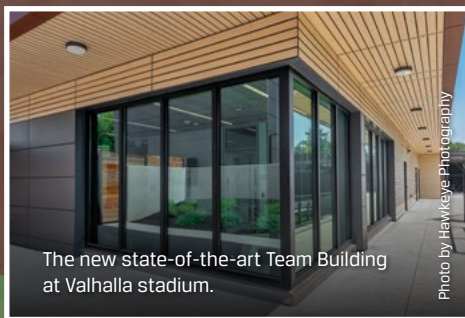


The Silicon Valley Wire

The latest news from the electrical industry in Silicon Valley

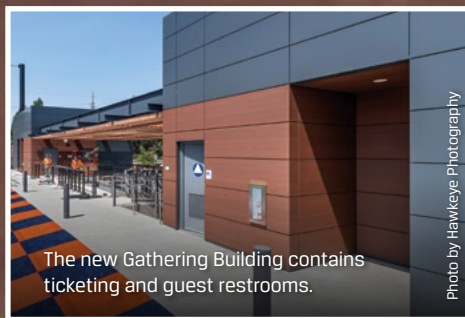
4th Quarter 2023

West Valley College Baseball Complex Gets A Facelift From Pfeiffer Electric



The new state-of-the-art Team Building at Valhalla stadium.

Photo by Hawkeye Photography



The new Gathering Building contains ticketing and guest restrooms.

Photo by Hawkeye Photography

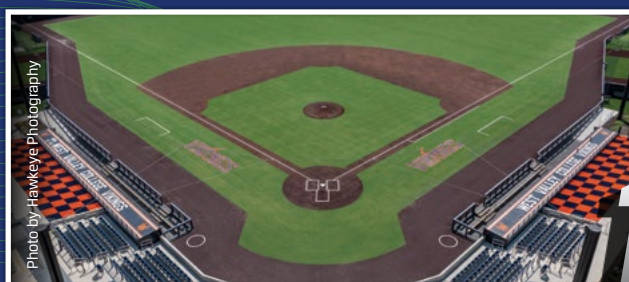


The new Valhalla features a modern pitching lab and expanded batting cages.

Photo by Hawkeye Photography

The West Valley College baseball field at Valhalla stadium in Saratoga, CA is known as one of the most beautiful baseball venues in the Coast-North Conference. The stadium complex has recently undergone a complete renovation and is slated to reopen for the upcoming Spring 2024 season. With the help of Pfeiffer Electric, the new Valhalla is equipped with state-of-the-art electrical, AV, telecom, fire alarm and security systems.

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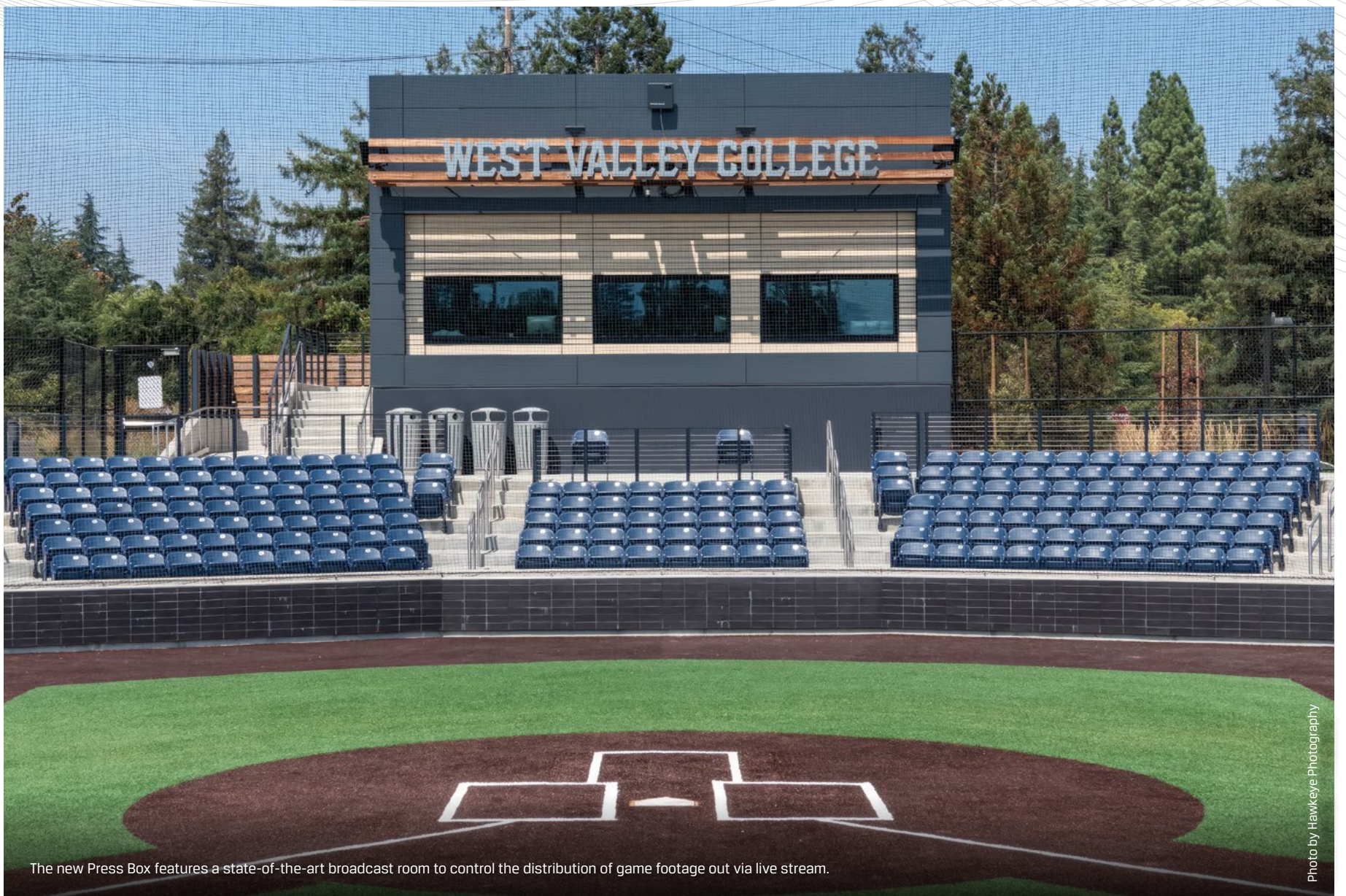
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The new Press Box features a state-of-the-art broadcast room to control the distribution of game footage out via live stream.

Photo by Hawkeye Photography

West Valley College Baseball Complex Gets A Facelift from Pfeiffer Electric

The 15.3 acre West Valley College Baseball Complex in Saratoga has a new baseball field and four new buildings, equipped with high resolution video cameras, professional broadcast cameras, TV's and other AV bells and whistles, thanks to Pfeiffer Electric. In addition to distributing the AV, Pfeiffer Electric also connected the electric to all the new buildings, as well as cabling the telecom, fire alarm and security systems.

West Valley College is a public community college that belongs to the California Community College Athletic Association (CCCCA), in the Coast-North Conference. It is part of the West Valley-Mission Community College District. West Valley's baseball field at Valhalla stadium is known as one of the most beautiful baseball venues in the CCCCCA.

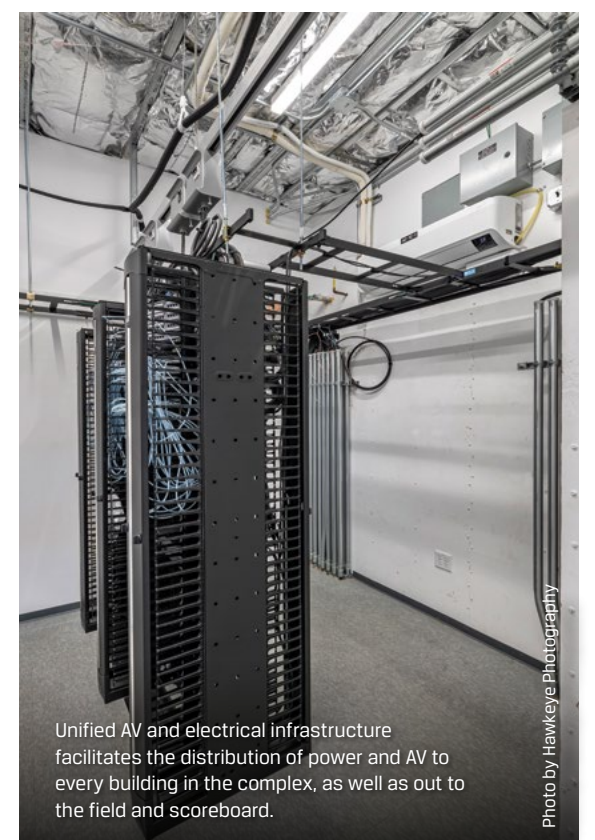
The modernization project converted the existing field at Valhalla from natural grass to artificial turf, and added new and expanded dugouts, a state-of-the-art press box and sound system, new locker rooms and guest restrooms, a new team building, expanded batting cages and storage areas and a new modern pitching lab.

Pfeiffer began work on the project in September of 2021 with a budget of \$2,550,000. Pfeiffer worked with eight electricians and sound and communications technicians from the International Brotherhood of Electrical Workers (IBEW) Local 332 in San Jose. The project was completed in spring 2023.



Pfeiffer Electric Team Members (left to right): Brittany Allen, Vaughn Hanamoto and Cody Castro

Photo by Hawkeye Photography



Unified AV and electrical infrastructure facilitates the distribution of power and AV to every building in the complex, as well as out to the field and scoreboard.

Photo by Hawkeye Photography



Inside the new Team Building, where coaches have screen access to real-time player action via live-stream.

Photo by Hawkeye Photography

The four new buildings include a gathering building, pitching lab, team building and press box. The gathering building contains the main seating area, ticketing and guest restrooms. The new pitching lab and batting cages provide players with space to practice and develop their form. Several high-resolution video cameras were installed in the batting cages and pitching lab to record players movements so they can be viewed by coaches working nearby in the team building.

The new team building includes the team locker room, the coaches' rooms, restrooms, and the umpire break room. AV screens in the coaches' rooms and team locker room enable the coaches to watch the players in the pitching labs and batting cages in real time via live

stream. Footage can also be replayed in the coaches' rooms and in the offices at a later time. This method gives players and coaches easy access to AV footage to analyze and improve pitching form and swing mechanics.

Much of the AV system goes back to the new press box, which includes a state-of-the-art broadcast room to control the distribution of game footage out via live stream. There are numerous broadcast cameras stationed throughout the complex offering professional-level views during games including a new centerfield camera that provides a view of the pitcher's back and full view of home plate. The new sound system and speakers offer improved sound quality of real-time game commentary by announcers in the press box.

Pfeiffer Electric connected all AV equipment using fiber optic cables, so that the underground fiber backbone works to provide a unified infrastructure. The AV comes in at the Fox Building, adjacent to the project. Pfeiffer pulled the main fiber optic lines from the Fox Building to some very large in-ground junction boxes in the baseball complex. From there, thousands of feet of conduit goes to every building in the complex, and out to the field and the scoreboard. Cal Coast Telecom was subcontracted by Pfeiffer to terminate the AV connections and provide the physical AV equipment.

Pfeiffer Electric also installed a new medium voltage transformer to supply the power needed to meet the requirements of the new baseball complex. In addition to increasing the



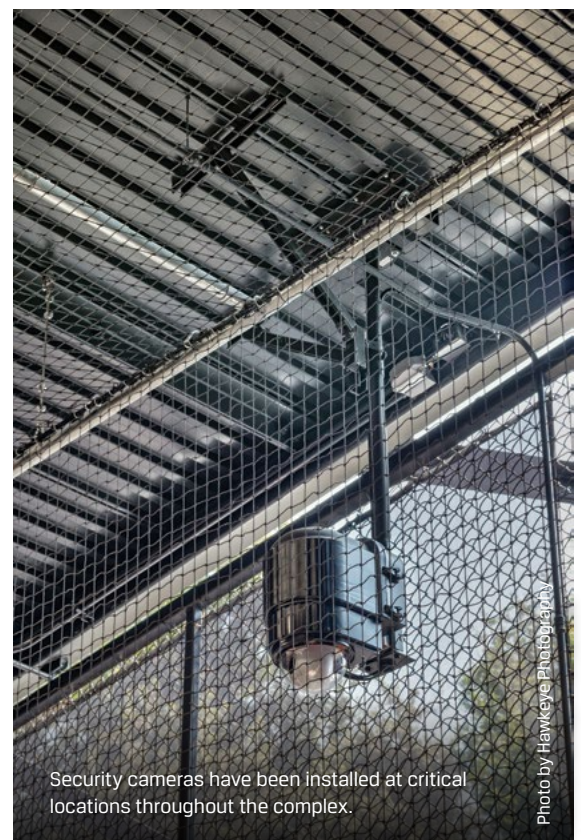
New security system features a unified alarm system, security cameras and card readers.

Photo by Hawkeye Photography



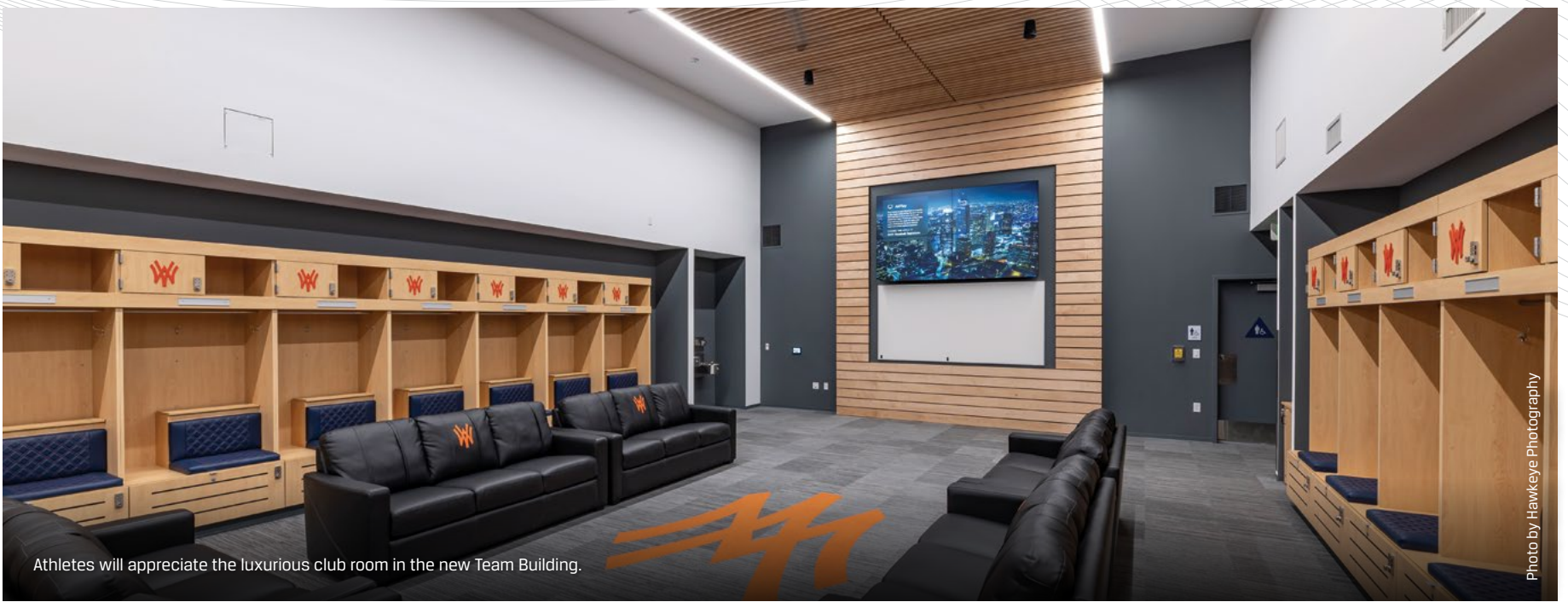
Electronic access card readers provide access control and heightened security.

Photo by Hawkeye Photography



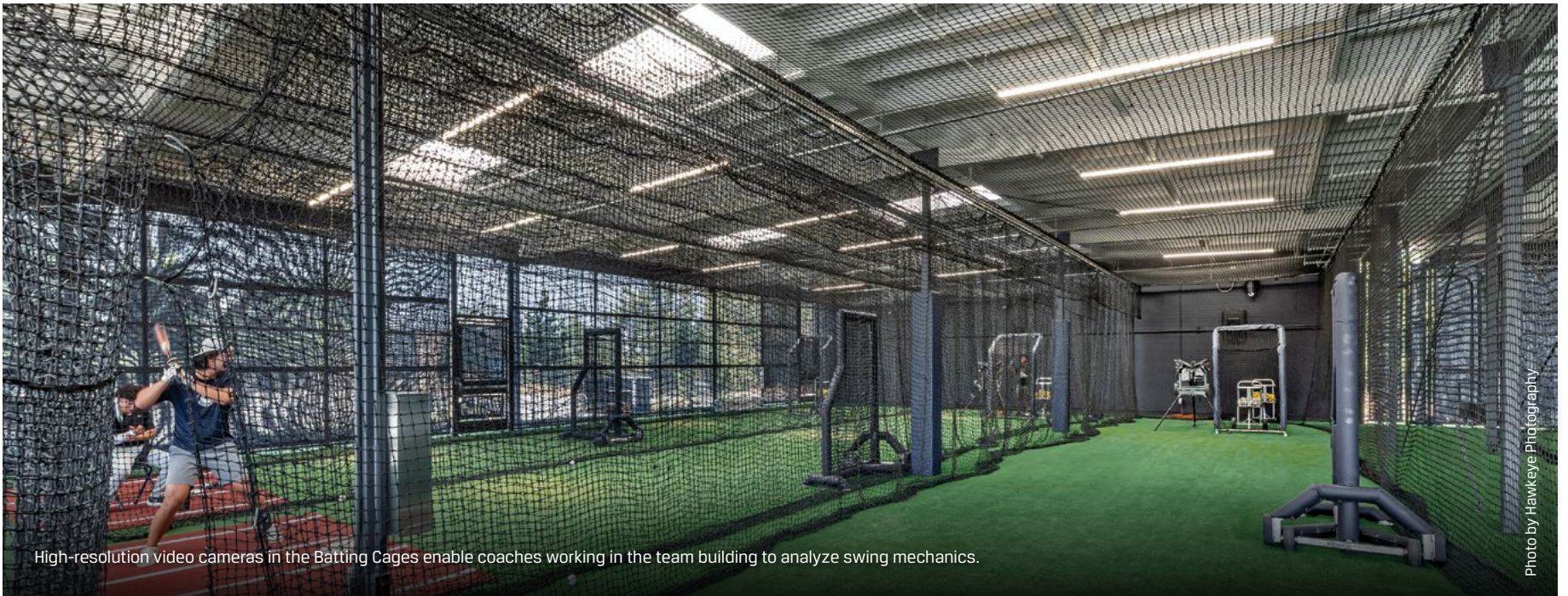
Security cameras have been installed at critical locations throughout the complex.

Photo by Hawkeye Photography



Athletes will appreciate the luxurious club room in the new Team Building.

Photo by Hawkeye Photography



High-resolution video cameras in the Batting Cages enable coaches working in the team building to analyze swing mechanics.

Photo by Hawkeye Photography

size of the transformer, Pfeiffer provided a new switchboard located behind the batting cage that provides more power to the transformer.

For the telecom system, Pfeiffer provided all of the conduits, raceways, boxes and pathways for the telecom, with Cal Coast pulling the fiber optic and Cat6 cable and terminating the connections.

Pfeiffer installed a Notifier by Honeywell fire alarm system throughout every building. The main fire alarm panel is located in the team building. All the other fire alarm devices connect back to the main panel underground. All fire alarm raceways are put in underground, interconnecting all the buildings. The fire alarm system for the entire baseball complex is monitored in the general office.

Pfeiffer Electric also installed a security system, with everything interconnected underground. The company installed 9 card readers and 5 security cameras at critical doors, along with an alarm system.

For more information about Pfeiffer Electric, contact Chris Brookmeyer at (408) 436-8523 or cbrookmeyer@pfeifferelectric.com.

WEST VALLEY COLLEGE BASEBALL COMPLEX PROJECT TEAM

- OWNER:**
West Valley-Mission Community College District
- ARCHITECT:**
DLR Group
- CONSTRUCTION MANAGER:**
Kitchell Corporation
William Simons, Project Manager
- GENERAL TRADES CONTRACTOR:**
Rodin Construction
- ELECTRICAL CONTRACTOR:**
Pfeiffer Electric
Dave Goossens, Project Manager
Vaughn Hanamoto, General Superintendent
Cody Castro, Foreman
Kevin Lucas, Estimator
- COMMUNICATIONS SUBCONTRACTOR:**
Cal Coast Telecom
- ELECTRICIANS AND TECHNICIANS:**
8 from the International Brotherhood of Electrical Workers (IBEW) Local 332, San Jose



The new sound system and speakers offer improved sound quality of game commentary by announcers in the press box.

Photo by Hawkeye Photography



Pfeiffer installed a Notifier by Honeywell fire alarm system throughout the complex.

Photo by Hawkeye Photography



Exterior lighting provides safety and security after dark.

Photo by Hawkeye Photography



Electrical Training Alliance Of Silicon Valley Hosts Annual Western States Electrical Contest



The Electrical Training Alliance of Silicon Valley was the proud host of the 56th annual Western States Electrical Contest on August 25-26, 2023 in Milpitas, CA at the new electrical training center for IBEW Local 332 and the NECA Santa Clara Valley Chapter. The event drew 18 contestants from 5 states, representing top graduates from JATC programs in California, Idaho, Oregon, Utah and Washington.

"It was a real honor to host the talented apprentices from JATC programs from across the West here in the heart of the technology industry. Our new, state-of-the-art electrical training center was the perfect location for hosting this esteemed contest. It was a real thrill watching the apprentices battle it out – the level of competition was an impressive display of union excellence."

Albert Lancaster, Training Director of the Electrical Training Alliance of Silicon Valley.

Each year, local unions and NECA chapters from across the Western U.S. send their best apprentices to compete in this grueling test of skill and knowledge. The contest provides an opportunity for enthusiastic apprentices to demonstrate their newly-acquired electrical skills by competing in hands-on challenges and written assessments against other top apprentices. The competitors are tested on their capabilities in residential wiring,

materials identification, motor control logic & motor control wiring, and 1/2" and 3/4" EMT conduit bending.

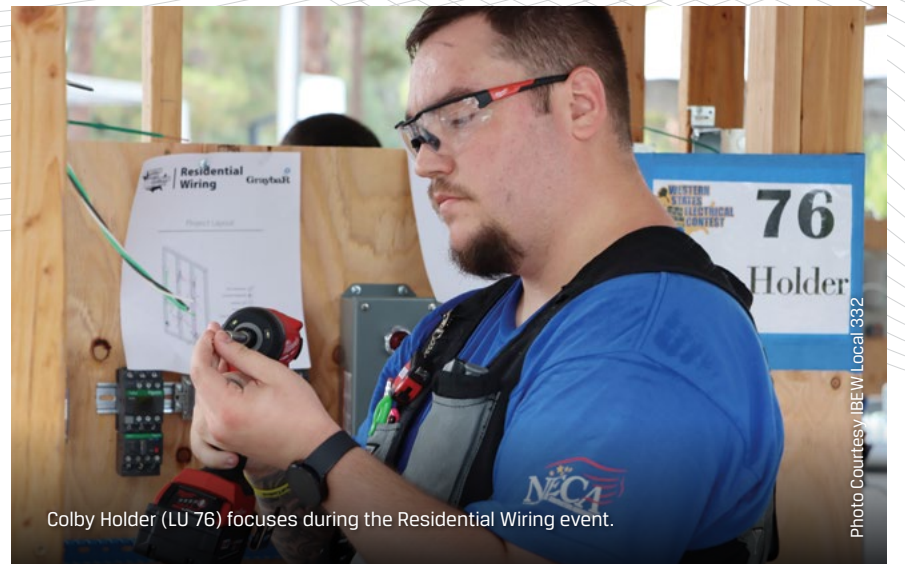
"It was a real honor to host the talented apprentices from JATC programs from across the West here in the heart of the technology industry," said Albert Lancaster, Training Director of the Electrical Training Alliance of Silicon Valley. "Our new, state-of-the-art electrical training center was the perfect location for





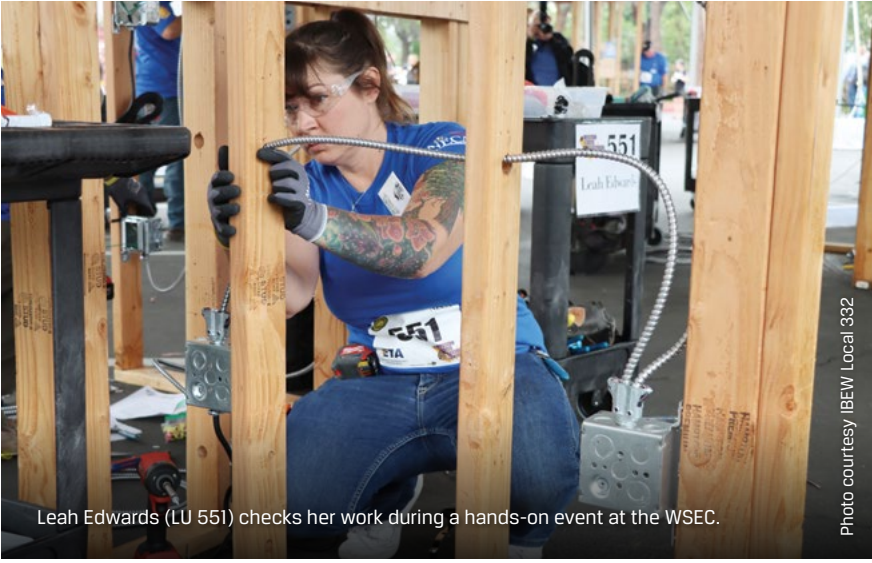
Caleb Hudspeth (LU 477) assesses his materials while competing at the 2023 WSEC.

Photo Courtesy IBEW Local 332



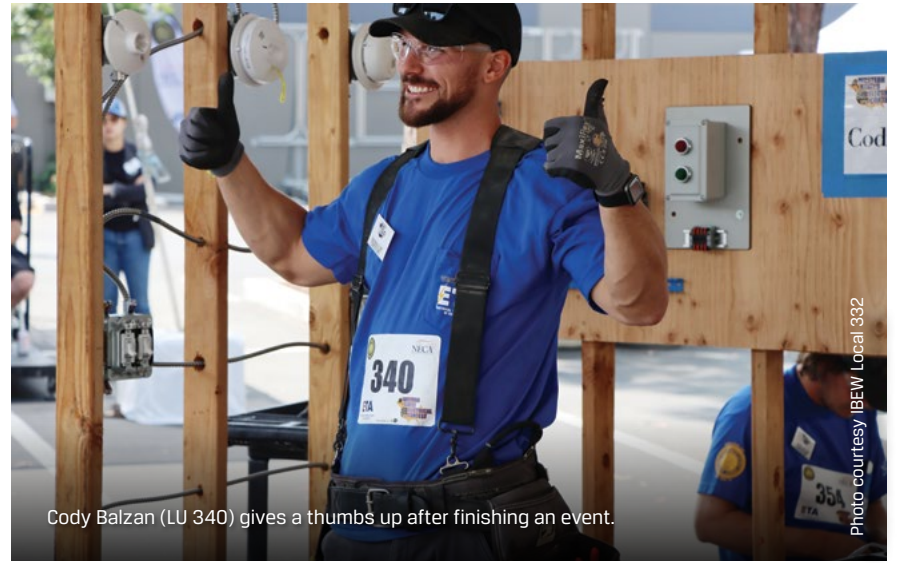
Colby Holder (LU 76) focuses during the Residential Wiring event.

Photo Courtesy IBEW Local 332



Leah Edwards (LU 551) checks her work during a hands-on event at the WSEC.

Photo courtesy IBEW Local 332



Cody Balzan (LU 340) gives a thumbs up after finishing an event.

Photo courtesy IBEW Local 332



Molly Muller (LU 280, Central OR) – 1st Place Overall winner, and winner of three Individual Events: Comprehensive Written Exam, Residential Wiring + Motor Control Wiring

Photo courtesy IBEW Local 332



Jesse Bingle (LU 354, Salt Lake City, UT) – 2nd Place Overall winner

Photo Courtesy IBEW Local 357



Robert John Schweiger (LU 112, Kennewick, WA) – 3rd Place Overall winner

Photo Courtesy IBEW Local 357

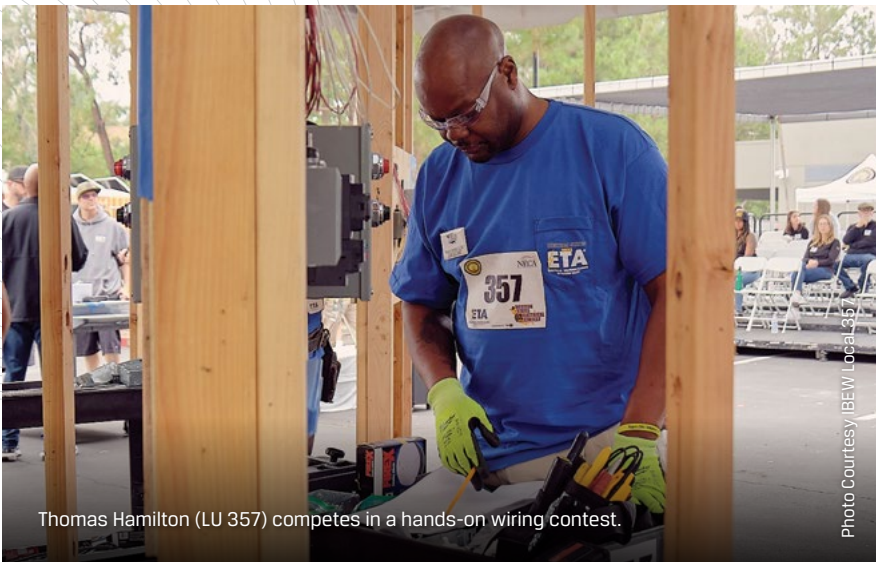
hosting this esteemed contest. It was a real thrill watching the apprentices battle it out – the level of competition was an impressive display of union excellence."

This year's event kicked-off Friday morning with a Golf Event at Spring Valley Golf Course in Milpitas. The official Welcome Reception was held at the Electrical Training Alliance auditorium on Friday evening before the gathering shuttled to Excite Ballpark in San Jose for a California League baseball game between the San Jose Giants and the Modesto Nuts.

The contest began Saturday morning with a 60-minute Written Exam, followed by the Hands-On Residential Wiring event and Written Motor Control Test. After lunch, the Motor Control Hands-On event, Materials Identification and Hands-On Conduit Bending contests were held.

The event culminated Saturday evening with the Awards Banquet Dinner. The Honored Speaker was Lee Bowman of Platt Electrical Supply, the longtime primary sponsor of the Western States Electrical Contest. Bowman recognized the outstanding performance of every contestant, and announced the individual event winners and 1st, 2nd and 3rd Place overall winners.

This year's 1st Place overall winner was Molly Muller from IBEW Local 280 in Central Oregon. Ms. Muller is the first woman ever to win the Western States Electrical Contest. She received the 1st Place trophy, a grand prize check for \$800, and was awarded the Carl Sorensen traveling trophy for display at her JATC in Oregon for the year. The 2nd Place trophy and \$650 prize was awarded to Jesse Bingle, IBEW Local 354, Salt Lake City, Utah. The 3rd Place trophy and \$450 prize was



Thomas Hamilton (LU 357) competes in a hands-on wiring contest.

Photo Courtesy IBEW Local 357



Jackson Watts (LU 100) works the angles during the Conduit Bending event.

Photo courtesy IBEW Local 332



Joseph Hagen (LU 6) focuses during the Conduit Bending event.

Photo courtesy IBEW Local 332



Contestants test their knowledge of electrical parts during the Material Identification event.

Photo courtesy IBEW Local 332

awarded to Robert John Schweiger, IBEW Local 112, Kennewick, WA.

All contestants received lavish Gift Sets which included items from generous contest sponsors: Milwaukee Tool, 3M, Greenlee, Southwire, Fluke, Ideal Tools, Procore and Harger. Event sponsor Schneider/SquareD also donated approximately \$10K of electrical devices for the contest

Dating back to 1963, the Western States Electrical Contest is held annually at a different JATC location within the region. The next contest will be hosted in 2024 by the Utah Electrical Training Alliance of IBEW Local 354 in Salt Lake City, UT.

The Electrical Training Alliance of Silicon Valley is the largest electrical apprenticeship in Northern California. ETASV partners with the International Brotherhood of Electrical Workers, the National Electrical Contractors Association, and Industry Partners to produce the most professional and highly trained electricians in the construction industry. For more information visit: www.ETASV.org

WINNERS OF THE INDIVIDUAL EVENTS

Comprehensive Written Exam

Molly Muller, IBEW Local 280, Central Oregon

Material Identification

Matthew Baptista, IBEW Local 332, Silicon Valley

Motor Control Written

Hector Mercado, IBEW Local 428, Bakersfield CA

Residential Wiring

Molly Muller, IBEW Local 280, Central Oregon

Motor Control Wiring

Molly Muller, IBEW Local 280, Central Oregon

Conduit Bending - 1/2" EMT

Matthew Baptista, IBEW Local 332, Silicon Valley

Conduit Bending - 3/4" EMT

Luis Ortiz, IBEW Local 595 East, Stockton, CA



Matthew Baptista (LU 332, Silicon Valley) – winner of two Individual Events: Material Identification + Conduit Bending - 1/2" EMT

Photo Courtesy IBEW Local 357



Hector Mercado (LU 428, Bakersfield, CA) – winner of Motor Control Written contest

Photo Courtesy IBEW Local 357



Luis Ortiz (LU 595 East, Stockton, CA) – winner of Conduit Bending - 3/4" EMT contest

Photo Courtesy IBEW Local 357



Electrical Training Alliance Of Silicon Valley Hosts The Annual Western States Electrical Contest



All Photos Courtesy IBEW Local 332

2023 WSEC Contestants

TOP ROW (LEFT TO RIGHT): Joseph Hagen (LU 6), Travis Greenfield (LU 46), Carl Martinez (LU 48), Colby Holder (LU 76), Jackson Watts (LU 100), John Schweiger (LU 112)

MIDDLE ROW (LEFT TO RIGHT): Molly Muller (LU 280), Matthew Baptista (LU 332), Cody Balzan (LU 340), Jesse Bingle (LU 354), Thomas Hamilton (LU 357), Hector Mercado (LU 428)

BOTTOM ROW (LEFT TO RIGHT): Conner Ebarb (LU 440), Caleb Hudspeth (LU 477), Leah Edwards (LU 551), Luis Ortiz (LU 595E), Alex Comendant (LU 595W), Joshua Vazquez (LU 617)

Each year, local unions and NECA chapters from across the Western U.S. send their best apprentices to compete in a challenging test of skill and knowledge at the annual Western States Electrical Contest. Hosted in 2023 by the Electrical Training Alliance of Silicon Valley, this year's event drew 18 contestants from 5 states representing top graduates from JATC programs in California, Idaho, Oregon, Utah and Washington.