching garbage

Follow Five Steps to Wash Your Hands the Right Way

Washing your hands is easy, and it's one of the most effective ways to prevent the spread of germs. Clean hands can stop germs from spreading from one person to another and throughout an entire community—from your home and workplace to childcare facilities and hospitals.

1. Wet your hands with clean, running water (warm or cold), turn off the tap, and apply soap.
2. Lather your hands by rubbing them together with the soap. Lather the backs of your hands, between your fingers, and under your nails.
3. Scrub your hands for at least 20 seconds. Need a timer? Hum the “Happy Birthday” song from beginning to end twice.
4. Rinse your hands well under clean, running water.
5. Dry your hands using a clean towel or air dry them.

Healthy Handwashing (*Continued*)

Use Hand Sanitizer When You Can't Use Soap and Water

Washing hands with soap and water is the best way to get rid of germs in most situations. If soap and water are not readily available, you can use an alcohol-based **hand sanitizer** that contains at least 60% alcohol. You can tell if the sanitizer contains at least 60% alcohol by looking at the product label.

Sanitizers can quickly reduce the number of germs on hands in many situations. However, Sanitizers do not get rid of all types of germs.

- Hand sanitizers may not be as effective when hands are visibly dirty or greasy.
- Hand sanitizers might not remove harmful chemicals from hands like pesticides and heavy metals.

How to use hand sanitizer:

- Apply the gel product to the palm of one hand (read the label to learn the correct amount).
- Rub your hands together.
- Rub the gel over all the surfaces of your hands and fingers until your hands are dry. This should take around 20 seconds.

Caution! Swallowing alcohol-based hand sanitizers can cause alcohol poisoning if more than a couple of mouthfuls are swallowed. Keep it out of reach of young children and supervise their use. [Learn more here.](#)

For more information on handwashing, visit CDC's [Handwashing website](#) or call 1-800-CDC-INFO.

Hazards We Face Every Day

LeeRoy Young



We here at Western Allied face dangers every day that most people never see. In construction there are many hazards that most people don't even think about, but we all must be aware of these hazards so we can return home safely each night. The top four work hazards that cause the highest number of injuries and deaths are called OSHA's Focus Four. **They are falls, electrocution, struck-by object, and caught-between.** We as owners, managers, and workers need to be aware of these hazards to ensure the best safety culture we can provide. Below is a highlight of each of these and how we can prevent them:

FALL HAZARDS

On most construction sites, there is no greater chance of death or serious injury than when working at height. A worker is at risk any time they are working at a height of four feet or more. OSHA generally requires that fall protection be provided for an employee working at a height of **six feet in construction**. However, regardless of the fall distance, fall protection must be provided when working over dangerous equipment and machinery. The importance of fall protection cannot be stressed enough.

Each year, on average, between 150 and 200 workers are killed and more than **100,000** are injured as a result of falls at construction sites. The three generally accepted methods of protection for workers on a construction site who are exposed to vertical drops of six feet or more are:

- **Guardrails** are considered prevention systems, as they stop the employee from having a fall in the first place.
- **Safety net systems** are designed to catch the employee and break their fall. They must be placed as close as attainable under the working surface, but never more than 30 feet below.
- **A personal fall arrest system** consists of an anchorage, connectors, and a full-body harness that work together to break the employee's fall.

ELECTRICAL HAZARDS

An average of 143 construction workers are killed each year by contact with electricity. The number of deaths by electrocution clearly shows that exposure to electricity is a major hazard to construction workers. Electrocution results when a person is exposed to a lethal amount of electrical energy.

The major types of electrocution incidents come from:

Hazards We Face Every Day *(Continued)*

- Contact with overhead power lines.
- Contact with energized sources (e.g., live parts, damaged or bare wires, defective equipment or tools).
- Improper use of extension and flexible cords.

Here are just some of the things we can do to better protect against electrocution hazards:

- Locate and identify utilities before starting work.
- Look for overhead power lines when operating any equipment.
- Maintain a safe distance away from power lines; learn the safe distance requirements
- Do not operate portable electric tools unless they are grounded or double insulated.
- Use ground-fault circuit interrupters for protection.
- LOCK OUT TAG OUT!

CAUGHT-IN / BETWEEN HAZARDS

Events (examples) that should be classified as caught-in include:

- Cave-ins (trenching)
- Being pulled into or caught in machinery and equipment (this includes strangulation as the result of clothing caught in running machinery and equipment).
- Being compressed or crushed between rolling, sliding, or shifting objects such as semi-trailers and a dock wall, or between a truck frame and a hydraulic bed that is lowering.

To prevent caught-in / between hazards:

- Use machinery that is properly guarded.
- Use other methods to ensure that machinery is sufficiently supported, secured or otherwise made safe (e.g., de-energize equipment and use lockout / tag-out and block-out procedures).
- Use protection to prevent from being pinned between equipment, materials or other objects.
- Avoid entry and working in unsafe excavations and only after inspection of a competent person.
- Seek and take advantage of safety training opportunities.
- Take extra precautions and considerations before entering confined or enclosed spaces.

Over the past few years we have been very lucky, as we have had a few close calls. As a team, we need to continue to work hard on our safety culture to minimize our numbers here at Western Allied Mechanical. We need to look out for our Western Allied family members so we all can return home safely every day.

IoT & Home Automation Part II-Wireless Routers

Matthew Schmuck



The IoT market for home devices is booming. At the core of all IoT devices for home automation is your wireless router. Purchasing a home wireless system that fits your needs, speed, coverage and total connected devices are the questions you will want to answer before purchasing a system.

Let's talk speed. All current wireless routers have adequate speed for basic home use. Most home wireless routers are much faster than your internet connection. The wireless router speed ratings are addressed in the actual wireless technology you will use. 802.11ac and 802.11ax are the industry standards designation and are directly related to speed and total connections. "AC" is known as WiFi 5, and "AX" is WiFi 6. WiFi 5 has been around for a bit and WiFi 6 is the newer standard. Only a few devices support WiFi 6 at this time.

Unfortunately, most wireless router manufacturers use marketing terms and numbers that are not what we see in real life installations. For example, the AC2600 router is listed as providing 2600 megabits per second or 2.6 gigabits per second speed. In fact, the routers available with this designation get nowhere near this speed. It's just marketing speak.

Recommendation: At this time, I would get a WiFi 6 capable router even though most of your devices may not support this yet. They are backward compatible with WiFi 5 but be sure and double check this. Although WiFi 5 routers are cheaper and provide enough speed for the average home.

Let's talk coverage. Most of our homes may be a problem for a single wireless router to cover all areas. The signal from a wireless router flows out like a doughnut. If your router is located in the corner of your home, you are losing a lot of signal not going into your home. When we discuss coverage the technology behind this is the wireless radio bands being used. 2.4GHz and 5GHz are the current two options. 6GHz is being discussed but is not ready yet. 2.4GHz is the old band and is better at moving through walls thus giving you further coverage around your home. Walls, doors, and windows impede radio signals. This band has issues with other devices that use 2.4GHz like old phone systems and microwave ovens. The 5GHz band was introduced to get around competing signals, but this band is not very good at moving through walls, doors and windows. Most new devices are 5GHz and can drop to 2.4GHz when needed.

The most popular approach to extend coverage is to install wireless boosters known as wireless mesh pucks. These devices will take a current wireless signal from your current wireless router and boost it further out. Note, each wireless signal that gets boosted drops to half the speed of the original signal. Normally this will be fine and the extra coverage you get is worth it. The boosters must be able to get a good signal from the main router to be able to boost it further out. Don't forget most homes will want coverage outdoors also for security cameras, doorbells, speakers and grills.

IoT & Home Automation Part II-Wireless Routers (*Continued*)

Recommendation: I would invest in boosters to help push your signal to all areas of your home. If you happen to have a very large home or perhaps a home with dense walls that impedes signal strength you may need two full wireless routers and boosters. Of course, the full wireless routers must be wired to your main router. The boosters just plug into any wall outlet without network cables.

Finally, lets discuss just how many devices your wireless network can support. As a rule of thumb, you should think about 5 devices per person in your household. Really? Yep! Let's take a look. I have a phone, a smart watch, a laptop, an iPad, I watch TV from a Roku connected to my TV. My three other TV's all have Roku's, my Google Home Assistant, smart plugs and lights...etc. So, a family of four will have at least 20 devices, probably more. Don't forget, cameras, outdoor speakers, door locks, thermostat and thermostat sensors, game consoles... these days the list goes on and on. For each wireless router you should have 20 or less devices, same for each booster. If your wireless router or booster exceeds 20 devices, then you will start to see speed problems on your wireless network. My home has a wireless router and two boosters, so if separated correctly I can manage 60 total devices before starting to see wireless speed issues. WiFi 6 can handle more devices than 20 per router/booster, but most of our wireless gadgets are not WiFi 6 capable. Only new cell phones and new laptops will be WiFi 6 ready at this time.

Recommendation: Try and size out how many wireless routers and boosters you will need based on total wireless connected devices you have around your home. It is also important to place the boosters strategically to cover all areas of the home and devices.

If you can solve the wireless network issues listed above your IoT devices will love you. Wireless connectivity issues are the main complaint we hear these days. Here are a couple of tips:

- Don't stash your wireless router in a closet or other enclosure. You will lose some signal strength. Folks tend to want to hide them.
- If possible, locate your main wireless router centrally in your home. Not in a corner of your home. You are losing half the signal coverage into the outside wall.
- Your internet connection speed from your ISP will most likely be way slower than the in home WiFi you have. Make sure you have enough bandwidth to the internet.
- WiFi routers like all other computer equipment need updates from time to time. Find a router that can perform automatic updates without your intervention. One of the reasons I like Eero.com wireless routers and mesh pucks. Also very easy to install.

Always change the factory default passwords on your routers to something private. Write them down so you don't forget them.

Procore: An All-In-One Construction Management Platform

Angie Simon



Procore is an all-in-one construction management platform that Western Allied Mechanical has embraced for our construction projects to handle the project information flow. All new construction projects in 2020 will be managed in Procore. The purposes and advantages of this software are:

- Reduces paper usage – going digital
- Access all project documents on a phone, tablet or computer
- Share photos from the jobsite instantaneously
- Daily logs accessible to all – no need to download and then re-upload.
- Document control – see the following:
 - Easily share the most current drawings, submittals and other job documentation
 - Collaborative live markups between field and office
 - Automatically slip sheet new drawings, old drawings are marked as not being current
 - Comparison between new and old drawing
- Will replace Box as a file storage mechanism
- Will integrate with our accounting system so the ultimate goal is to have reports available for all top executives on status of jobs. Financials can be reviewed along with productivity.

Procore will help us manage all of our bids in the near future as well. This will make it easier when we land a project to transfer the data to the project.

Joe Chin and Jim Jeffrey are our two leads on the conversion of all construction jobs. If you have any questions on Procore, they will happily help you.

Crockpot Extravaganza

Diana Kadash



We held our 11th Annual Cook-Off challenge on December 12, 2019. This year we had a “Crockpot Extravaganza,” which was defined as anything you can make in a Crockpot!

The participants were judged in three categories: best overall, most creative, and best presentation.

The overall winner voted on by all employees, and winner of the “People’s Choice” award was Aaron Skiver for his Roasted Red Bell Pepper, Anaheim Chili, Sweet Corn Chowder!! Most creative was given to Cinthya Carrillo for her yummy Bacon Jam. The best presentation was awarded to Colton Johnson for his Swedish Meatballs on mashed potatoes with Swedish flag toothpicks!!

Thank you also to Mary Hanlon, Vanessa O’Connor, Rob Kintz, Chris Uribe, Kenny Baguio, Harvey LaFlamme, Dawn Hahn, Sarah Anderson, R.J., Rushang Shah, James Imbruglio and Duncan Green for your participation. Each of your dishes was unique and so delicious!

Special thanks to WAM Management for supporting the cook-off for the past 11 years.

Fight for Air Climb

Dawn Hahn



For the third consecutive year, a group of WAM employees banded together to form ‘Donna’s WAMers’ with the goal of raising funds for the American Lung Association and conquering the 52-story Fight for Air Climb. This year’s event was slated to take place on March 7th in downtown San Francisco.

Unfortunately the event was cancelled. This decision was made by the American Lung Association after much deliberation with volunteer and senior leadership and with the knowledge that the State of California and San Francisco County declared states of emergency to prepare for any future developments with the Coronavirus. The health and well-being of Lung Association event participants, volunteers, staff and partners is always a top priority for the Fight for Air Stair Climb. The American Lung Association is especially sensitive to the health of those with lung disease who may have planned to attend the Climb.

We appreciate the WAM team efforts in fundraising and training for this event. We are proud to say that ‘Donna’s WAMers’ was one of the top fundraising teams and our team was the biggest to date with 37 participants. The funds raised will be used toward achieving the mission of the American Lung Association, including, research, education and advocacy efforts for lung health right here in the Bay Area. Management congratulates all ‘Donna’s WAMers’ for their efforts and spirit in the fight against lung disease!

If you were a registered team member, your 2020 registration fee may be used toward your registration for the 2021 San Francisco Climb. You will receive an email from the American Lung Association containing a code for your use very soon.

Employee Interviews



Justin Young

Head of Shipping & Receiving

Justin joined Western Allied 13 years ago through his uncle, who was a sheet metal foreman at WAM at the time. Before coming to Western Allied Mechanical, Justin was ready to join the Air Force, but the prospect of a stable, full-time job changed the course of his future. Justin is now the head of our Shipping & Receiving Department since March 2019. He really appreciates the culture of support around him and that everybody is willing to help each other out when push comes to shove. This starts from ownership down to his team in the S&R Department. In Shipping & Receiving, Justin is at the heart of our business. He is committed to getting the field whatever they need when they need it, and he inspires his team to do the same. Born in Hayward and raised in Modesto, he has settled down with his own family in Modesto with his wife of 13 years, Erin, and his three children – his daughter Julia (15 yrs), son Ethan (12 yrs), and baby girl Jaelyn (2 yrs). At the end of the workweek, Justin and his wife will often spontaneously pack up the trailer and head out to the lake with the family. He treasures his time with the family enjoying the outdoors together – camping, boating, jumping off rocks and just hanging out. Dedicated to doing his best at work and his best at home, Justin works hard to keep a healthy balance.



Mark Nelson

Service Technician

To know Mark is to know that he's a man on the go! Even though he's our most senior Service Technician, he is the tech that has worked the most overtime hours than anyone! Why? Because the man likes to keep moving and working. Mark has been in the HVAC industry for about 24 years and with Western Allied for more than 8 years, but it feels like he's been here much longer in the way that he demonstrates the WAM way. He appreciates the family-oriented environment created by the ownership and the trust that the company puts into its employees. Born and raised in the Bay Area, when Mark was a young man, he was taught by his father to "work hard and be better than the next guy." That work ethic is very important to him, and he is passionate about training the next generation in the same way. Mark has been a member of the Joint Apprenticeship Training Committee with Local 467 since 2003. Through his involvement with the union, he participates in interviewing potential new apprentices and accepting them into the apprenticeship program. Mark has two grown sons who live in Northern and Southern California, respectively. Mark used to enjoy running marathons in his free time. Nowadays, in his free time (when he has it,) Mark is into cars and trucks. He loves to work on them and drive them. It shows from his work to his personal hobbies, Mark likes to GO GO GO!



Jennifer Arellanes

Project Manager

A San Diego native, Jennifer went to college at Cal Poly San Luis Obispo and majored in Mechanical Engineering with a concentration in HVAC. During her senior year, Jennifer studied abroad in Stockholm, Sweden where she enjoyed traveling across Europe.

Jennifer first joined us at WAM as an intern in 2014 and again in 2015. In 2016 Jennifer started full time with Pete Kelly's Project Management team. She enjoys WAM's family environment and flexibility to try new things. Jennifer helps run the WAM intern program and helps coordinate intern hiring and education.

Her hobbies include baking, cooking, and hiking. She enjoys trying new recipes and welcomes new dinner recipe suggestions. Jennifer hopes to travel one day to Portugal to see the historical landmarks, but most importantly try their delicious custard pies. Fun fact: Jennifer has a black belt in taekwondo.

Employee Interviews (*Continued*)



Sandy Yu

Senior Design Engineer

Sandy was born in Hong Kong, where he grew up until high school and moved to Taiwan. He got his Bachelor's Degree in Mechanical Engineering from the National Taiwan University.

After graduating from college, Sandy had a colorful career around the world. From working for HVAC companies in Taiwan to semiconductor manufacturers in the bay area, and architecture firms in Pennsylvania - Sandy's career has taken him all over the globe until finally arriving at Western Allied in 2012. Since then, Sandy has been a senior design engineer in our Engineering Department. WAM's family-friendly environment is one of Sandy's favorite things about WAM.

Sandy and his wife Connie have been married since 91', over 28 years! Together they have a son named Alex. Sandy enjoys watching tennis and playing ping pong. He's a fierce competitor at WAM's March madness ping pong competition every year. Sandy also enjoys traveling. His favorite location to visit is Yellowstone National park.

Annual Safety Meeting Recap

LeeRoy Young



A new location and another wonderful morning with the Western Allied family for our Annual All Hands Safety Meeting, held at the Marriott Silicon Valley in Fremont. After fighting the flu bug in 2019, Pete Kelly returned as our master of ceremonies. All the fun began with thanks to the Safety Committee for all the hard work the group has put in over the past year.

This year we had two guest speakers, one an old friend from Zurich, our insurance company, Thomas Glynn and the other from The American Heart Association, Jennifer Smutz. Thomas Glynn discussed the new requirement hitting in 2022 on aerial lifts and Jennifer covered hypertension and high blood pressure in the construction industry. The American Heart Association also provided testing equipment that allowed members of Western Allied to check their blood pressure at the event.

We recognized our long term employees for their years of hard work with the company: James Cordell, Dustin Billberry and Aaron Stender all with 10 years; Yindy Felkins, Daniel Wong, Gary Partin and Noel Jucaban with 15 years. The last three people to be awarded had 65 years combined. Larry Coakley and Bob Dills celebrated 20 years and Ken Kalning with a whopping 25 years with the company. We also introduced our new employees to the team.

Pete Kelly reviewed our vehicle policy changes and also discussed the importance of dash cams and GPS monitors on our company vehicles. Pete reviewed our accidents and discussed the importance of safety as a WAM culture. Larry Coakley and Daniel Wong reviewed the features and benefits of DoneSafe. They also did a demonstration of the user interface.

As the Safety Director here at Western Allied, the best part of the Safety meeting is hearing that our Insurance Modification Rate and Incident Rates continue to improve each and every year. For that we are thankful to all our employees who work hard at keeping every person safe each and every day.



As we embrace our vision for Western Allied going forward, management will highlight employees that exemplify our company core values in this section of the newsletter.

Driven By Innovation

Thank you for stepping into our emerging controls group to engineer our controls with our new Honeywell Ciper control line. We appreciate your dedication to our team!

Chalini Ekanyake, Design Engineer

Grounded in Care

North River Service Client had this to say about Noel: "Noel, you truly have a gift when it comes to problem-solving. You make it seem easy! What would we do without an HVAC guy like you? Thanks for everything."

Noel Jucaban, Service Technician

Dedicated To Teamwork

Dome Construction had this to say about our Verily Team: "I just wanted to drop you a quick note in thanks. We are in the home stretch at Verily and Western Allied Mechanical really gave us an A team from top to bottom. Lisa Oneto and Nick Werner have been absolute rockstars the entire project and have gone the extra mile to be accommodating of added scope and partnering with us through some of the last-minute changes from Google.

The foreman team (Charles Montgomery, Larry Coakley, Ricardo Neri, and Ed Collondrez) has also been top-notch - coming to the pull planning sessions, maintaining bi-directional accountability and most importantly executing high-quality work with a great attitude.

Again, not telling you anything that you don't already know but I wanted to spotlight some excellent people that I am looking forward to working within the near future!"

Verily Construction Team

Recognition for WAM Team Members Going Above and Beyond



Thank you to **Mahend Kumar, Adam Weber, and Josh Edwards** and their crews for sacrificing your weekends and working long hours out at many of our projects at 1221 Broadway to ensure the project is successful. Our client is very happy with the service that WAM has provided and looks forward to working with our team on future projects.

Vanessa O'Connor for going above & beyond by putting in many late nights to assist the team through smoke control testing on our recent Gritstone Oncology project. She took lead and worked well with WAM startup, the controls contractor, and fire alarm contractor to work through some issues to ensure everything was working properly.

Kudos to **Spencer Reese** for reaching out to our Sexual Harassment trainer to connect her with Local 467 in hopes of connecting young adults transitioning out of foster care into the skilled trades/workforce. Your commitment to caring is most appreciated by WAM Management!

"Just wanted to let you know how awesome **Barb Eldridge, Kelsey Frame** and **James Keen** are!! I call, or text and always get the best service! They so deserve accreditation for the work they do! I can't say enough how much they do a great job." - Personalis Service Client

Thank you very much to all of the crews that worked on the **Stanford Herbert Hoover AHU Replacement** project. With your hard work and long weekends, Western Allied Mechanical was able to perform a very complicated project on time, on budget, and with minimal impact to the VIP occupants of the building. WAM was able to complete another project that others thought was impossible!

Kiley Johnson worked with Dodge Analytics on "**The Business Value of BIM for Mechanical and HVAC Construction (pdf)**" report to be one of the case studies that they used – see pages 56 and 57. It is a nice write-up and WAM truly appreciates the time that Kiley took to interact and share with the reporter. **It is great PR for WAM!! Thanks Kiley!**

Celebrations



Baby Announcement

Benjamin Mordechai Wong

Congratulations Wong Family! On Friday November 22, at 5:26am, Daniel and Natalie welcomed Benjamin (Binyamin) Mordechai Wong to the world. Both baby and mom are in good health.



Thank you and Farewell to Joseph Selva!

After six years in our sheet metal department, we are sending Joseph Selva off into his retirement. We want to thank you for your dedicated years of work at WAM. It is folks like you who define the value of our company. Congratulations in making it to & good luck in retirement!



Mario Carranza Gets his PE License

Congratulations to Mario for getting his PE license in October! It is quite an accomplishment and we're proud to have you on the team. Can't wait to see what you do with it.



Norcal District 2 Cup Champions!

Congratulations to coaches Greg Russell, James Imbruglio, and Kyle Schuman for leading their U14 CYSA Boys soccer team to a victory in the Norcal District 2 Cup Championship. Their tournament record was 3-1-0 with a season overall record of 11-1-1.

Celebrations (Continued)



Baby Announcement

Patrick Manuel Uribe

Congratulations to the Uribe family with the arrival of their newest baby boy, Patrick Manuel Uribe. He was born November 4th, at 2:13am, weighing 7 lbs 3 oz, and 21" long.



Baby Announcement

Thomas Michael Bianchi

Congratulations to Kevin Bianchi and his family on the arrival of their baby boy! The Bianchi's welcomed their baby boy on Thursday 1/30 at 5:11am. Thomas Michael Bianchi was 8 lbs, 8 oz, 21 inches long. Both mom and baby are doing great and are back home now. Big sister Ella already loves her baby brother Tommy.



Vanessa O'Connor Gets her PE License

Congratulations to Vanessa for getting her PE license in December! We are all proud of you and very happy about how good you make us look. Welcome to the club!

Project Highlights



Perfect Day Foods

Emeryville, CA

Project Lead: Kevin Bianchi

25,000 SF lab TI for vegan food production company's new R&D facility in Emeryville. This new facility will include multiple fermentation labs, FPLC lab, gels labs, and engineering labs as well as an open office system. PDF's hopes this new R&D facility will allow them to grow into the leader in high-quality vegan dairy food production.

R2M Pharma

South San Francisco, CA

Project Lead: Lisa Oneto

Fast-growing Biotech research company is taking approximately 15,000 square feet of space to build out the new lab and office space in South San Francisco.

San Bio

Mountain View, CA

Project Lead: Nick Johnson/Kelli Riley

Plumbing and HVAC for a new office buildout for regenerative cell medicine company in Mountain View. The HVAC system consists of a VRF system as well as reducing existing package units and adding exhaust. The plumbing consists of adding new toilets and sinks.

Project Highlights *(Continued)*

Frank Hagel Federal Building

Richmond, CA

Project Lead: Daniel Wong

Multiple phased retrofit of the main chilled water plant including adding (2) new 300-ton water-cooled chillers and (10) new pumps. Demo of the (4) main central air handling units which are being replaced with (4) new custom modular air handling units. All the piping and sheet metal scope is being BIM'ed through Western Allied Mechanical's detailing department.

OpenAI

San Francisco, CA

Project Lead: Leon Matthews

An 80,000 square foot office tenant improvement in SF and will have a kitchen, 4-story atrium, and a green roof. OpenAI is dedicated to furthering artificial intelligence for the benefit of mankind.

Exelixis 1701 HBP

Alameda, CA

Project Lead: Kevin Bianchi

This is a 5 million dollar project which includes 60,000 SF lab office and TI in Alameda. The focus of the facility is to increase research and development of new and improved cancer treatments.

WAMiversaries



Lisa Oneto - Sept 1995



Aaron Stender - April 2010

Sean Kent - May 2010

Kathy Sinfield - July 2010

Frank Kobertz - Oct 2010



Kevin Trew - May 2000

Loek Vaneveld - July 2000

John Andres - Aug 2000



Francois Lespade - Feb 2015

Mike Hurley - Feb 2015

Aaron Skiver - March 2015

Mary Hanlon - June 2015

Cinthya Carrillo - July 2015

Vanessa O'Connor - July 2015

Charles Montgomery - Aug 2015

Keith Garcia - Aug 2015

Stas Yudashkin - Sept 2015

Michael Lopiparo - Oct 2015



Jeremy Goodland - July 2005

James Kastelic - Oct 2005

Events Calendar



Upcoming Events

March 6, 2020

March Madness Ping Pong Tournament
(Sign-Ups Begin)

March 26, 2020

Tournament Finals & Lunch Celebration

May 14, 2020

Bike To Work Day
Stay tuned for more information later in March.

June 24, 2020

WAM to host WiOPs (Women in Operations) Event at WAM

Monthly Birthday Celebrations

Every Second Tuesday of the month.

Come celebrate with us at 2:15 pm in the 1180 Training Room

Wellness Events

Please join us for our ongoing wellness programs offered at WAM.

Personal Trainer Workout Sessions

Every Tuesday and Thursday at 11:30am in the 1180 Gym
\$10 per session
First-timers receive a free first session!

Events Calendar *(Continued)*

Wellness Events

Yoga Class

Every First and Third Monday of the Month
\$5 per session
First-timers receive a free first class!

Chair Massage

Every First and Third Thursday of the Month
\$10 per session

Table Massage

Every Second Thursday of the Month (and Fifth Thursday in any month that has 5 Thursdays)
\$40 per session



Western Allied
MECHANICAL

SHOP TALK

SPRING 2020

NEW HIRES

Sarah Anderson, Accounting Clerk
Mario Carranza, Mechanical Engineer
Chalini Ekanayake, Design Engineer
Kelli GalDiaz, Project Administrator
Trey Kube, Construction Project Manager
Bob Mierz, Construction Project Manager

Daniela Ruiz, Service Project Administrator
David Swander, Controls Project Manager
Darryl Barbata, Controls Department Manager
Kent Goetz, Service Business Development
Isaac Rubio Hernandez, Service Project Engineer
Kevin Ng, Construction Project Engineer

CONTRIBUTORS *(Spring 2020 Issue)*

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Daniel Wong
Cinthya Carrillo
LeeRoy Young

ABOUT SHOP TALK

Shop Talk is our internal newsletter about the WAM family that is published twice a year. It provides a glimpse into our company and the lives of our employees.

<http://westernallied.com/shoptalk>

