

# CAPITAL PROJECTS SANTA ROSA JUNIOR COLLEGE



## SRJC's new central plant project will help achieve the District's sustainability goals

*An estimated savings of 6-7 million gallons of water annually*

SRJC is committed to sustainability and energy-saving projects that will reduce our carbon footprint and benefit our planet. Measure H, the \$410 million campus improvement bond passed by Sonoma County in 2014, includes energy conservation and sustainability measures on the allowed project list. Some of these

*—Central Plant, continued on page 2*



Lindley Center for STEM Education



Quinn Aquatics Center



**Bertolini Student Health Services Renovation** Read about the relocation of health services on page 3.



**Lounibos Center Classroom** Before and After Photos on page 6.

*A Look Ahead at our next issue: Media Services, ...and more.*



**SAVE THE DATE:**  
**Student Housing Groundbreaking**  
**October 22, 2021.**

—Central Plant, continued from page 1

projects include the Photovoltaic Project, which is reducing the District's greenhouse gas emissions by 7% and saving over \$800,000 in annual utility costs, and the LED Upgrades at the Santa Rosa and Petaluma campuses to improve light quality and classroom environments. When the switch to LED lights on all buildings on the campuses are complete, the expected annual utility savings for this project will be \$300,000.

The new Quinn Central Plant Project, which is replacing the old cogeneration plant (burnt down in 2015) will provide high efficiency heating and cooling to Bailey Hall, Maggini Hall, the future Lindley Center for STEM Education, Barnett Hall, Tauzer Gymnasium and the future 50 meter pool.

"The Central Plant will use specialized chillers and an electric boiler, allowing the college to use electricity to heat buildings and pools, reducing natural gas usage to only the coldest of days," said David Liebman, SRJC Energy and Sustainability Manager. "This project helps mitigate the college's risk to rising electricity and natural gas costs. Annual utility cost savings of \$150,000 are expected."

Another exciting feature of the Central Plant Project is the inclusion of a reclaimed water tank that will pump and catch fifty thousand gallons of water a day for irrigation use, toilet flushing, and process cooling. The tank will also serve as emergency fire water with a fire hose connection and emergency water supply for resilience.

"An estimated six to seven million gallons of water a year will be reclaimed," said Mr. Liebman, "and will help the college reduce its potable water consumption by close to twenty percent." The water utility cost reduction for the campus is factored at around \$90,000.

Other energy conservation and sustainability measures underway include the installation of water bottle filling stations throughout the District in order to provide students, faculty and staff access to clean filtered water while reducing plastic water bottle usage and associated health risks, installing electric vehicle charge stations across Petaluma campus, Santa



*All underground plumbing and electrical at the central plant is complete and work on the building underway.*

Rosa campus, Public Safety Training Center and Shone Farm. "We have many other sustainability projects underway," said Capital Projects Senior Director Serafin Fernandez. "Credit must be given to David Liebman, whose passion and commitment to clean energy and his aggressive pursuit of additional funding has resulted in the District's ability to



—Central Plant, continued from page 3

leverage Measure H funding. Thanks to his efforts, the District has received grants and rebates totaling more than \$6.4 million.”

One of these projects is the SRJC Urban Micro Grid Demonstration projects, currently under construction and funded by a \$5 million grant from the California Energy Commission. The grant funds the creation of battery storage designed to collect the energy created by the campus’s solar canopies. The combination of solar power and battery storage will allow the school’s essential buildings to operate independently of the local energy grid in case of emergency. It will help restore power after an event, promote clean energy, and increase community resiliency. The award-winning SRJC Urban Micro Grid Project, which aims to make the college’s energy usage equal to on-site renewable by 2030, has been showcased in presentations across the country.



## Bertolini Student Health Services Renovation On Schedule

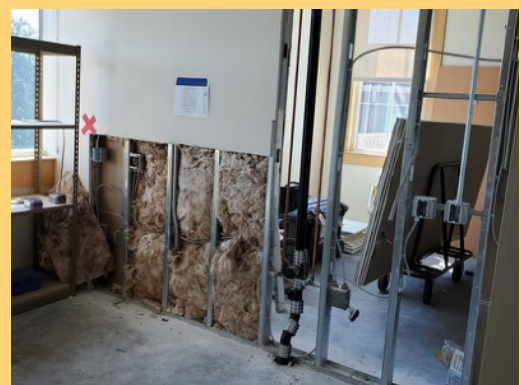
*Students to enjoy one stop convenience when returning for the spring semester*

Tenant improvements currently underway on the third floor of Bertolini Hall will allow the consolidation of Student Health Services (originally located in Plover and Race Halls) in one convenient location. The third floor renovation includes demolition to the reception area and ceilings, the reconfiguration and the addition of two health services offices, installing new carpet, painting and ceiling tiles as well as minor plumbing and mechanical work. The anticipated completion date of the new Bertolini Student Health Services is mid-November.

“Placing Student Health Services under the same roof as Student Psychological Services allows for a fully integrated model and enhanced collaboration between providers and therapists,” said Rebecca-Maria Norwick, Director, Student Health Services.

The California Work Opportunity and Responsibility to Kids (CalWORKs) Program, Extended Opportunity Programs & Services (EOPS), and Foster Youth Programs are all now located on the second floor of the Bertolini Student Center. The CalWORKs Program helps students on public assistance get access to vital services such as work study, job placement, childcare, curriculum development, skills training, and more. According to Rebecca Leville, EOPS Coordinator, and Amy Ethington, CalWORKs Advisor, the change of location “will allow all of our programs to partner in support of our common goal to help students most in need to accomplish their educational goals.”

*\* A Student Health Services moving date announcement will be released as soon as the date is finalized. \**



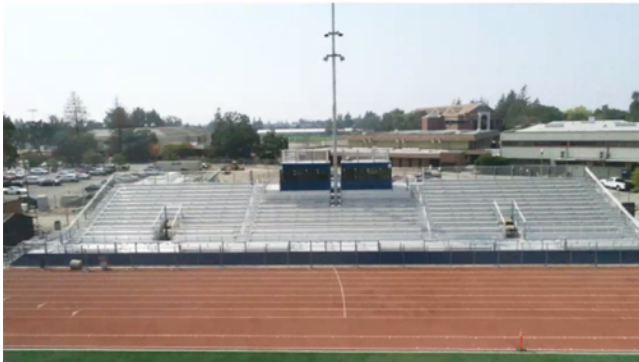
## Brief updates on three Santa Rosa campus projects:

### *Lindley Center for Stem Education...*



Construction began last month on the Lindley Center for STEM Education, which held a groundbreaking in June 2020. Project Manager Rhonda Ross, who joined the team in July, reported at the last Board Facilities Committee (BFC) meeting that work is progressing well. Scholars Drive Phase 1, Hardscape Construction started in April, with expected completion the end of September 2021.

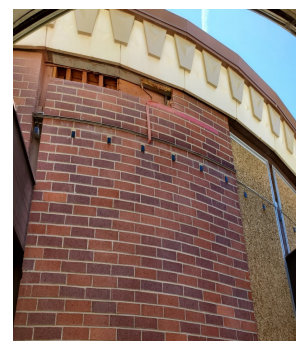
### *Kinesiology, Athletics and Dance, Phase 2...*



At Bailey Field, the concrete walkways and permanent fencing will be finished at the new stadium later this month. Once those items are complete, the stadium will be open to SRJC staff and the public. Framing, mechanical, plumbing and electrical is underway for the field house.

### *...and the Baker Hall Life Sciences Lab & Classroom Renovation*

The Baker Hall Life Sciences Lab and Classroom Renovation Project includes new exterior wood doors, four exterior rain screens, new cedar sitting benches and audio visual upgrades in thirteen classrooms. The installation of the exterior steel canopy began this week. The project is scheduled to be completed by December 2021.





**MEET THE SRJC CAPITAL  
PROJECTS TEAM:  
Project Manager Heather Chierici**



Heather grew up 15 minutes out of Peoria, Illinois, one of four sisters enjoying outdoor freedom.

“Our mother was into organic farming before it was cool,” said Heather. She was involved in 4-H and showed red angus cattle and cats. “We also had sheep, chickens and dogs, and animals I am forgetting. Mom liked raising her own beef, and she would sell eggs to teachers at our school.”

After Heather received an English degree with a specialization in writing from University of West Florida, she accepted an internship at a San Francisco textbook publishing house.

Heather didn’t like being “stuck in a cubicle” and quickly discovered it wasn’t for her. “I was like a cog in a machine, and I didn’t feel like what I did made any difference.” While figuring out her next move, Heather began temping at an electrical company located in offices below the publishing house. The electrical company recommended Heather to a small construction firm specializing in public works projects. The construction company quickly saw Heather’s potential and offered to train her as a project manager. “I feel I was apprenticed,” she said. It turned out to be a good fit. “I stayed with them for seventeen years,” she said. “Learning all aspects of the business. It’s nice to work for a small company, with no defined role. If you mess up, people notice. You also feel that what you do matters.”

Some of Heather’s early projects include a UC Berkeley’s archeological research facility renovation, constructing new East Bay elementary school and seismically retrofitting and updating a San Francisco Unified School District high school campus.

Before accepting her position at SRJC, Heather drew upon writing skills to serve as the company’s marketing director during her last year. Heather missed project management, so when given an

opportunity to join SRJC’s Capital Projects Team it was too good to pass up. “I enjoy using the soft skills needed for team building and problem solving—and I like seeing projects built.”

No commute was another perk. “I have lived in Santa Rosa for eighteen years. My home is only one mile away from the Santa Rosa campus. Most people in construction have crazy commutes. If need to run home for something, I am back in my office or on the job site in minutes. Work / life balance is important.”

Heather helped develop SRJC’s design-build process and contract, and she led the California Environmental Quality Act process for the Lindley Center for STEM Education.

Heather is project manager for the Kinesiology, Athletic and Dance Project (KAD). KAD Phase 1, the football field and track, was completed last summer. Phase 2, currently under construction, includes a new field house at Bailey Field which will house locker rooms for football, women’s track and field, and men’s track and field. Coaches’ offices on the upper level include an outdoor roof terrace. The west side of Bailey Field will have new bleachers containing a press box. The project also includes baseball, softball and soccer fields, and an aquatics center. With so many moving pieces to a project of this scope, Heather said that she is fortunate to work with a great team where everyone does their best to help one another and maintain the highest levels of excellence.

Heather’s profession in school facilities construction is not what she anticipated when studying Jane Austin in college. However, it seems well-suited for someone whose mother made everything from scratch, taught her daughters to sew all their clothes, built furniture, arranged flowers, painted china, and built the barn for the family’s cows, sheep and chickens and is described by her daughter as a Renaissance Woman.

“My mother wanted me to learn to do a little of everything,” said Heather. This willingness to do everything has served Heather well in her career. Now the SRJC campuses are benefiting, too.

## Classroom renovations provide bright, clean, safe learning environments for students and faculty

*John Lounibos Center classroom Before and After photos speak volumes about ongoing work to provide bright, clean, safe learning environments for SRJC students, faculty and staff*



**Before:** Missing ceiling tiles, dark painting and lights, dingy flooring, outdated technology.



**After:** Bright, clean inviting learning environment equipped with updated audio visual equipment.

### Did you know that Measure H

is providing for critical infrastructure, maintenance and repairs at all of the SRJC campuses, including roof replacement and repairs? The most recent roofing replacement projects were completed this spring at the Pedroncelli Center and Pioneer Hall, and the roof replacement at the Garcia Hall Renovation Project is nearly finished. *Thank you, voters.*



### Important Notification

The Parking Lot B expansion will be complete and open for use on Monday, September 27, 2021.

Stay connected with Capital Projects and receive project updates on Social Media

