

## HIGHLIGHTS

- P3** The future starts with STEM
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# PERSPECTIVE

VOLUME 7 | SUMMER | 2019

## Efficiency is in our genes

✦ BY HENRY LEWELLEN

Crane picks are always orchestrated magic, and this June after months of planning and coordination with a tight schedule and last-minute changes of equipment layout, we set to work on our epic crane pick at Seattle Genetics.

We had three trades represented, Sheet Metal, Mechanical Piping and Refrigeration working together to set over \$800,000 worth of equipment and materials in five hours. This included 15 pieces of equipment and over 30 picks on one of the hottest days of the year.

Thanks to everyone's hard work, everything fit into place accurately the first time, which was critical as the crane was onsite for only one day.

**"SHOUT-OUT to Justin Shamblin, Kyle Wolever, Darryl Dismuke, Justin Federmeyer, Rodney Hemmingson and the rest of their team for making our critical pick go off without a hitch on an 87° day. Also, the upfront efforts of Detailing and Shop Prefabrication ensured everything fit as planned."**

~ Henry Lewellen, Project Manager

### ABOUT THE PROJECT

This will be the 6th (Building 6) and 7th (Building 11) major projects we've completed in the last 6 years with Seattle Genetics. Building 5 finished up in 2017 and Building 11 is currently ongoing.

Similar to Building 5, Building 6 is a 2-story complete building overhaul for a new research and office facility for Seattle Genetics. Our client has a focus on maintenance and future flexibility,

so keeping the mechanical scopes consolidated and easy to access is critical.

The Haakon laboratory air handling units we are installing offer a redundant dual tunnel configuration allowing routine maintenance to take place without down time to the lab's HVAC system. One-on-one meetings during the Building Management System submittal review process allowed us

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## SHOUT OUT!

➡ TO DALE PENTHENY, KURT BOUTIN & DAN WRIGHT

"The plumbers that responded to our emergency call yesterday – Dale Pentheny, Kurt Boutin and Dan Wright – did an awesome job last night. I really appreciate their quick response and hard work through the night. Due to your efforts, our tenant, Homegrown, was able to open up on time this morning. Thank you!"

*Timothy Schrader, Operations Director,  
Madison Marquette*



Gus Simonds  
President



Our culture is key

While our values aren't new, if you're an employee you'll notice the posters up in our offices are. These are the fruits of labor from all of you providing input when we were tasked with getting our core values down on paper. Our culture is our special sauce and it's what makes MacDonald-Miller an expression of what we do, and what we stand for every day – here at work, and out in the community. With the current growth of the company it's important to myself, and the entire leadership team, that our culture doesn't change, that no matter how big we become, our values stay the same. It's truly what makes MacMiller a great place to work. Recently, this was confirmed when we were named one of "Washington's Best 100 Workplaces" by *Puget Sound Business Journal*.

I'm excited to announce that we are opening a new office in Tri Cities, Washington. This office will anchor our growing business activities throughout Eastern Washington including Yakima, Spokane and Wenatchee. Also, after almost 20 years, we are moving our Tacoma office this Fall to a larger facility that is currently undergoing renovation for our move. The South Sound continues to grow, and we are proud to be part of the excitement in this community.

Our MLAB (a Virtual Reality Building Design Room) has been busy every week this spring, with architects and constructors collaborating on project design and constructability options. We've also had educators bring students to the MLAB and to our fabrication shop so they can see first-hand how design transforms into a built reality. Someday, some of these students will hopefully become MacMillians!

Top that off with the fifth consecutive "AGC Build Washington Safety Award" for contractors with over 1 million labor hours! I can truly say we're living our values day in and day out.

Stay true MacMillians and have a great summer!

Gus Simonds

Awesome ability

✦ BY NICOLE MARTIN

This spring we were honored with the Derby Award for our continued support of Northwest Center's mission: a world where people of all abilities learn and work together. MacDonald-Miller supports many of this organization's events and is a hub for employee donations. And then we found Shelley Yu!



Shelley was a client of the Northwest Center, and through their employment services division filled an administrative need for MacMiller. They provided coaching for Shelley until she was able to perform her role without support, which took very little time. Four years later, Shelley continues to outperform our expectations for this role and is consistently eager and capable of taking on more responsibilities.

"I wouldn't want to work here without her," says Jen Chase. "She's a huge part of our team."

"Northwest Center was thrilled to honor MacDonald-Miller as our 2019 Partner in Inclusion. MacDonald-Miller is a perfect example of how disability inclusion in the workplace is a win for employees and employers alike," said Gene Boes, Northwest Center President and CEO.

Our CFO, Stephanie Gebhardt has been an NWC active board member for the past 7 years. Stephanie notes, "Thanks to all of you for supporting Shelley and the Northwest Center! As you know, inclusion is near and dear to my heart and I can only hope that one day my daughter will find a company and supervisor as supportive as you have been for Shelley."

To watch a video about our partnership with Northwest Center go to: [macmiller.com/northwest](http://macmiller.com/northwest).



Pictured above from left to right: Louise Conroy, Stephanie Gebhardt, and Jennifer Trice Walker are huge supporters of NWC and its mission of inclusion.



The future starts with STEM

✦ BY NICOLE MARTIN

Over the past few months we provided several tours of our best-in-class prefab shop and MLAB to STEM students from three school districts across Kitsap County. These students were between the ages of 15-18, studying CTE courses like robotics, manufacturing and engineering.

As a regional leader, MacDonald-Miller knows that the future of our industry depends on having access to local world-class talent – especially those with a STEM focus. We believe all students deserve access to STEM learning across workforce sectors and we're acting to embrace connected learning and STEM opportunities that can help close the skills gap of our future workforce.

MacMiller engages with community, education, government and industry to foster a STEM-skills learning experience for the 21st century workforce. A healthy workforce of local talent will help drive opportunity and prosperity in our communities. MacMiller is committed to:

- 1 Promoting interest in and access to STEM
- 2 Helping increase STEM learning opportunities directly for students

An example of this commitment is our new MLAB – a virtual reality room powered by MacDonald-Miller. MLAB provides a forum for discussion, engagement, and innovation – bridging our education and workforce sectors together to help close the skills gap of our future workforce through a shared experience.



The following MacMillians went above and beyond to lead tours and share insight with these kids: Melissa Randle, Martha Holly, Justin Guy, Jim Hensley, Rylan MacCay, Joel Slagg, Bradd Busick, Joe Velasco and Tessa Tippet. It was a great showing of your commitment to our community and your dedication to the industry. I appreciate the time you put in to make these tours a success! Thank you!

Good afternoon,  
First off, I want to thank MacDonald-Miller and their team for hosting my group of students today. I want you to know how much it means to me and this school district to have businesses like yours open up your company and make time for students to show them the many great opportunities that are available in our area. Today was a wonderful experience for me and the kids, and I am grateful!

Sincerely,  
Richard Gifford  
Olympic High School  
Kitsap School District

# CULTURE

## VALUES

While MacDonald-Miller is renowned for superior technical expertise, there's another facet to our company that truly sets us apart. And that's our culture – one that's been created from a set of essential values that embody who we are and how we work. Recently, we refined these core values. Check out what some of our employees have to say about them...



## Collaboration

### Diverse players, one team, a common vision.

Collaboration is our foundation and critical to the success of the company. Every team member is valued and brings a diversity of strengths to help us meet our common vision.



#### Collaboration in action...

"Personally, this value is essential to my role and daily tasks. Working collaboratively as a team in Service Coordination or interdepartmentally is crucial, as it allows us all to provide a prompt, well-informed, and exceptional experience for our customers."

*Karen Neuman,  
Service Coordination*

## Dedication

### We are dedicated to personal and professional excellence.

We execute with distinction by doing the right thing and following through on our commitments.



#### Dedication to the core...

"I believe the culture that MacMiller has created is strongly centered around following through on promises and doing what's right for our clients and each other. I truly value the dedication and integrity that is at the core of our culture."

*Adam Smith,  
BPG Estimator*

## Safety

### Everyone deserves a safe workplace.

Safety is more than hardhats and boots, it's an attitude and the environment we create. Every day, everyone goes home to their families.



#### Advocates for safety...

"Safety is our first priority at MacMiller. There have been a few times our clients have reached out for assistance in the safety arena. Working with our clients really makes it clear how well trained we are and a leader in safety."

*Jeff Pattengale,  
South Sound Operations Manager*

## Community

### We are proud to be part of MacDonald-Miller.

We actively seek to build relationships and know each other as individuals. Together we create an environment that is welcoming, caring and trusting.



#### Community works...

"Community to me is helping co-workers by sharing both your failures and successes to help build a stronger team. I see this in the works every day at MacMiller."

*Marco Guizar,  
Eastside Service Technician*

## Innovation

### We are committed to continuous, creative problem solving.

Innovation is how we stay an industry leader. We always strive to challenge and better ourselves.



#### Innovation is in our blood...

"It's exciting to work for a company that is constantly on the cutting edge of technology. We challenge the norm of "how we've always done it" to find innovative solutions to some of the toughest issues within the Design-Build vertical. That makes my job fun and challenging at the same time."

*Eddie Anderson,  
Technical Business Analyst*

## Fun!

### Take the work seriously, but never ourselves too seriously.

It's possible to be both serious professionals and good-natured people you enjoy working with. We strive to be both.



#### Having fun is healthy!

"This value has helped me open up as a person over the years. The people I have worked with have been very fun-loving, but they also know how to get the job done (and done right!)."

*Chris Schooling,  
Piping Foreman*

# Seattle Genetics

CONTINUED FROM PAGE 1

to advance campus standards, improve system staging and efficiencies, and prioritize critical spaces monitoring needs early.

On the 2nd floor mechanical level, Sheet Metal, Plumbing, Fitting and the other MEP trades worked together to use MTR's and duct-racks to support the fast-paced construction schedule and the future building maintenance needs. The MLAB, supported by Detailing and Engineering modeling efforts, allowed Seattle Genetics and the construction team to get a look at the routing and layout ahead of installation to identify installation or future maintenance issues.

On the 1st floor lab spaces there are over 400 lab gas connection points supported by lab gas racks and ceiling panels so that the owner can interchange and relocate equipment based on future needs.

In addition, all of the 1st floor heating and cooling needs are supported by equipment on the 2nd floor above, which will allow for limited impact to the lab or office spaces when maintenance is required.

Above all, schedule and flexibility are critical to success. Thus, all departments, through design and into construction, have worked diligently to anticipate the owner's needs and provide another successful project in a tight construction window.

Construction is currently in full swing with a target date of Q1 2020 for turnover.

It is always good to pause and take a short moment to celebrate milestones...

Today's rooftop crane operation involved 35 equipment picks. The largest being roughly 15K lbs and the smallest roughly 100 lbs. They started with the first pick at 6:35 AM this morning and finished up around 11 AM. That equates to roughly 8 minutes on average per pick done safely. Well executed and well done!!!

Jordan Swanson, LCL Project Manager, SeaGen Building 6



OWNER: TACOMA ARTS LIVE | GC: KORSMO CONSTRUCTION | ARCHITECT: BCRA



PHOTOS BY BCRA DESIGN

## Poised for a curtain call

BY STEVE FLINK

### Historical Building Gets a Revamp in Tacoma

With so much of our work focused on new buildings, we were thrilled with the opportunity to help revamp a noteworthy historical building in downtown Tacoma, Washington. The Pantages Theater has been our client for ages – in fact, Dave Fillo replaced the main boilers there over 10 years ago. The complete theater refresh required the removal of all seating and ramps and the repainting of the intricate details that make the theater such a one-of-a-kind venue.

We helped support mechanical and plumbing upgrades as well as the rooftop duct work replacement above the lobby.

The next phase of the remodel will include a plumbing upgrade for the lobby restrooms as well as the addition of a donor's lounge on the 4th floor of the historic Jones Building above the theater. Scope of work for MacDonald-Miller includes mechanical and plumbing for the new bar and restrooms.

Eventually the building will need significant seismic upgrades, which will include four new sheer walls all the way up to the roof!



## Time to take Control(s)

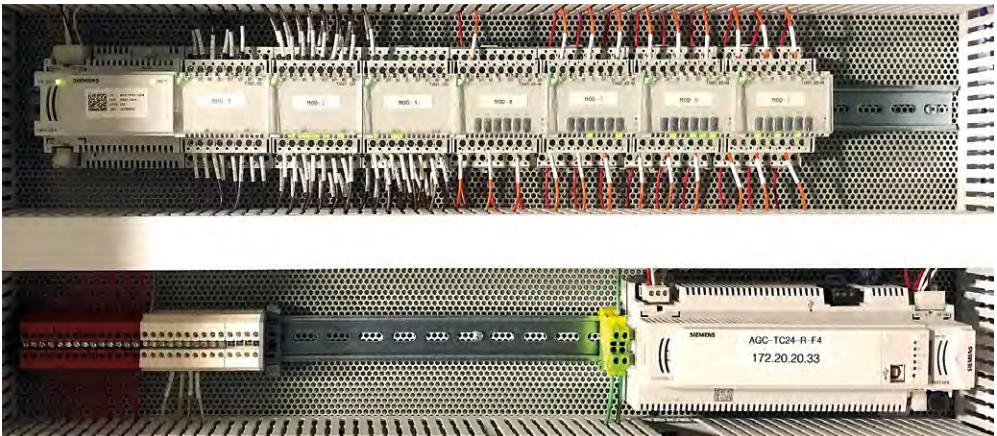
BY PETE DAVILA

### Controls Upgrade with Energy Retrofit

Headquartered in Hillsboro, Oregon, AGC Electronics America (AGCEA) is a division of AGC Flat Glass North America, Inc. AGC Inc., a global glass manufacturing company out of Tokyo, Japan. It is the largest glass company in the world and one of Mitsubishi's core companies.

This Hillsboro plant manufactures materials for the Semiconductor market, including Silicon Carbide (SiC) materials and CMP Slurry. Armed with prior customer experience from our Advanced Rooftop Control Campaign, our energy team was aware of the potential availability of energy dollars. This would come to fruition if the customer was willing to add to the original scope, and, therefore, receive an incentive lowering the initial costs of the control retrofit as well as continued savings year after year. As the only controls contractor to bring energy savings to the bid, AGC invited us to take a deeper look into their HVAC and existing control system. There were more savings than initially thought – after all calculations and scope were revised, the Energy Trust Incentive came out to 28% of total project costs.

From here, our Controls Team has worked diligently to surpass customer and Energy Trust expectations.



John Hopper tells more about the project: "We ripped out an old Alerton system and installed a new Siemens control system with a Desigo CC front end. The scope of the project was to apply the new ARC energy sequence for the roof top units. We installed VFD's to the applicable units so that we could manipulate fan speed for energy efficiency during cooling, heating and ventilation modes."



PHOTOS BY JOHN HOPPER



## SHOUT OUTS!

TO TANNER POWELL & GARY EICH

"Thank you for making it happen! The new unit was installed successfully and the set point of 68° held all night. The onsite techs, Tanner Powell and Gary Eich were very thorough and communicative – and left our server room floor cleaner than they found it. Thanks again."

Danny Hernandez, OEA

TO RANDY SHORT

"You are by far my FAVORITE tech and we all appreciate your knowledge of the complicated systems in these buildings. We look forward to continuing to work with you on the other properties in the Killian portfolio."

Julie Fuhrman, Real Estate Manager, NAI Elliot



## SAFETY STARS

### AGC SAFETY AWARD

For the 5th year in a row, MacDonald-Miller wins the "Build Washington 2019 Safety Excellence Award" for specialty contractor over 1 million worker hours.

"Thank you AGC of Washington for recognizing MacDonald-Miller for our safety culture. We wouldn't have been able to do it without a complete commitment from all employees – they continue to embrace our culture and focus on creating a safe working environment."

Lee Pyfrom, Safety Director

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WASHINGTON & OREGON



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