



HIGHLIGHTS

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PERSPECTIVE

VOLUME 11 | WINTER | 2023

Elevating care at Grande Ronde Hospital

✦ BY CURTIS PITMAN

Challenge Accepted

Building a large, cohesive crew of tradespeople from scratch on a remote jobsite was not easy. Operations Manager Mike Reichert, and Superintendents Chris Cory and Andy Brasher worked hard to pull together the successful team. As the largest new construction project to date in the Inland Northwest, there's a lot to prove in addition to the regular complexities of a healthcare project! From demolition work to gas and water rerouting, underground operations to value engineering, our crews stayed busy alongside necessary subcontractors.

It's in the Details

Hospitals themselves are inherently more complicated jobs than others simply due to the number of unique systems in place. In addition to standard plumbing and HVAC, hospitals typically have various medical gas lines/systems, medical vacuum lines and additional mechanical equipment to support key functions/areas of the hospital (and associated piping/ductwork). These additional systems, coupled with the decision by the client to reduce the available ceiling space for all trades for stacked value engineering, made detailing on this job especially

important. In many places throughout the building we have mechanical piping, plumbing, medical gas lines, ductwork, as well as electrical and fire protection within mere inches of clearance to structure or other systems. The overhead spaces in the building are extremely congested and the success of making the small available overhead space work would not have been possible without diligent detailing to ensure that all systems fit and function as intended. Weekly MEP coordination meetings led by the MacMiller detailing team were a huge part of the success of making all systems work in this hospital. Onsite, several data vaults (laptops and screens) provide easy access to BIM files and drawings for the field to continually check accuracy during installation.

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Driving growth into 2024 and beyond

2023 has been a landmark year for MacDonald-Miller. As budgeted, we posted an all-time record high revenue of over \$500 million! Our growth was a healthy 15% over 2022 and spread nicely across both our Service and Construction sides of the business. This remarkable achievement is a testament to the hard work, dedication and “smarts” that each of our employees bring to work every day.

Looking ahead to 2024, I'm proud to say that we will remain around the \$500 million mark in overall business volume, with some reduction in New Construction being replaced with more work in Performance Contracting, Health Care and Service. This is a nice reminder of the company's strength in the diversity of business offerings, and our customers' appreciation.

While in good discipline we compare and celebrate our business year over year, our journey here at MacMiller is more akin to an “Infinite Quest”, one that involves continuous improvement without a final destination. As we pass through each January 1st like a car passing a mile marker on the highway, our mission remains unchanged: to enhance our business while it's propelling forward along this infinite highway. To keep our competitive edge, not a single part of our MacMiller enterprise can be missed in our annual strategic planning: our culture and people, product and service enhancement, innovative design, smooth execution, the right tools, technology and infrastructure, safety, and close connection with our northwest community, all while listening to our customers. There's a lot of moving parts to consider in our business and its operation.

As 2023 comes to an end, we at MacMiller are just at the beginning of a new chapter in our infinite and rewarding quest to be the first choice, execute with distinction, and continue our 58-year legacy.

Wishing you a Happy New Year! May 2024 bring us even greater achievements and success!

Gus Simonds
CEO

Portland! We've got you covered.

✂ BY JON HAY

MacDonald-Miller is excited to announce our new facility, located on the west side of Portland!

Our Oregon service business has seen remarkable growth in recent years, achieving an impressive \$7 million service base. More than half of this business is concentrated on the west side of Portland – the opposite side of the city from our current Portland office.

This expansion will establish a strong presence in the region, allowing us to serve our customers with the same efficiency and excellence that they have come to expect from MacMiller.

Zone Focused

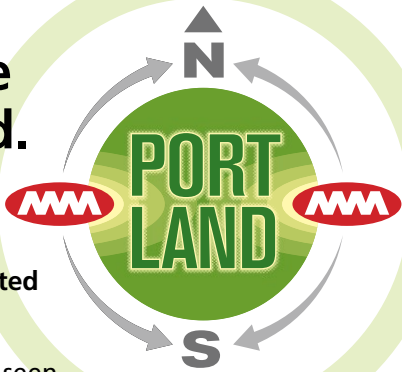
Building on the success of our service zone-based model in the Seattle area, we have been working to implement a similar structure for our Portland metro operations. Previously, we managed Portland as a single, expansive sales and operations territory, with our staff responsible for multiple zones. As our operations grow, maintaining proximity to our customers has become a challenge. Our new facility will serve as the home base for the newly formed PDX-West team.

Facility Overview

Our new facility spans 10,000 SF, with space to accommodate our expanding team while ensuring top-notch client service. Highlights include 20-foot-high ceilings, an open office layout, warehouse, a spacious conference room, and ample parking. It boasts the largest training room in Portland, intended to serve as a training and meeting hub for both our staff and customers.

The Future Awaits

MacMiller's decision to establish this facility highlights our dedication to growth, customer-centric practices, and adaptability in a rapidly evolving world. We are enthusiastic about the opportunities this expansion brings and eagerly anticipate continuing our tradition of excellence as we serve our valued clients in the west Portland region. 



GIVE IT UP FOR GIVING BACK

Chris Griffiths, Lead Account Executive Light The Night for Leukemia & Lymphoma Society

The Leukemia & Lymphoma Society (LLS) is at the forefront of the fight to cure cancer. Since 1949, the organization has invested \$1.3 billion in groundbreaking research, pioneering many of today's most innovative approaches to finding a cure. As the largest nonprofit dedicated to creating a world without blood cancers, LLS continues to make a significant impact.


LLS hosts the renowned 'Light the Night' walks across the nation, rallying participants to raise funds in support of the nonprofit's mission. The event is marked with a memorable evening experience, where attendees illuminate the evening sky by carrying glowing lanterns, listen to live music, and catch firework displays.

For Lead Account Executive Chris Griffiths, his participation is personal. “My sister and I participate in the LLS Light the Night event in memory of our brother who passed away from cancer, and for my dad who was diagnosed with Lymphoma a few years ago,” says Chris. Chris' unwavering passion led him to spearhead the MacDonald-Miller team for the annual Oregon Light the Night event, even serving on the LLS Executive Committee.

At MacDonald-Miller we believe that it is everyone's responsibility to build healthy and viable communities. MacMiller offers the Giving Fund to support our employees in their charitable work in our local communities and around the globe. To find out more about the Giving Fund's objectives, or to consider joining the committee reach out to Robert.Gibson@macmiller.com.



Motivated by his personal experiences, Chris rallied local MacMiller employees to join in the noble cause, resulting in an impressive fundraising effort of over \$9,000 this year.

Thanks to the hard work of dedicated volunteers like Chris, the Light the Night events can continue to foster a sense of togetherness and bring hope amid the moments of darkness. 



To learn more about this cause, visit www.lightthenight.org.

Charging ahead 32 ELECTRIC VEHICLES

✂ BY MATT HUMPHERY

MacDonald-Miller recognizes the pivotal role electric transportation has in reducing our carbon footprint and is actively incorporating additional sustainable practices within our industry as we work to achieve our Climate Pledge Commitment.


Our service electricians are at the fore-front of this initiative, ensuring that our customers have the necessary infrastructure to support the growing demand for electric vehicles, enhancing accessibility to clean transportation, and contributing to the widespread adoption of EVs. We've enlisted our service

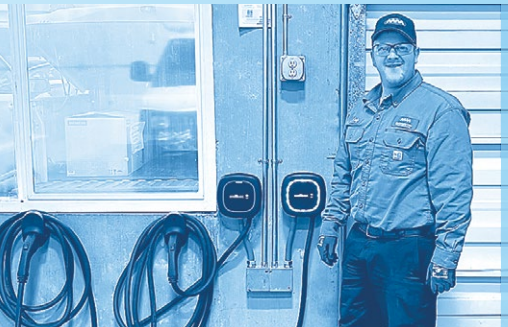
electricians to install electric vehicle (EV) chargers at our offices, customer sites, as well as our employee's homes.

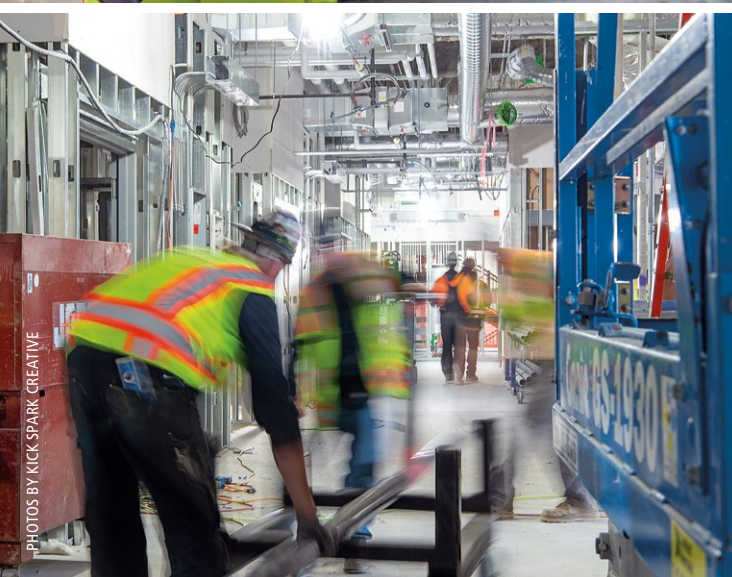
As we transition our fleet to incorporate more widespread use of EV and hybrid vehicles, employees assigned an EV will have a charger provided and installed for them at their home by a MacMiller electrician, aiding in the smooth transition to a diverse fleet of electric and gas vehicles.

We just received the keys to our first all-electric GM van with 31 more EVs on order.

Our next step is to begin transferring this new EV fleet to employees who take home a vehicle each night. (Like our technicians!)

For 24/7 electrical services call 800-MAC-HVAC or see our website. 





▶ FACES OF SUCCESS : FATHER & SON

Sam Connell Sr., Fitter Foreman & Sammy Connell Jr., Journeyman Fitter

» *Years with MacMiller: Seven months for Sam, eight months for Sammy*

What do you like best about the team at Grande Ronde Hospital?

» **Sammy:** “On the plumber and fitter side, everyone gets along well. It’s a great group of people working on a really great project.”

» **Sam:** “What I like most about the Grande Ronde project is that I get to do a lot of different things. I’ve never worked on a hospital site before, so it’s a fun learning experience.”

What is the experience like being father/son fitters on the same project?

» **Sam:** “I had a chance to work with my dad in my career, and now I get to bond with my son in the same way. It’s great to see how he gets involved in his role, and to see how much better he was than when I was his age!”

» **Sammy:** “It’s nice to see my dad as a leader on the site, and to see how different he is at home versus on the job.”



Installing confidence

✂ DEAN GRASSER

MacDonald-Miller’s field Quality Assurance & Quality Control Program (QA/QC) ensures what we build and install meets or beats MacMiller standards and the customers’ expectations. The goal is to eliminate issues as they arise. This can be accomplished starting with design review. The field reviews and notes any concerns for further review.

Next step is proper training for the installation crews. Making sure they have read and understand the installation instructions for the equipment and materials that are being installed.

- Planned inspections over the course of the installation are crucial to keep the QA/QC plan on track.
- Documentation showing each step was taken and reviewed to help keep anything from being missed.
- As issues arise NCR’s (Non-Conformance Reports) are created. The document states the issue and what steps were taken to resolve it. The signature of the GC and MacMiller job leadership team are required. They are named and filed sequentially for future reference. NCR’s will be reviewed at the end of the project as part of an evaluation of the QA/QC plan. Changes will be made in our processes, standard materials, or training as required.

The QA/QC Program at the Grande Ronde Hospital project is intended to identify, track, document, and correct any sort of quality issues that typically arise over the course of a job. The program includes daily inspections for each trade, thorough documentation of any issues, tests, and inspections, weekly summaries, and increased communication to all parties involved in the job.

“With the implementation of our QA/QC Program I believe that we are capable of delivering a quality product that satisfies all specifications and job requirements, and further helps position MacMiller as a formidable mechanical contractor in the INW,” says Curtis Pitman, QA/QC Manager.

This process is part of our culture. We want to hand our customers the highest quality project, keeping the warranty issues at a minimum.

OWNER: GRANDE RONDE HOSPITAL | GC: BOUTEN CONSTRUCTION | PKA ARCHITECTS | ENGINEER: INTERFACE

INW

INLAND NORTHWEST

GRANDE RONDE HOSPITAL

APPROX 96,000 SF HOSPITAL EXPANSION

LA GRANDE, OR

Grande Ronde Hospital, continued from page 1

The location of the site posed a unique challenge as well, as it is the farthest project from the pre-fabrication shop in Seattle. Delivering prefabricated duct and piping 330 miles to La Grande was a complicated venture due to multiple days of travel and the crossing of two potentially hazardous passes. To overcome this, a shipping hub was established in Kennewick to receive fabricated pieces from both the Portland and Seattle shops. This split the delivery process with items arriving to Kennewick one day, and then being transferred to La Grande the next. The shipping departments, material coordinators, and delivery drivers from Norfolk, Portland, and Kennewick played a crucial role in making this possible. The Grande Ronde Hospital expansion is approximately 75% complete with substantial completion slated for July 2024.

Positive Impact

This hospital expansion in La Grande, Oregon allows the hospital to bring together all surgical services such as patient check-in and pre-op, waiting rooms, operating and procedure rooms, and post-op recovery; as well as space for those departments that support surgical services. The new surgical services space will also provide greater privacy and satisfaction for its patients. This winter the hospital surgeons, nurses and facility team will tour the project before it’s finished with our VR goggles.

10,500 FT 4,830 PIECES
94,000 LBS
Mount St. Helens

DUCT modeled by our sheet metal detailers and fabricated by the Norfolk shop

32,000 COMPONENTS
modeled by our plumbing detailers

14,588 FT
PIPE detailed & installed by our pipe fitters
91,471 LBS





PROJECT HIGHLIGHT

Pacific Northwest | DESIGN-ASSIST

Snoqualmie Casino Expansion

Snoqualmie, Washington

GENERAL CONTRACTOR:


SKANSKA

ARCHITECT:

BWA

PROJECT DESCRIPTION:

MacDonald-Miller is providing full mechanical and plumbing scopes to serve a 460,000 square foot expansion to the existing Snoqualmie Casino. The building will consist of four podium levels consisting of loading dock, back of house offices, laundry room, banquet catering kitchen, a 2,000-seat entertainment venue and convention center, pool, fitness center, and spa. The casino level will be expanded to include two new restaurants and the existing ballroom space will be renovated to provide an additional 25,000 SF of gaming area. The 10-story hotel includes 210 guestrooms, including a full suite level on the top floor. Mechanical systems are served by a 1200-ton central plant and two mechanical equipment floors containing 16 air-handling units.

We are still early in the structural erection process, none of our major installation or pre-fabrication activities have started yet but we will be ramping up significantly as we head into 2024. 



PROJECT HIGHLIGHT

Inland Northwest | DESIGN-BUILD

Farwest Steel

Post Falls, Idaho

SCOPE OF WORK:

Design-Build, HVAC system, TAB, plumbing, controls

GENERAL CONTRACTOR:

Garco Construction

PROJECT TIMELINE:

January 2023 – February 2024

PROJECT DESCRIPTION:

This design-build project involves the construction of a steel manufacturing facility in Post Falls, Idaho. This facility spans 6,900 SF of office space and over 100,000 SF of warehouse space. The project scope encompassed plumbing and mechanical for the facility, including a split HVAC system with three rooftop units. Additionally, the manufacturing section of the warehouse required six heaters, six large exhaust fans, and a compressed airline system in the equipment room to supply air for the tools and machinery.

UNIQUE CHALLENGES/INNOVATION:

The original plan for this project was to replicate the design of the Portland location, which would include garage door openings to combat debris build up and provide ventilation. However, the differing environment and city codes of Post Falls required changes to this specific design. The team pivoted to include large exhaust fans instead.

INTERNAL PROJECT TEAM:

Richard Condrey/Project Executive, Chad Murphy/Senior Project Manager, Jacob Hackl/Project Engineer, Kurtis Larson/Plumbing Foreman, Keith Anderson/Sheet Metal Foreman, Steve Hargrove/Senior Engineering Manager (HVAC), Michael Kelly/Design Engineer (Plumbing) 



→ FACES OF SUCCESS

Kurtis Larson

Inland Northwest Plumbing Lead Foreman

» Years with MacMiller: Seven, with the last 2.5 years spent with the Inland Northwest group

“What I like most about working at MacDonald-Miller is the diversity of work we do, combined with the teamwork. Together we can find solutions to any scenario or problem.”

AWARDS

Microsoft Thermal Energy Center

» NAIOP's 2023 Night of the Stars: Judges' Innovation Award

» Urban Land Institute: World's Top 10 Most Innovative Geothermal Energy Projects




This project features 875 geowells drilled 550 ft underground and uses the earth's constant temperature to heat and cool Microsoft's campus. The Thermal Energy Center is anticipated to achieve a 50% reduction in energy consumption compared to a typical utility plant.

Thank you to our MacDonald-Miller crews and our partners: GLY Construction, NBBJ, Affiliated Engineers Inc, CRE Microsoft, OAC Service, Valley Electric Company, and Coughlin Porter Lundeen.



Dave Valantine Future Leader Award

This year Dave Valantine received the Future Leader Award at the Washington State Association of the UA Convention, which is presented annually to an exceptional apprentice in every trade. With five years at MacDonald-Miller, he was deeply moved by the nomination, recognizing it as a significant milestone in his career. Dave's diverse background includes building homes, excavation work, and fighting fires across the Western states before transitioning to HVAC in 2005. For Dave, the union has provided him with a platform for leadership and teamwork, embodying his belief in uplifting every team member. “For me, it's no man or woman left behind. I believe in bringing everyone up to the best level and seeing everyone shine together. If I train someone to be better than me, then that means I did my job.” Dave's commitment to mentorship and volunteering as a subject matter expert has played a pivotal role in contributing to the education of fellow technicians who aspire to excel in their trade. This commitment was instrumental in earning him this honor. Congratulations, Dave! 



SHOUT OUTS!

→ TO HANS HARJO

“I cannot begin to thank you enough for your assistance with our major electrical issue yesterday. Furthermore, the high degree of professionalism demonstrated by Hans, your representative, is why I shout MacDonald-Miller to all that listen. Realizing the gravity of our situation, Hans assisted with finding another sparkie, knowing your team could not help until later in the day. He stayed throughout and assisted me, and the sparkie, to the end. I am not just grateful but very appreciative. Hans is always welcome at our property, and I would prefer him in the future. He exemplifies why my first call is always to MacMiller. Thank you!”

Michael Robinson, Courtyard Marriott Everett

→ TO BRIEN CAMERON

“I just wanted to say thanks again for dispatching Brien Cameron. What an awesome person. He is professional with exceptional communication skills and follow-through. He was able to explain in detail the issues with the package unit. I don't know if MacDonald-Miller awards gold stars, but if you do, he should have one.”

Brian Zenk, Pacific Northwest Ballet

→ TO JEREMY SCHUMACHER AND ROBERT GOELTZ

“I'd like to give a shout out to Jeremy Schumacher and Robert Goeltz for their work at Linfield University in McMinnville. They have been invaluable in solving chiller issues and providing the trusted partnership that MacDonald-Miller is known for. Linfield is so impressed with their work, that in addition to our signed maintenance agreement, they are looking into what additional services we can provide them. Schumacher and Goeltz's expedient, quality work has been noticed and continues to drive opportunities at this facility. Thanks to you both!”

*Ryan Christensen, Account Executive
at MacDonald-Miller*

HIGHLIGHTS

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WASHINGTON & OREGON

PERSPECTIVE

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Microsoft Thermal Energy Center