Seattle Daily Journal of Commerce · May 27, 2016

AGG CON AWARDS



TENANT IMPROVEMENT

OVER \$5 MILLION

IVAR'S PIER 54 RESTAURANT RENOVATION

Location: Seattle

General contractor: W.G. Clark Construction

Owner/developer: lvar's

Primary designers: Mithun, CB Anderson Architects

The Ivar's Pier 54 restaurant renovation involved structural upgrades, a building-envelope renovation and construction of a new

full-service restaurant at historic Pier 54. Coordination of construction activities involved working with many groups, including the Landmarks Preservation Board, Department of Planning and Development, Seattle Fire Department, Seattle

GRAND AWARD CONSTRUCTION

City Light, Puget Sound Energy, marine piling contractors, the Elliott Bay Seawall team and over 36 specialty contractors.

Starting in October 2014, W.G. Clark focused on the new

Starting in October 2014, W.G. Clark focused on the new 19,200-square-foot Ivar's Acres of Clams restaurant and their outside Fish Bar. These two elements had to be ready by July 1, 2015, for the critical summer tourist season and the "grand reopening" of the Seattle waterfront.

After July 1, work continued on the building envelope and construction of Ivar's corporate offices and future tenant-improvement spaces. This involved wood framing, concrete curbs, windows and doors, a waterproof barrier, inboard/outboard insulation and new exterior siding that matched the profile of the original pier construction.

Work was completed on Dec. 31.



PHOTOS COURTESY OF W.G. CLARK CONSTRUCTION









CALL 800-GLC-GRAY



A Century of Performance + Integrity

Phone 253.752.7000 • graylumber.com • Fax 253.759.7560



GENERAL CONTRACTOR: SAFETY

OVER 500,000 HOURS

TURNER CONSTRUCTION

Turner Construction Co. feels that safety is not private — it should be shared among the industry so everyone can learn from mistakes and successes for a safer future.

Their safety-team members have taken active roles in several safety agencies to share information and expand their knowledge. Learning from other members in these agencies makes the team stronger and ultimately makes jobsites safer places to work.

Jeremy Taylor, Turner's safety director, joined the AGC Safety Committee and sits with the AGC GC Safety



Team monthly to collaborate on safety issues and initiatives. The intent of these meetings is to share information and raise expectations of specialty contractors who work with all members.

Turner believes that raising expectations and leading by example sets the pace for improvements in the construction industry. Through setting high safety expectations on the jobsite, their innovative safety practices and policies have proven to keep workers safe.

They are seeing several of these safety practices and policies being adopted by specialty contractors as well, including their Ladders Last policy to minimize jobsite falls and their cutresistant glove policy to reduce hand-laceration injuries. Some of Turner's practices and policies, considered too extreme at their initial rollout, have proven to provide a better working environment and have become standard practice outside of Turner jobs.



Turner's Last Ladders policy helps cut jobsite falls. The company completed this 12-story office building in 2015.

PHOTO COURTESY OF TURNER CONSTRUCTION CO.

W.G. CLARK, TURNER TAKE TOP AGC HONORS

Associated General Contractors of Washington recognized the chapter's top individual and company performances in construction and safety excellence, technology and community service at its annual Build Washington Awards, held at Seattle's CenturyLink Field on May 26.

"It's always a pleasure each year to see and recognize the outstanding work of our member companies in construction, safety, technology and community service," said AGC President Nancy Munro of MidMountain Contractors.

W.G. Clark Construction earned the construction grand award

for their work on the Ivar's Pier 54 restaurant, shell and core renovation project on Seattle's waterfront.

Turner Construction Co. earned the safety grand award. The company also won the AGC/Moss Adams Community Service Award.

GLY earned the Excellence in Technology award.

Kelly Alger of PCL Construction Services was superintendent of the year, Susan McCants of Turner Construction was project manager of the year, and Jeremy Taylor of Turner Construction was the safety professional of the year.

Construction excellence award judges were Brad Cornwell of RMC Architects, Bill Frare of the Washington State Department of Enterprises Services, David Martin of Control Washington Lini

of Enterprise Services, Dave Martin of Central Washington University, Joseph Gildner of Sound Transit, and Ben Minnick of the Seattle Daily Journal of Commerce.

Judges for the safety excellence awards were Anne Soiza of the Washington State Department of Labor and Industries, Ken-Yu Lin of the University of Washington College of Built Environments, Ed DeLach of the Occupational Safety and Health Administration, and Doug Buman of the Laborers' Health & Safety Fund of North America.



W.G. Clark Construction was the construction grand award winner for its upgrades, renovation and construction at Ivar's restaurant building at Pier 54 in Seattle. W.G. Clark was the category winner for tenant improvements over \$5 million.

PHOTO COURTESY OF W.G. CLARK CONSTRUCTION

SECTION EDITOR: JON SILVER • SECTION DESIGN: JEFFREY MILLER WEB DESIGN: LISA LANNIGAN • ADVERTISING: MATT BROWN

GRAND AWARDS

Construction

Ivar's Pier 54 restaurant renovation • W.G. Clark Construction

Safety

Turner Construction Co.

SERVICE AND TECHNOLOGY AWARDS

AGC/Moss Adams Community Service Award

Turner Construction Co.

Excellence in technology

CONSTRUCTION AWARDS

Heavy/industrial

State Route 520 pontoon construction • Kiewit-General Joint Venture

Highway and transportation

U.S. Highway 12 emergency repairs • Granite Construction

Tenant improvements Under \$5 million

Pacific Care Center • Charter Construction

Over \$5 million

Ivar's Pier 54 restaurant renovation • W.G. Clark Construction

Public buildings Under \$10 million

WSU Washington Building third-floor renovation • Absher Construction Co.

\$10 million-\$25 million

Naval Base Kitsap-Bangor shops building • Washington Patriot Construction

\$50 million-\$100 million

UW Maple and Terry halls • W.G. Clark Construction

Over \$100 million

Sound Transit Capitol Hill Station • Turner Construction Co. Private buildings

Under \$10 million Camp Parsons Boys Scouts dining hall • Exxel Pacific

\$10 million-\$25 million

Boeing 45-335 temporary manufacturing facility • Washington Patriot Construction

\$25 million-\$50 million

Toray Composites of America expansion • Merit Construction Northwest

\$50 million-\$100 million

Over \$100 million

Amazon Phase VII • Turner Construction Co.

SAFETY AWARDS

Construction managers Under 100,000 hours

Centennial Contractors Enterprises

Specialty contractors 250,000-500,000 hours

Andgar Corp.

500,000-1 million hours

University Mechanical Contractors

Over 1 million hours

MacDonald-Miller

General contractors Under 150,000 hours

Merit Construction Northwest Tunista Construction

150,000-300,000 hours PCL Construction Services

300,000-500,000 hours

Exxel Pacific

Over 500,000 hours

Turner Construction Co.

INDIVIDUAL AWARDS

Project Manager of the Year

Susan McCants • Turner Construction Co.

Brian Salsgiver Safety Professional of the Year

Jeremy Taylor • Turner Construction Co.

Superintendent of the Year

Kelly Alger • PCL Construction Services

AGC/Moss Adams Community Service Award



PHOTO COURTESY OF TURNER CONSTRUCTION CO.

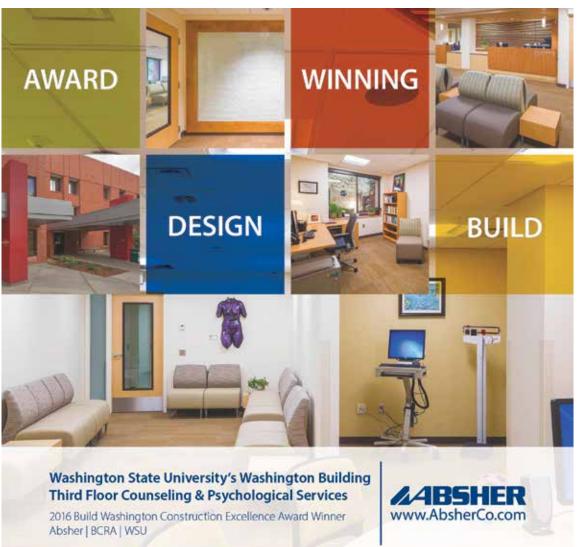
TURNER CONSTRUCTION

Turner Construction Co. is deeply committed to leaving a lasting positive impact on the communities and neighborhoods in which its people live and build. To that end, the company and its staff engage with organizations that provide essential services to make a difference in people's daily lives.

Turner held its first annual Paint the Town Blue day of service in 2015. The focus of the day was to forge a deeper connection between its staff and the community by redirecting all of the company's efforts toward local organizations.

Turner reached out to various organizations throughout Seattle and King County to identify ways in which their people could provide needed services. Once the organizations had been identified, Turner employees had their choice of seven volunteer sites where they would serve anywhere from three to seven hours completing a specified project. Organizations assisted were Immanuel Community Services, First Tee of Greater Seattle, Ronald McDonald House, Ballard Food Bank, White Center Food Bank, FareStart and Rebuilding Together.

Overall, Turner's Paint the Town Blue program involved 75 percent of Turner's local staff, who donated over 500 hours and \$34,000 in a single day. The company has committed to holding this day of service annually and has begun planning for the 2016 event, which will take place in June.



EXCELLENCE IN TECHNOLOGY

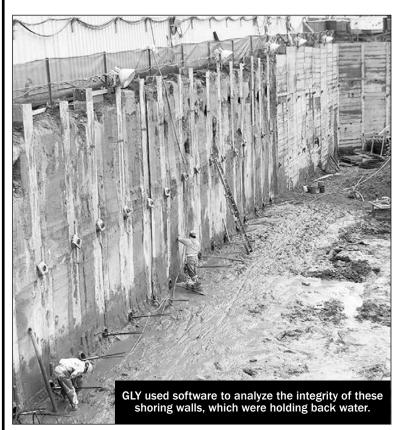


PHOTO COURTESY OF GLY

GLY

GLY's Allen Institute project in South Lake Union was a haven of opportunity to apply new technology, leveraging benefits to the project from start to finish.

The most innovative of these grew out of a unique situation faced on site. Surrounded by hills and hugging Lake Union, the Allen Institute site presented challenging conditions for excavation and dewatering. During the shoring process, the team noticed mineral springs bubbling up through the bottom of the excavation, raising a big concern: Is this percolating water also behind the shoring walls, potentially compromising their integrity?

GLY needed to get a virtual peek of activity behind the shoring walls to determine if there was a potential hazard. The team wondered if software used to analyze horizontal surfaces could be applied to a vertical surface.

Integrated design engineer Trevor Lunde tested the idea by collecting a series of vertical coordinate points alongside the axis of the steel shoring piles and importing them into the model. It worked, and GLY was able to analyze a vertical surface as if it was a horizontal one and generate a variance report on the vertical surface between the real-world points and their intended positions.

The resulting information unmistakably showed evidence of the wall bowing out wherever there was a grouping of mineral springs. The variances were mere fractions of inches, but it was enough to provide clear physical evidence of correlation between the location of the springs and the integrity of the wall. The team easily identified pockets of impact, severity and location, and regenerated the image every week to monitor conditions.

This precise and visual analysis proved to be an invaluable tool when discussing how to monitor and address any further activity. GLY was able to give its client peace of mind and assure them that the foundation of this high-profile project wasn't in danger.

Your solution to a better bidding process

Manage your next solicitation at

SolicitBid

Public agencies post plans for free

HEAVY/INDUSTRIAL

STATE ROUTE 520 PONTOON CONSTRUCTION

Location: Aberdeen

General contractor: Kiewit-General Joint Venture

Owner/developer: Washington State Department of Transporta-

tion

Primary designer: KPFF Consulting Engineers

Kiewit-General Joint Venture's state Route 520 pontoon designbuild project relied on innovation and team collaboration to overcome challenges and complete a difficult, fast-track project ahead of schedule.

The project involved two distinct elements: designing and constructing a 55-acre pontoon-casting facility, and constructing 33 concrete bridge pontoons designed by the Washington State Department of Transportation to support the new SR 520 floating bridge across Lake Washington. The pontoons weigh up to 11,000 tons and are up to 360 feet long, 75 feet wide and 28 feet tall.

The pontoon-casting facility, constructed at a former log yard in Grays Harbor County, included a concrete batch plant, on-site water treatment and a 4-acre pontoon-casting basin. At the completion of each cycle, the pontoons were launched out of the casting basin and towed to temporary moorage, inspected, and towed to Lake Washington for installation.

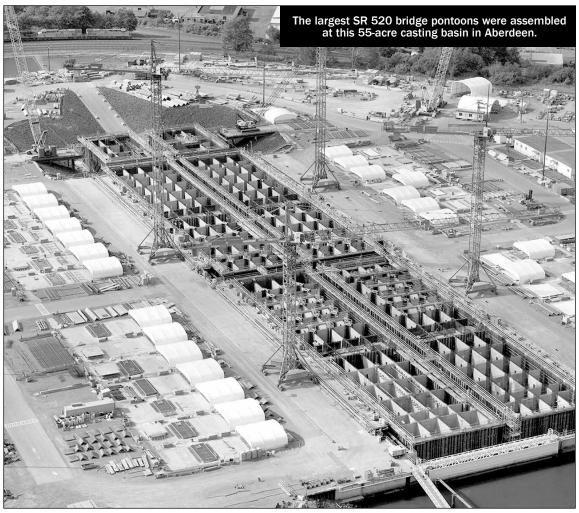


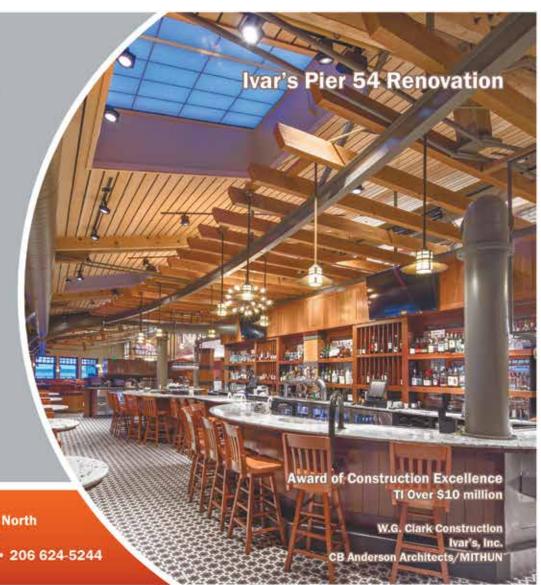
PHOTO COURTESY OF KIEWIT-GENERAL JOINT VENTURE

Exceptional craftsmanship and teamwork

Refreshes a Seattle waterfront classic

Congratulations to Ivar's and the Pier 54 renovation team.

A century-old building, historic pier, adjacent seawall construction and an unyielding schedule demanded intensive coordination and creative construction solutions.



W.G.CLARK CONSTRUCTION CO.

408 Aurora Avenue North Seattle, WA 98109 www.wgclark.com • 206 624-5244

HIGHWAY/TRANSPORTATION

US HIGHWAY 12 EMERGENCY REPAIRS

Location: White Pass **General contractor:** Granite Construction

Owner/developer: Washington State Department of Transportation

U.S. Highway 12 at White Pass was hit by a massive storm system on Dec. 7 last year. This three-day event produced precipitation exceeding historical levels for the month, overwhelming drainage structures and leading to failure of the roadway in three locations.

The Washington State Department of Transportation contacted Granite Construction on Dec. 9, and the company began repair work the next day.

next day.

U.S.12 had been closed to traffic because the roadway was unstable. Granite was contracted to stabilize the areas and open traffic to a single lane by Christmas. The deadline was placed to reassure holiday travelers and enable the White Pass Ski Area to conduct their seasonal operations.

Two of the work areas were repaired by Granite by using



PHOTO COURTESY OF GRANITE CONSTRUCTION

riprap to rebuild the slopes up to the roadway. The third was stabilized utilizing soil nails.

Other work included hot mix asphalt paving, culvert installa-

tion, guardrail, concrete barrier and traffic control. Work continued around the clock until U.S. 12 was reopened on Dec. 22, just 15 days after the rain hit.



UNDER \$5 MILLION

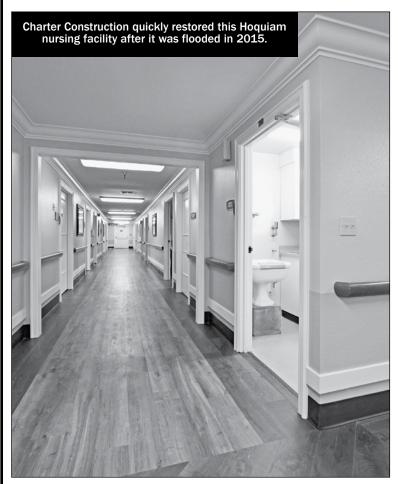


PHOTO COURTESY OF CHARTER CONSTRUCTION

PACIFIC CARE CENTER

Location: Hoguiam

General contractor: Charter Construction
Owner/developer: Pacific Care and Rehabilitation

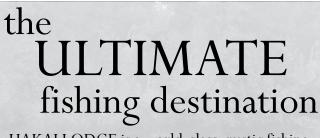
Primary designer: Cohan Architecture

Hoquiam's Pacific Care and Rehabilitation Center is a therapy and skilled-nursing facility with 93 staff members and 100 senior patients.

In January 2015, more than 7 inches of rain fell in just 24 hours, exceeding the center's ability to keep the water out. Patients had to be relocated to other facilities within the state. The staff was out of work and many lives were disrupted.

Charter Construction was given 90 days to get Pacific Care running at full capacity. All therapy equipment, kitchen equipment, living spaces, community spaces and nursing stations were removed.

Charter Construction worked with facility personnel, the Washington State Department of Health, the state Department of Social and Health Services, and city of Hoquiam officials to successfully return Pacific Care to a building that was better than the previous facility within the 90-day schedule.



HAKAI LODGE is a world-class, rustic fishing hideaway floating in the heart of the world's most famous trophy salmon fishing waters in remote British Columbia, Canada. Our 40 years' experience, abundant calm fishing grounds, scenic beaches, fantastic staff, and great dining are sure to provide a fantastic fishing getaway.

Fly-in packages from the shores of Lake Washington in Renton, WA now available.



HAKAI LODGE

British Columbia - Crophy Salmon Fishing

(800) 538-3551

Hakai Passage, British Columbia, Canada www.hakai-lodge.com

DON'T LET PUGET SOUND
SALMON CLOSURES GET YOU
DOWN THIS SUMMER.
B.C. IS LOADED WITH FISH
AND OPEN FOR BUSINESS!
CALL TODAY TO BOOK
YOUR RESERVATION.



PUBLIC BUILDING

UNDER \$10 MILLION

WSU WASHINGTON BUILDING THIRD-FLOOR RENOVATION

Location: Pullman

General construction: Absher Con-

struction Co.

Owner/developer: Washington State

University

Primary designer: BCRA Architects

Washington State University's Washington Building was originally constructed in 1928 and served as a public hospital for 57 years. In 2004, the building was renovated to its present use as the studenthealth services facility.

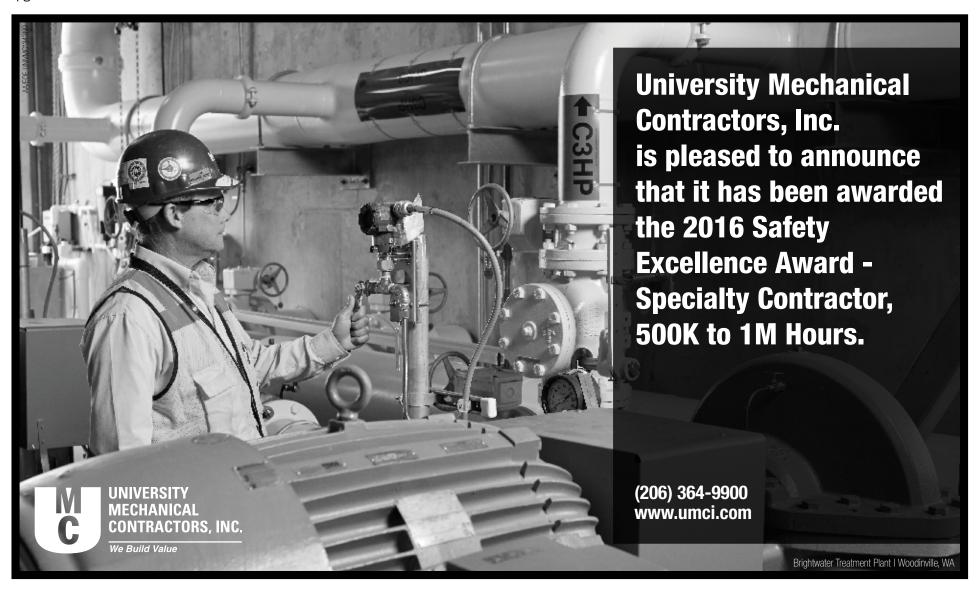
In 2014, the university hired Absher Construction Co.'s design-build team to renovate the building's third floor, which was previously used as a surgery unit. The project served to centralize Counseling and Psychological Services with the rest of WSU's health services.

The first and second floors remained fully occupied and operational for health care services, as well as for students requiring sensitive testing services.

Renovations included converting 17,300 square feet of existing third-floor space into offices, waiting rooms, testing rooms, practicum work rooms, break rooms, restrooms and storage. To modernize the space for its new use, Absher upgraded the mechanical, electrical, plumbing and firesafety systems, and completed acoustical upgrades.



PHOTO COURTESY OF ABSHER CONSTRUCTION CO.



It's a great honor to have several of our people and projects recognized by the AGC.





SAFETY EXCELLENCE
General Contractor
500.000+ worker hours







World-Class People.
Doing World-Class Problem Solving.
Every Day.



PUBLIC BUILDING

\$10 MILLION-\$25 MILLION

NAVAL BASE KITSAP-BANGOR SHOPS BUILDING

Location: Silverdale, Kitsap County

General contractor: Washington Patriot Con-

struction

Owner/developer: Naval Facilities Engineering

Command Northwest

Primary designer: BOE Architects

This design-build project provided a new facility to house the relocated naval support operations of three existing Puget Sound Naval Shipyard and Intermediate Maintenance Facility shop/storage facilities and an administration facility into one structure.

and an administration facility into one structure.

Unique features of the new building included a high-bay bridge crane, an indoor testing tower mezzanine, a level pad for testing requirements, and a secured work yard with lighting and blastrating structural requirements. The project also included solar-power requirements, off-site parking improvements and off-site stormwater-management improvements.

On-site improvements included a change order to revise the culvert system in the original contract to comply with state Department of Fish and Wildlife fish-passage requirements. This included enhancing the overflow/bypass culvert under an adjacent street to make the culvert suitable for fish passage, and rerouting the stream from the existing headwall over to the new overflow/bypass culvert under the street.

The project integrated sustainable design strategies and features to achieve LEED silver certification

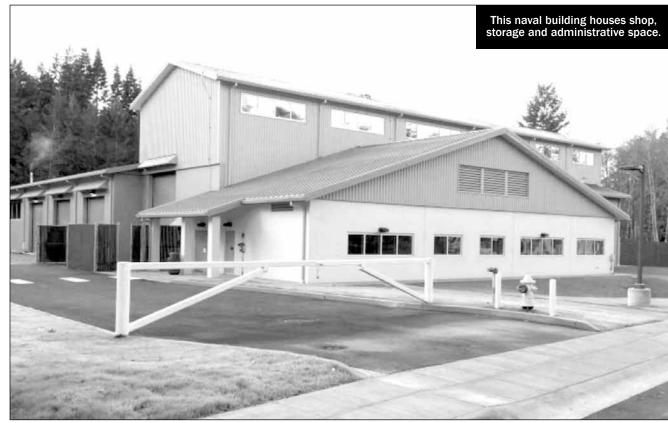


PHOTO COURTESY OF WASHINGTON PATRIOT CONSTRUCTION



We salute this year's AGC Build Washington Award nominees and winners, particularly in a complex business environment. Building on this foundation, we wish you continued success.

WWW.MOSSADAMS.COM/CONSTRUCTION

MOSS-ADAMS LLP

Certified Public Accountants | Business Consultants

PREMIER PROGRAMS PROVEN VALUE



AGC member Jeff Wells, Centennial Contractors Enterprises, Inc.

AGC MEMBERS ENJOY A BROAD RANGE OF BENEFITS THAT GO WELL BEYOND THE EXPECTED.

HEALTH **PLANS**

It's tough enough finding a health plan you can understand and afford. So join the many who've come to AGC for one of the most competitive health plans out there, with a wide choice of options, coverages and physiciansincluding HSA-approved high-deductible plans—as well as dental, orthodontia, vision, COBRA administration at no extra cost. And fully ACA-compliant, too. Plus, it's a plan that returns every penny of savings back to members.

GROUP JUNE 15 RETRO DEADLINE

AGC's top Group Retro program members enjoy annual workers'- comp premium refunds averaging 51% over the past twenty years, as well as the lowest administrative costs among workers' comp retro-rating programs, and refunds to members that are typically four to six times that of other top competing programs. It's all part of why our Group Retro program also has an industry-best 99% member-retention rate.

SAFETY **SERVICES**

You owe it to your field personnel to give them the very best resources. AGC brings you the most comprehensive safety training and services around. From a wide range of training programs and forums to a vast information resource library, advisory jobsite-safety audit services, focused inspections and much more, AGC gives you the very best tools with which to serve and protect your most valuable resource: your people.

RETIREMENT PLAN

AGC's retirement plan is a proven winner, providing you and your employees with some of the lowest administrative fees around, reducing your exposure and risk, and eliminating plenty of paperwork and hassle. And it's a plan that's built on a stable, rock-solid foundation with a proven record. It's just another one of many reasons why so many organizations have come to—and stayed with—

AGC of Washington.

INDUSTRY **ENGAGEMENT**

You're not fully connected with the construction industry unless you're connected with AGC. You can bet, though, that many of your peers and competitors are. From a regular offering of industry forums, forecasts and networking events to weekly news on everything from new technologies, business practices and the latest on the legislative and regulatory fronts, AGC is your eyes, ears and voice to the industry. You really need

to be here.

For more information about what AGC membership can do for your organization,

call today and talk with Membership-Services Manager Stacy Mullane at 206.284.0061, or email her at smullane@agcwa.com.



Associated General Contractors of Washington • 1200 Westlake Avenue North, Suite 301 • Seattle WA 98109 • 206.284.0061 • www.agcwa.com

PUBLIC BUILDING

\$50 MILLION-100 MILLION

UW MAPLE AND TERRY HALLS

Location: Seattle

General contractor: W.G. Clark Con-

struction

Owner/developer: University of Wash-

ington

Primary designer: Mithun

Maple and Terry halls are a 373,300-square-foot, two-building complex that houses over 1,100 students on the University of Washington's West Campus. It represents the final phase of the master plan for revitalizing student housing on West Campus.

The two buildings primarily include double-occupancy student housing units with private baths as well as efficiency apartments and studios. The below-grade parking garage spans both buildings and connects to an earlier-phase project, completing a three-building complex with connected plazas and outdoor spaces.

The facility includes new Housing and Food Services offices, a great room, gaming lounge, meeting/conference facilities, laundry facilities, indoor bike storage, music/band practice rooms, and rooftop lounge/study areas overlooking Lake Union, Portage Bay and the downtown skyline.

W. G. Clark Construction provided extensive pre-construction services, including constructability and material analysis, estimating, scheduling, LEED and sustainability analysis. The project is slated for LEED gold certification.

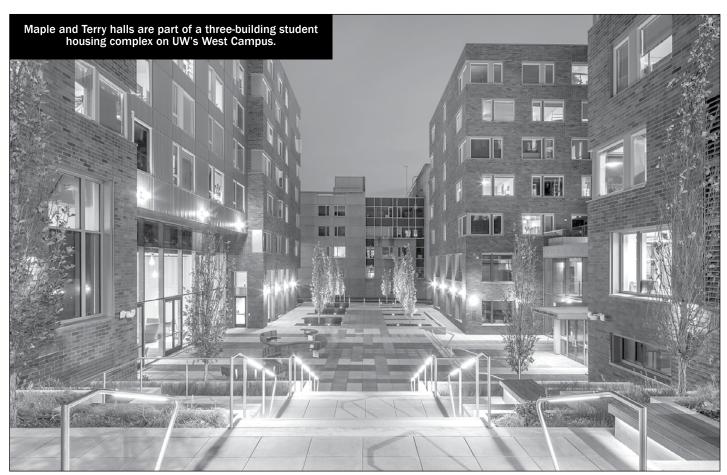


PHOTO COURTESY OF W.G. CLARK CONSTRUCTION

THANK YOU

Thank you to those that made the Toray Composites (America) Inc. Expansion a successful project. Together, with your hard work and expertise, we achieved AGC's award in construction excellence. Without you, this award would not have been possible.



© 2016 Toray Composites (America) Inc.



Acoustics Northwest
Air Systems
Alliance Steel Fabrication
CHG Building Systems
Chinook Refrigeration
Danard Electric
D.L. Henricksen
Franklin Roofing
Henderson Partners
Leonard and Company
Rhine Demolition
Smith Fire Systems
Sullivan Painting Service
Tacoma Plumbing

Thank you,
Merit Construction Northwest

PUBLIC BUILDING

OVER \$100 MILLION

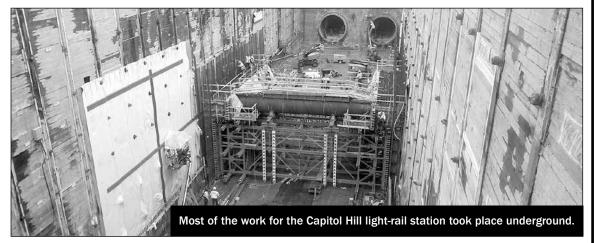


PHOTO COURTESY OF TURNER CONSTRUCTION CO.

SOUND TRANSIT CAPITOL HILL STATION

Location: Seattle

General contractor: Turner Construction Co.

Owner/developer: Sound Transit Primary designer: Hewitt

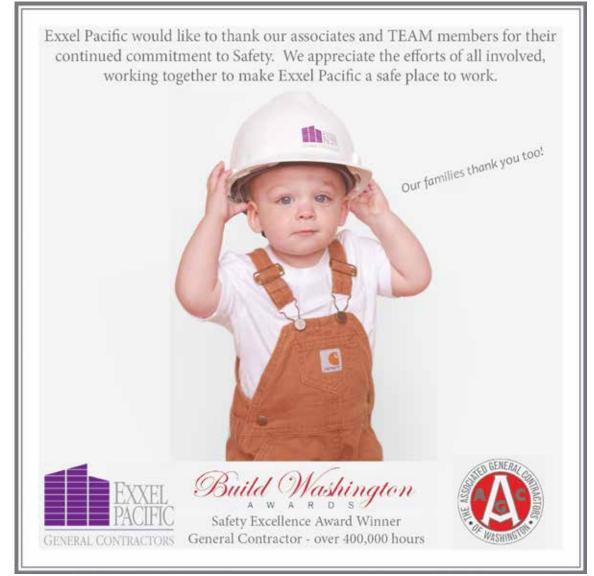
Sound Transit's Capitol Hill Station covers three discontinuous city blocks and required three disparate above-ground station entrances.

The north entrance is located at the intersection of John Street and Broadway, the west entrance is located on the west side of Broadway and is accessed by a cut-and-cover underground pedestrian concourse, and the south entrance is located

at Denny Way and Nagle Place

The light-rail station serves a densely populated neighborhood and business district, and connects people to downtown Seattle and the University of Washington.

Turner provided pre-construction and construction services for this complex project where 90 percent of the work was done underground. The scope of work included open-cut-retained excavation; below- and above-grade structures; vertical and horizontal waterproofing; station finishes, including conveyance systems and mechanical and electrical systems; and restoration of at-grade features, including streets, sidewalks and landscaping.



PRIVATE BUILDING

UNDER \$10 MILLION

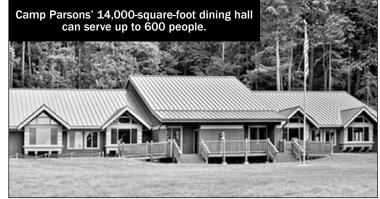


PHOTO COURTESY OF EXXEL PACIFIC

CAMP PARSONS BOY SCOUTS DINING HALL

Location: Brinnon, Jefferson County **General contractor:** Exxel Pacific

Owner/developer: Boy Scouts of America, Chief Seattle Council

Primary designer: Eysaman & Co.

Camp Parsons on the Olympic Peninsula is the home of the oldest Boy Scouts camp west of the Mississippi. Its new dining facility replaced a dining hall that had stood since the 1930s.

The 14,000-square-foot wood-framed, lodge-style structure features large, rough-sawn wood trusses to maintain an open space in the main dining hall. Hydronic floors heat the entire facility.

The new commercial kitchen is state of the art and was designed to serve over 600 people at a time. The large fireplace mantle and dining-service window have live-edge wood timbers that were cut from trees located in the camp and incorporated into the final design.

Camp Parsons' new dining facility allows the Boy Scouts to increase its capacity to have more scouts participate in the summer camp program each week.



PRIVATE BUILDING

\$10 MILLION-\$25 MILLION

BOEING 45-335 TEMPORARY MANUFACTURING FACILITY

Location: Everett

General contractor: Washington

Patriot Construction

Owner/developer: The Boeing Co. Primary designer: Coffman Engineers

The Boeing 45-335 project involved construction of a pre-manufactured metal building over an existing concrete slab to provide a facility for working on unfueled aircraft at Boeing's Everett plant. The project also included two modular support buildings to house additional workspace and restroom facilities.

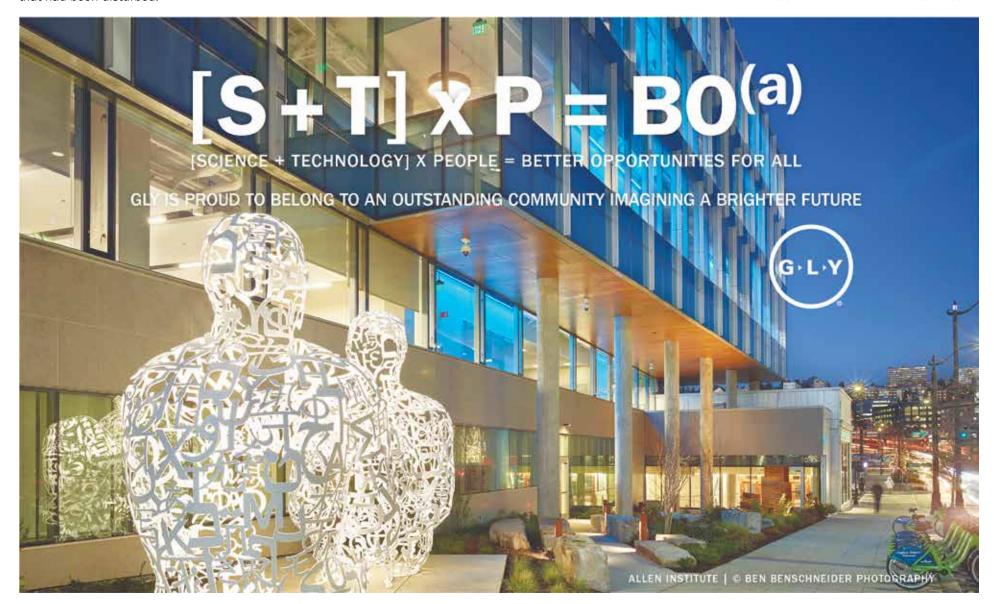
A substantial amount of scope was added during the construction phase, including an upgrade to the Very Early Smoke Detention Apparatus (VESDA) system in the plane stalls. Steel requirements were changed for structural wind loads and, being unable to tie into existing air systems, compressor scope was added. Additionally, water was not available near the building and had to be pulled in from elsewhere, and a metering system was added to all major utilities going into the building.

All this work was on an existing con-

All this work was on an existing concrete slab, so this additional work and scope required Washington Patriot crews to demolish and replace all the concrete that had been disturbed.



PHOTO COURTESY OF WASHINGTON PATRIOT CONSTRUCTION



PRIVATE BUILDING

\$25 MILLION-\$50 MILLION



PHOTO COURTESY OF MERIT CONSTRUCTION NORTHWEST

TORAY COMPOSITES OF AMERICA EXPANSION

Location: Frederickson, Pierce County **General contractor:** Merit Construction

Northwest

Owner/developer: Toray Composites of Amer-

ıca

Primary designer: BOE Architects

Merit's Toray Composites of America project involved an over-100,000-square-foot manufacturing plant expansion, including office space, manufacturing floorspace, warehouse space, employee locker rooms and a break room.

The building is composed of structural steel with concrete slab-and-grade beams and elevated concrete decks. The building envelope includes

insulated metal panels, storefront window systems and a 60-mil thermoplastic polyolefin (TPO) roof over metal deck and insulation.

The existing plant was a 24/7 facility, which added logistical challenges to the project. Work required connecting new electrical, mechanical and plumbing systems to the existing systems. Shutdowns were coordinated within small scheduling windows, limiting impacts so that production of the existing plant could continue.

Additional infrastructure included expansion of the fire, sewer and storm-drainage systems as well as parking. More than 60,000 square feet of asphalt paving and 132 parking stalls were added for employee parking and for better shipping and receiving flow to the plant.



PRIVATE BUILDING

\$50 MILLION-\$100 MILLION

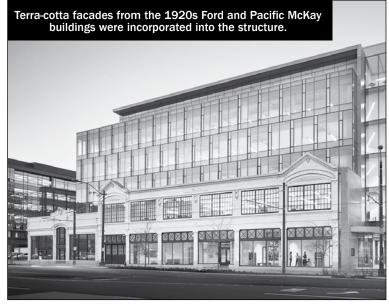


PHOTO BY NICK MERRICK

ALLEN INSTITUTE

Location: Seattle

General contractor: GLY Construction Owner/developer: Vulcan Real Estate Primary designer: Perkins + Will

At the confluence of architecture, science, technology and craftsmanship lies the Allen Institute — an elegant, 270,000-square-foot research facility. The earliest project goal was to allow the building to be as transparent as possible in a symbolic nod to the institute's core value of transparency.

Its seven stories house dry and wet labs, a data center, auditorium, collaborative work spaces, 9,000 square feet of retail space and underground parking.

Just like the mission of the institute depends on the collaboration of scientists from around the world, the spirit of teamwork was required to thoughtfully plan and execute this one-of-a-kind project. As part of an integrated team of architects, consultants and design-build engineers, GLY leveraged building-information modeling and lean-construction principles to resolve project challenges and meet the developer's goals for preservation and sustainability.

The building is certified Salmon Safe and targeting LEED gold.



PRIVATE BUILDING

OVER \$100 MILLION

AMAZON Phase VII

Location: Seattle

General contractor: Turner

Construction Co.

Owner/developer: Vulcan Real

Estate

Primary designers: NBBJ Architects, Al Interior Architects

Turner Construction Co. provided pre-construction and construction services for a 12-story office building shell and core and 317,000-square-foot tenant-improvement project.

The building is part of Amazon. com's headquarters expansion in Seattle's South Lake Union neighborhood.

This project included private and open offices, conference rooms and break areas on floors three through 12. The first floor has a reception area, interview rooms and a commissary kitchen, while the second floor houses training rooms, usability labs, a podcast room and a cafe.



PHOTO COURTESY OF TURNER CONSTRUCTION CO.

SAFETY EXCELLENCE



PCL Construction would like to congratulate its employees on receiving an AGC Build Washington 2016 Safety Excellence Award and on being a finalist to receive the Grand Award!

TOGETHER WE BUILD SUCCESS. www.pcl.com





Come home to Canyon River Ranch, your outdoor oasis nestled on the edge of the Yakima River Canyon. An all-season destination for private recreation and a residential community offering over 1,000 feet of private waterfront; it's your own private reserve for the outdoor enthusiast including public lands for hiking and hunting, Blue Ribbon fishing, a beautiful vineyard with annual wine allocation and spectacular canyon vistas. Relax year-round with 300 days of sunshine. **Discover more at CanyonRiverRanch.com**

Only 2 Hours from Seattle

PHASE ONE - SOLD OUT | PHASE TWO - NOW AVAILABLE FRACTIONAL HOME OWNERSHIP FROM \$129,000 | NEW CONDOS PRICED FROM \$575,000 | HOME SITES FROM \$190,000







FLY FISHING . UPLAND BIRD HUNTING . RIVER RAFTING . HIKING . HORSEBACK RIDING . WINERIES . GOLF . DINING

Realogics | Sotheby's

Each office is independently owned and operated. Seller reserves the right to change product offering without notice.

CONSTRUCTION MANAGER: SAFETY

UNDER 100.000 HOURS

CENTENNIAL CONTRACTORS ENTERPRISES

Centennial is committed to improving not only the health and safety of its employees but the industry as a whole.

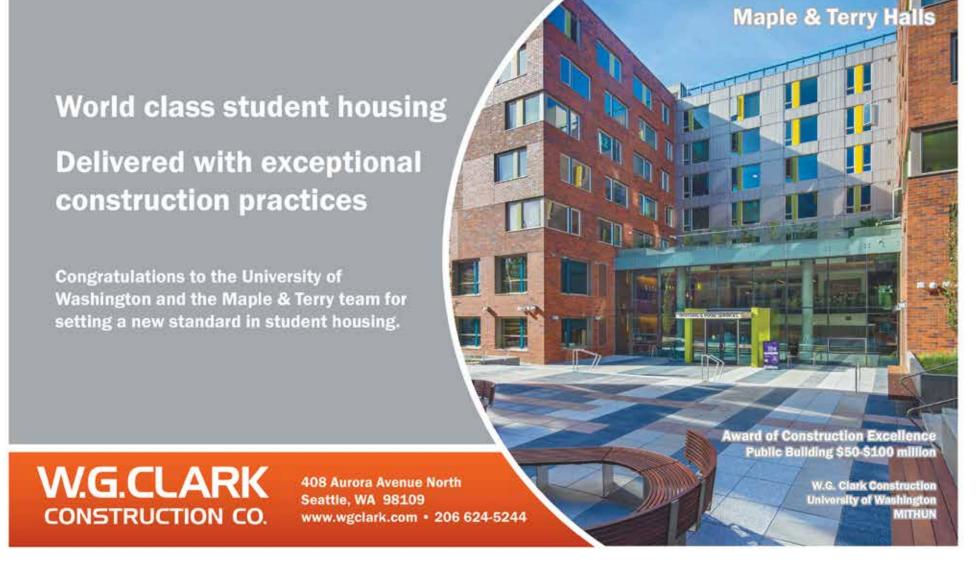
Over the past year, Centennial has been involved in several initiatives that positively impact the construction industry. One example is the development of safety training material regarding radio frequency and permit-required confined spaces, developed after renewing Centennial's formal alliance with Region 10 of the Occupational Safety and Health Administration.

Centennial developed a detailed, handson training session for graduating seniors from Central Washington University's Safety and Health Management program. The training was a one-hour presentation, during which students were instructed in the principles of jobsite safety.

Following the lecture, students had the opportunity to learn hands on with the use of the "sandbox" traffic-control training model — a 1:50-scale model roadway and channelizing devices kit that allowed them to create traffic-control zones to scale and solve problems in a variety of scenarios. Student feedback from these training sessions has been overwhelmingly positive and Centennial has begun to take steps to increase the versatility of this training model.



PHOTO COURTESY OF CENTENNIAL CONTRACTORS ENTERPRISES



SPECIALTY CONTRACTOR: SAFETY

250,000-500,000 HOURS

ANDGAR CORP.

Over the past 11 years, Andgar Corp. has become a specialty contractor that provides a high standard of safety for their general contractors. Andgar crews start each project equipped with the tools and training necessary to perform the job well and safely.

Andgar participates every year in the Shell Safety Day event, engaging all Shell plant employees in a full day of safety awareness. Andgar has also consistently participated in AGC's safety forums in Seattle and Bellingham over the past 11 years.

Andgar is a frequent participant in AGC's Safety Roundtable meetings. The company also brings in speakers to offer new perspectives on construction safety, including doctors, attorneys and more, as well as state Department of Labor and Industries representatives.

Andgar has always shared their safety policies and plans with other AGC members who may need support in bettering their safety program. At Andgar, it's about having their employees go to and from work accident- and injury-free each and every day.



PHOTO COURTESY OF ANGDAR CORP.

WE'RE ON YOUR TEAM.

When you work with Star Rentals, you add powerful players to your project team—pros that are skilled, knowledgeable, and easy to work with.

Star Rentals employees are the most experienced in the industry. From our extensive training and safety programs to our equipment expertise, you can count on us to deliver the goods. We make sure you get fast, responsive service, and headache-free billing.

Do we think it's important to be a team player? Absolutely.

100 YEARS OF OUTSTANDING SERVICE.

Star Rentals is the oldest, largest and most reliable independent rental company in the Pacific Northwest.





Auburn • Bellevue • Bremerton • Eugene • Everett • Hillsboro • Longview • Olympia • Pasco • Portland • Salem • Seattle • Spokane • Tacoma • Vancouver • Wenatchee • Yakima

SPECIALTY CONTRACTOR: SAFETY

500,000-1 MILLION HOURS



PHOTO COURTESY OF UNIVERSITY MECHANICAL CONTRACTORS

UNIVERSITY MECHANICAL CONTRACTORS

University Mechanical Contractors' commitment to industry safety helps drive safety on many of its projects, keeping the focus of the general contractor and assisting other specialty contractors with their safety concerns.

UMC employees are empowered to take ownership of the company's safety program and share ideas that keep the emphasis on safety. Three of Western Washington's major general contractors — Sellen, Hoffman and Skanska — have recognized UMC for this commitment.

UMC takes a proactive and inclusive stance on safety. The company strives to promote the safety of all workers in the industry by taking a leadership role in several organizations, and has invested its resources into representing and developing safety in the industry.

UMC's safety director sits on the Washington State Construction Advisory Committee and has served on several Division of Occupational Safety and Health task forces. UMC's safety director is also chairman of the safety committees for AGC of Washington and the Mechanical Contractors Association of Western Washington. Participation in these organizations is an effective way for UMC to share ideas and set standards that protect the overall safety of the mechanical industry.

UMC demonstrates leadership, fosters communication and seeks collaboration. Company management believes it is their responsibility to aid in the advancement of safety within the industry. To this end, UMC is dedicated to continual safety improvement in the mechanical industry.

SPECIALTY CONTRACTOR: SAFETY

Over 1 million hours



PHOTO COURTESY OF MACDONALD-MILLER

MACDONALD-MILLER

MacDonald-Miller is more like a family than a company. Their culture dictates that, first and foremost, employees will work safely regardless of the challenges they face. They believe that working safely provides a higher-quality product and allows their staff to work more productively.

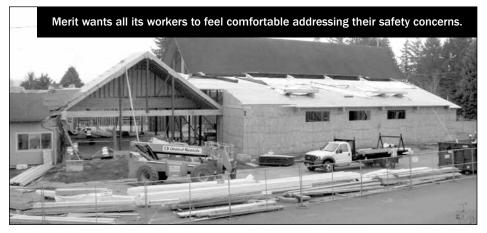
In the last two years MacDonald-Miller has teamed up with another employer and with the Sheet Metal and Mechanical Contractors Association of Washington (SMACNA) to create narrated safety presentations. These are provided free of charge to other SMACNA contractors in an effort to ensure that even the smallest contractors, who cannot afford their own full-time safety professional, will have access to out-of-the-box training classes on subjects like heat stress, asbestos/lead awareness, fall protection and more.

MacDonald-Miller's top goal for the coming year is to provide more arc-flash training to their technicians to ensure that they better understand the dangers of the use of RF (radio frequency) equipment. They created an RF class and purchased an RF meter to begin doing research on their sites to determine specific levels of RF on and around their projects.



GENERAL CONTRACTOR: SAFETY

[TIE] UNDER 150,000 HOURS



IERIT CONSTRUCTION NORTHWEST

Merit Construction Northwest believes that everyone — from the newest worker on

the job to the principal — should be equally responsible for safety.

The company stresses the importance of the "See Something, Say Something" concept so that any member, no matter their position, can feel at liberty to address safety concerns. This open communication allows for more accountability for each and every individual, and helps to keep not only Merit's crew members, but everyone on the jobsite, safe.

To continue pursuing excellence in safety, Merit stays up to date with the latest safety education and attends annual Construction Safety Day events. Any event the company can attend that opens the safety conversation and allows for reflection and application is of value.

Merit believes that all employees have the right to derive personal satisfaction from their job, and preventing occupational injury or illness is so important to this belief that it will be given top priority at all times.

The company will continue its tradition of excellence in safety and hold itself accountable to only the highest standards.

GENERAL CONTRACTOR: SAFETY

[TIE] Under 150,000 Hours



PHOTO COURTESY OF TUNISTA CONSTRUCTION

Tunista Construction believes that as a member of the construction industry it is important to lead by example. Tunista leads through their people, their quality of work, their attention to detail in safety and through their stakeholders.

In 2015, Tunista participated in the annual National Safety Week program, which is an extension of how they perform and provide awareness of their program to their employees each day of the year.

The leadership they have provided throughout Alaska, Washington, Texas, Louisiana and Missouri has assisted many other small businesses in improving safety programs and providing better access to training, better planning and other lean-construction measures.

These efforts have greatly impacted Tunista and other partner firms.





Safety is our culture. Recently MacDonald-Miller has been recognized as a leader in workplace safety and health. We are proud of our safety record and even prouder to be considered a leader in this important aspect of the workplace. Safety is our career.



WASHINGTON & OREGON

macmiller.com 1-800-962-5979

GENERAL CONTRACTOR: SAFETY

150,000-300,000 Hours

PCL CONSTRUCTION SERVICES

PCL Construction has both internal and external processes that are geared toward improving safety in the construction industry.

An entire section of the company's Health, Safety and Environment (HSE) manual is dedicated to trade-contractor safety management, detailing various safety-management processes that their sub trades will be expected to comply with when working on PCL projects. By drawing sub trades into the many elements of their HSE program, PCL helps them to grow their own program. In recent years many of PCL's sub trade partners have adopted one or more of PCL's HSE processes as their own.

PCL is also now in its fourth year of conducting craft safety workshops — hour-long discussions with all craft workers (both PCL and sub trades) about safety values, encouraging individuals to reflect on their commitment to working safely and addressing barriers to achieving the zero injury goal.

PCL has also recently conducted Safe Start meetings with executives of their sub trade partners, held near the beginning of each new project and periodically during the life of the project. These sessions help to explain PCL's commitment to working safely and obtaining the sub-trade executives' buy-in to the PCL program. Safe Start sessions have now been conducted on four different PCL projects.

PCL has also supported the Safety and Health Management (SHM) program at Central Washington University. Since 2009, PCL has offered one or two internships each summer where the student gets the opportunity to experience what a safety professional does. The company also is an active participant in the Industry Advisory Executive Council for the SHM program, helping to shape its curriculum.

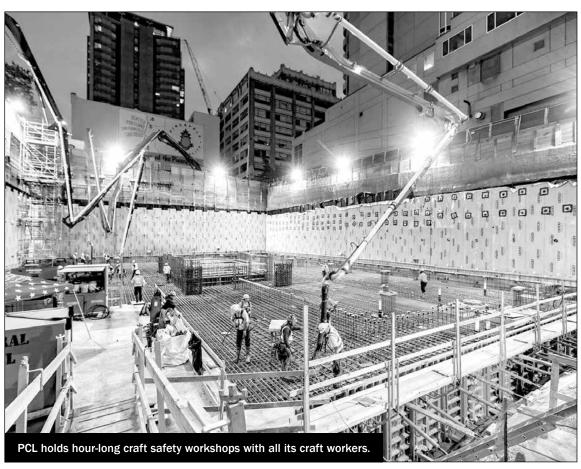


PHOTO COURTESY OF PCL CONSTRUCTION SERVICES

GENERAL CONTRACTOR: SAFETY

300,000-500,000 HOURS

EXXEL PACIFIC

Exxel Pacific believes that sharing best safety practices and lessons learned within the community is vital for continuous improvement. Exxel takes every opportunity to accomplish this with its subcontractors and other general contractors, as well as on educational project tours with Central Washington University Safety and Health Management and Construction Management students.

Exxel continues to work with and support its subcontractors with their safety programs and continual development. Exxel believes that going above and beyond the required minimum is the right thing to do and makes a difference with improving safety in the industry.

The company is engaged in the industry as well. For the last three years, Exxel has hosted the state Department of Labor and Industry's Introduction to Construction field trip for new hires on jobsite tours, and hosted L&I at another project last year. During these tours, Exxel's superintendent explains the construction process and sequence, and answers questions.

Joe Sadler, Exxel's director of safety, has been a speaker for L&I's Blueprint for Safety event and has also presented the How Do You Communicate Safety Effectively and Make it a Personal Issue program to the AGC's Future Leadership Forum.

Exxel has expanded its safety department staffing, going from two safety professionals and one safety coordinator in 2015 to adding five new safety coordinators in 2016. Other recent safety advancements include investing in Werner podium ladders to increase ladder safety, enhancing its crisis emergency-management program, expanding technical training for its safety-coordinator staff, and working to become the best educated, most knowledgeable and best construction safety department in the Pacific Northwest.



PHOTO COURTESY OF EXXEL PACIFIC



PROJECT MANAGER OF THE YEAR

SUSAN MCCANTS TURNER CONSTRUCTION CO.

Susan McCants' strong communication style is what sets her apart as a leader in the industry.

On her most recent project, Sound Transit's Capitol Hill Station, she hosted daily hot-list meetings to address issues needing immediate resolution. In this collaborative environment the team was able to identify solutions to put into effect immediately, such as expediting the request-for-information process, which ultimately streamlined documentation on the project.

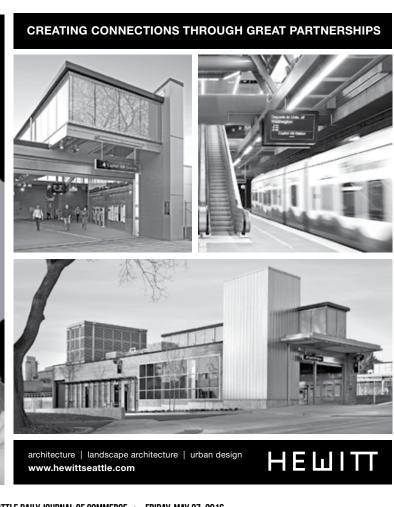
McCants also coordinated with other contractors on the project, fostering an open and transparent relationship with them, working toward common goals and for the benefit of Sound Transit. When scheduling work that would impact adjacent contractors, she led a detailed coordination effort to ensure that activities and testing would occur safely. Readiness-review meetings were a part of this effort, ensuring that other contractors' work areas were clear and safe

contractors' work areas were clear and safe.

McCants also used site walks to foster solutions to field issues and create a safe environment, holding weekly walks with the architect, engineers and subcontractors to discuss any issues and determine solutions in the field. McCants also held weekly safety stand-downs where the safety topic correlated with the current field work.









BRIAN SALSGIVER SAFETY PROFESSIONAL OF THE YEAR

JEREMY TAYLOR TURNER CONSTRUCTION CO.

Jeremy Taylor, Turner Construction's safety director, has been influential in creating a proactive safety environment, paving the way for the company's best safety record in 40 years.

Turner's overall safety metrics have significantly improved with Taylor's leadership. From 2014 and 2015, Turner's recordable incidents fell from 13 to three, and lost-time incidents from two to zero — all while total worker hours increased by 7 percent.

Taylor accomplished this by empowering his safety team to work closely with field workers and subcontractors to understand safety concerns and create solutions to address them. Taylor and his safety team fully established Turner's Building L.I.F.E. safety program on all projects; created a "safety dashboard" on Turner's internal SharePoint site to streamline access to safety documents; and revamped jobsite orientations to audible orientations in both English and Spanish, helping to break down the language barrier and give workers confidence in fully understanding all safety rules and regulations.

Taylor also required the safety staff to take ongoing education and get involved with outside safety organizations. Encouraging his staff to learn more makes the whole team stronger and makes the jobsites more knowledgeable, safer places to work.

Taylor's motto is, "Safety is not private, it should be shared so everyone can learn from mistakes for a safer future." Additionally, he implemented a cut-resistant glove requirement policy on all jobsites, and developed a stilt-use policy to help ensure that jobsites are taking the proper safety precautions required for safe stilt use.

Taylor is active in Seattle's safety community as an OSHAS 18001-certified auditor, is a panel member for the Construction Management Association of America, a district representative for the AGC Safety Team, and a qualified CPR first-aid trainer. He is a frequent guest speaker at various young-professional events, and a board member of Rebuilding Together Seattle.









WA Patriot is proud to be recognized with **Two AGC 2016** *Build Washington* **Awards**for *Construction Excellence*

45-335 Temporary Manufacturing Facility Team

Client: The Boeing Company Designer: Coffman Engineers

Major Specialty Contractors: VECA Electric, MacDonald-Miller, CHG

Building Systems, and Thomco Construction

Relocate & Consolidate PSNS & IMF Shops Team

Client: NAVFAC Northwest

Designer: BOE architects, AHBL, BCE Engineers

Major Specialty Contractors: Danard Electric, NW Cascade, and

Stirrett Johnsen

While we cannot list all who contributed to these projects, we know our projects could not have achieved success without the support of all of our specialty contractors and team members.

Many thanks to all who contributed on these projects!



P. O. Box 339 | Gig Harbor, WA 98335 | PH: (253) 853-2304 | FAX: (253) 853-5921 www.wapatriot.com

SUPERINTENDENT OF THE YEAR

KELLY ALGER PCL CONSTRUCTION SERVICES

Throughout his 16-year career with PCL Construction Services, Kelly Alger has been a leader on the safety front.

Time and again, he has demonstrated his commitment to safety by being the first to cross the finish line in many areas. Alger was the first PCL employee to complete all company-required safety training and was one of the first supervisors to achieve the Safety Trained Supervisor designation from the Board of Certified Safety Professionals.

In the biggest first of all, Alger became the first superintendent in PCL history — in the entire country — to achieve the Construction Health and Safety Technician (CHST) designation. The CHST is normally obtained by safety professionals a few years into their career, not superintendents.

Alger began with PCL as a carpenter, then became a crew supervisor, where he joined the district safety committee and became the longest-serving member, with almost seven years of near-perfect attendance. He has inspired others with his vision of an injury-free project by instituting several safety "firsts." He started supplemental safety orientations for workers on the central core and open-floor edge perimeters, providing additional instruction on how to eliminate dropped objects. Alger also started holding weekly focus group meetings to have more intensive discussion and training on safety challenges.

It takes a leader with vision and involvement to achieve results in any endeavor. Kelly Alger has amply demonstrated these qualities in the area of construction safety. His commitment to injury-free work benefits not only PCL Construction, but all of those who work with them.





Ashbaugh Beal

Ashbaugh Beal is a proud member of the AGC of Washington!
For over 25 years, we have represented businesses in the areas of
Construction Law, Insurance Recovery, Corporate/Securities and
Commercial Litigation.

CONGRATULATIONS TO ALL OF THE 2016 BUILD WASHINGTON AWARD WINNERS!



www.ashbaughbeal.com