



QUALITY ♦ SAFETY ♦ TEAMWORK ♦ INTEGRITY ♦ COMMITMENT

# STRONGHOLD ENGINEERING, INC

2022 SECOND QUARTER NEWSLETTER



**COST**  
\$1.4 MILLION

**DURATION**  
AUGUST 2020 -  
SEPTEMBER 2021

**TYPE**  
ELECTRIC /  
RENEWABLES

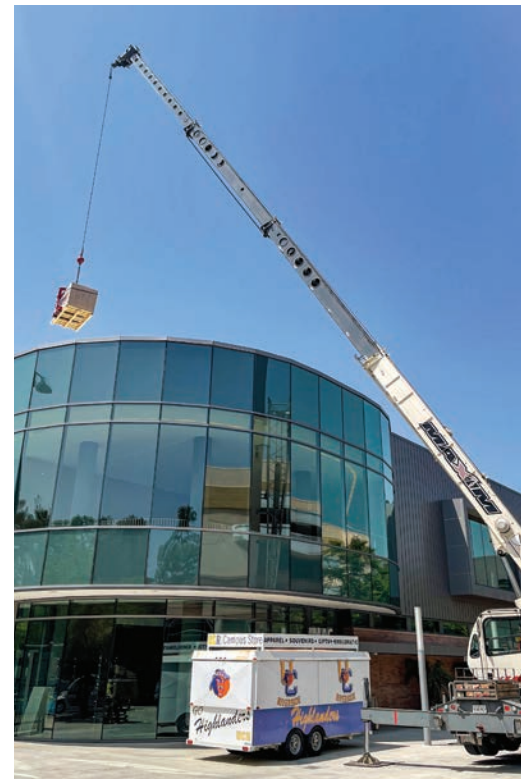
## UCR CAMPUS SOLAR ROOF INITIATIVE

### University of California, Riverside

This project consisted of the design, construction and installation of a photovoltaic (PV) system on the Student Recreation Center rooftop (47,400 sq.ft.) and Student Services Building rooftop (17,850 sq.ft.) at UCR. The PV system provides the maximum generation of renewable power while preserving original architectural characteristics with minimal impact on the buildings.

After retrofitting the roofs, a series of fixed, flat-mounted panel arrays were installed. These panels were partially ballasted to minimize weight and roof penetrations and featured a dual-tilt, East/West facing system, which maximized power efficiency and roof space. In addition, the low tilt angle of the panels minimizes interrow shading, allowing rows of modules to be mounted closer together and thereby maximizing available array capacity. This design approach also reduces the wind exposure the arrays will experience, resulting in reduced structural requirements for both the PV system racking and the building structure.

PV production was integrated into the existing campus electrical systems and provisions were made for future integration into UCR's BMS to monitor and trend energy (kWh), instantaneous power (kW), and calculate carbon/greenhouse gas savings in metric tons (tonnes).



# A TRIBUTE TO STRONGHOLD'S ROOTS



Beverly & Scott Bailey's 1985 Toyota truck

You never know what might be the springboard for your success. For Beverly and Scott Bailey, founders of Stronghold Engineering, it was a 1985 Toyota truck.

The truck didn't start as equipment for Stronghold Engineering—instead, it was for transporting ingredients for Beverly's little cafe in Chino. After selling the cafe, the family used the truck for the usual errands and traveling until one fateful day, a young man in a fancy car plowed into it, totaling the truck.

While this could've been a disaster, it turned out to be a blessing. The family received \$3,000 from their insurance, bought the truck back for just \$800, pounded out the dents, and use the money to buy workers comp and liability insurance to start what was then called Stronghold Electric in the kitchen of their very own home.

Money was extremely tight at the beginning—Beverly and Scott shared just one business card because they wanted to stretch their funds as far as they could go. The truck paid its dues and was used for hundreds of projects as Stronghold quickly transformed from a small, local business to a nationally recognized construction company.

As the business grew, the truck that started it all was nearing its last leg—but it had meant



so much to the Baileys that Beverly couldn't part with it. Instead of scrapping the truck, she decided to restore it and create a tribute to the roots of Stronghold.

Over the course of a few months and with the help of longstanding employee Matt Salgado and partners such as Lil Michaels Designs and Kiwi Kustom Upholstery, Beverly was able to restore the truck with its original colors, updated upholstery, a restored hood liner, and a roll bar. They were even able to leave the original cassette player and steering wheel as a reminder of the truck's beginnings.

On Good Friday, the Friday before Easter, Beverly surprised her husband with the restored truck. The date of the reveal was apt, the restoration of the truck symbolizing a rebirth, paying homage to the way it all started at a kitchen table in the Bailey's home.

Beverly and Scott founded Stronghold with a Bible verse in mind, one that gave them the strength to work hard even when times were tough. The scripture, Psalm 18:2, says, "The Lord is my rock, my fortress and my deliverer ... in whom I take refuge, my shield and the horn of my salvation, my **stronghold**." As Stronghold continues to grow and expand into new areas, they honor where they've come from by keeping their humble roots close to them.



Bev & Scott Bailey, pictured above, in their restored 1985 Toyota truck



Original 1985 Toyota truck steering wheel



Original 1985 Toyota truck cassette radio



## 2ND QUARTER BIRTHDAYS

We have a quarterly birthday to celebrate our team's birthdays throughout Stronghold. We celebrated our teams second quarter birthdays with Panda Express! Every day, we are thankful for our team's continued support and the hard work that is poured into every single workday. We enjoy providing tokens of our appreciation as a reminder of just how thankful we are! THANK YOU! Veronica, *above left*, Alyssa Digangi, *top middle*, and Curtis, *above right*, sharing birthday memories! Plant 42 - Air Traffic Control tower crew, *top right*, celebrate second quarter birthdays.

## 2022 BIGGEST LOSERS

This quarter our 2nd Annual Biggest Loser Challenge took place. Congratulations to the biggest losers on our team: Albert Plata came in 1st place, winning \$480, with a 10.6 body percentage loss. Kay McCain came in 2nd place, winning \$288, with a 9.18 body percentage loss, and Maria Sanchez came in 3rd place, winning \$192 with a 5.36 body percentage loss. Congratulations!







# OPEN ENROLLMENT & DREAM ON SCHOLARSHIP AWARDS

This quarter we had an open enrollment event to allow our team members an opportunity to meet our benefit providers with an opportunity to discuss any questions they might have. Our team enjoyed tacos from La Bufadora, wine, appetizers and raffles! Albert and his family, *top left*, enjoying open enrollment!

During this event, Stronghold Engineering's Dream On scholarship award recipients were named. Congratulations to Lorie Stuart, Kelsea Embry, Dana Santiago, Casey Curow, Carolina Lopez, and Abigail Nichols, pictured below, after accepting their scholarship award.



# WELCOME TO THE WORLD LITTLE ONE

*Having a new baby brings lots of unique and beautiful experiences. Isn't it amazing how something so tiny can bring us such delight! So, we want to congratulate the families with new bundles of joy this quarter. We hope you can slow down and enjoy all the snuggles and baby tickles.*

Casey Clark and family welcomed daughter Brielle Danielle Clark, *right middle*, born May 10, 2022, weighing 5lbs 5oz.

Adam Champion and family welcomed Aiden Ray Champion, *right bottom*, born May 25th, 2022, weighing 8lbs 2oz.







**PHOTO OF THE QUARTER**  
**OSCURO SIDING EXTENSION**  
**Photo Credit: Clayton Boling**

Our Marketing Team is always on the lookout for photos that showcase the work in the field. Send them in! Each quarter we hand-select the best photo we received, awarding a \$50 gift card to the winner.

**Welcome  
 TO THE TEAM!**

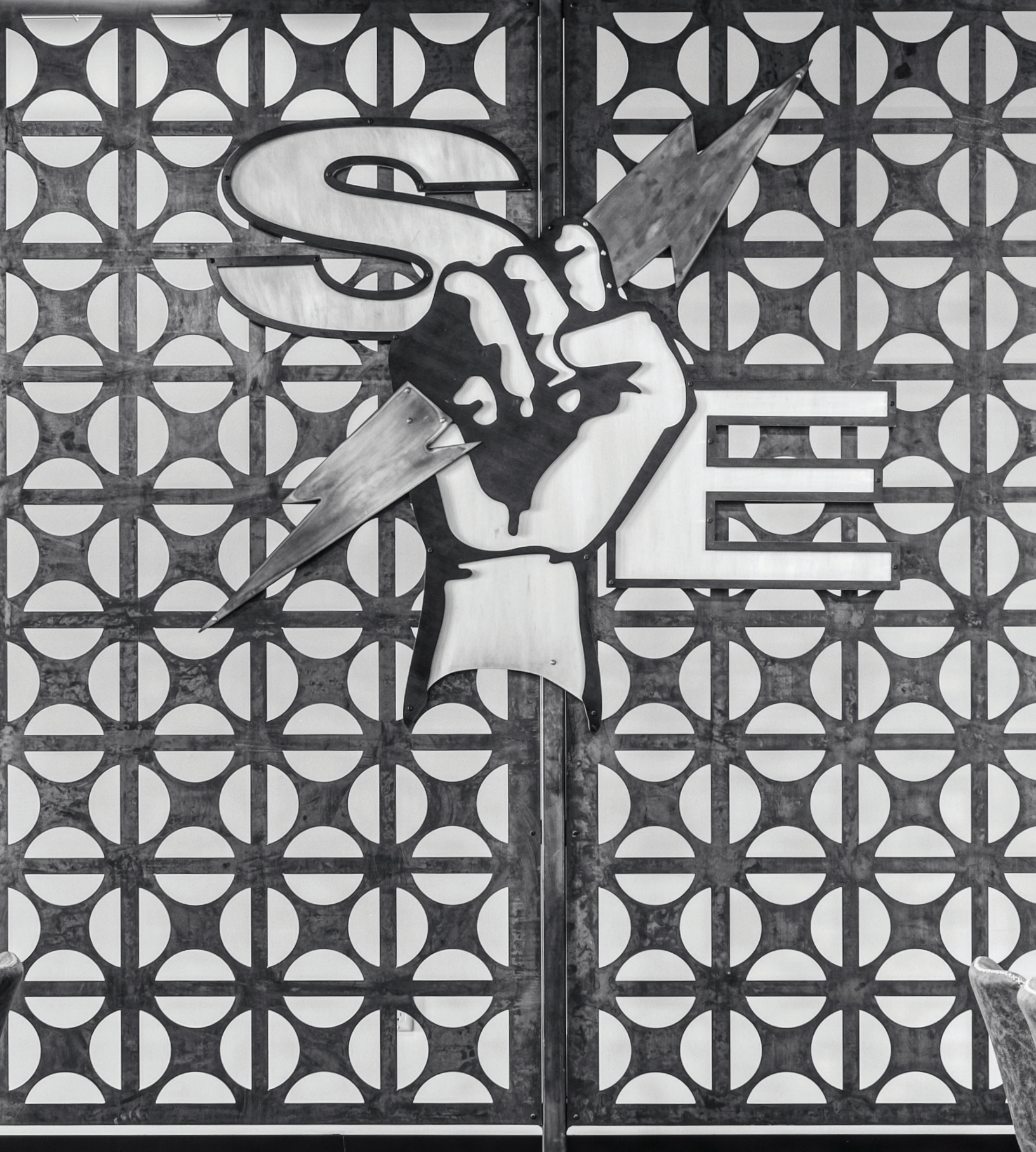
## **Have You Met Our NEWEST TEAM MEMBERS**

**ROHULLAH ALEMI** OSHPD Superintendent  
**NILSON MAGANA** Electrical Journeyman  
**JESSE WOOD** Laborer Journeyman  
**BRYAN CAMACHO** Laborer Journeyman  
**JOSE SALAZAR AGUILAR** Laborer Journeyman  
**BRONSON KEISER** Superintendent  
**YESENIA LEON** Accounts Payable Coordinator  
**ADRIAN PEREZ** Laborer Journeyman  
**HUMBERTO PEREZ** Laborer Journeyman  
**CHARLES FLAX** Project Manager  
**NICHOLE JACUBINAS** Laborer Helper  
**LINAE DIGANGI** Administrative Assistant  
**KANISHKA RASOULY** Quality Control Manager  
**AIRREAN AUDOMA** Laborer Helper  
**SHANNON COLLINS** Crane Operator  
**BRIAN HOLLAND** Laborer Journeyman  
**TONI BARRAZA MORENO** Equipment Operator  
**ASADULLAH NABIL** Quality Control Manager  
**ANTONIO GONZALEZ** Concrete Carpenter  
**GASPAR VERA-PUGA** Concrete Carpenter  
**DAKOTA COLEMAN** Laborer Helper  
**TYREE LISTER** Laborer Journeyman  
**BASHIR JAWAID** Quality Control Manager  
**MARLO AMBULO** Electrical Journeyman

## **JUST A FRIENDLY REMINDER**

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