



WARRIOR VILLAGE PROJECT®

501 (c)(3) Nonprofit

The Bugle: Vol 7, Issue 2, February 2025

www.WarriorVillageProject.com

PROGRESS REPORT

We really appreciate our [Sponsors](#) who donate materials for the construction of our Moveable Tiny Houses. Our students would not have the amazing experience of building houses without the support of these businesses. We especially appreciate our Sponsors who allow their employees to come to our schools to help our teachers instruct the next generation of home builders. For every five skilled trades professionals who retire, we are training only two young men and women to replace them.

Unified Steel, a division of [Westlake Royal Roofing Solutions](#), has donated beautiful, premium quality [Stone Coated Roofing](#) materials for all of the houses we are building. And, Tim Brown, Territory Sales Manager for Unified Steel, comes to our schools to teach our students how to correctly install the roofing materials. Thank you Tim and Unified Steel! See all of our Sponsors on [Page 11](#).

Westlake
Royal Roofing Solutions™

Unified STEEL
STONE COATED ROOFING



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EVENTS

TinyFest California
March 8 - 9
Del Mar Fairgrounds

VIP PROFILE Our Students

Work Force Connect has great news about students in the Cajon Valley School District.

Work Experience Education Application Approval

On December 17, 2024, the [Cajon Valley Union School District](#) Board approved a [Work Experience Education](#) (WEE) application to the California Department of Education that significantly expands opportunities for student scholars, including the ability for students to receive educational stipends for mentorship programs completed during school hours. The California Department of Education approved the application.

Pre-Apprenticeship and Youth Apprenticeship Program Development

Significant planning and coordination took place to develop the structure, curriculum, supportive industry partners, and certified industry instructors for a comprehensive pre-apprenticeship and youth apprenticeship pilot program. This pilot program launched on 1/28/25, in partnership with two key industry partners, the [Associated General Contractors \(AGC\) Apprenticeship Training Trust](#) in Lakeside, and the [San Diego Automotive Museum](#) (SDAM) at its auto operations center in Santee. Funding for student education stipends is being provided by the [Conrad Prebys Foundation](#) and the SDAM. These paid pilot programs will run for 9 hours per week for 12 weeks.

The Construction Pre-Apprenticeship will provide foundational training in construction, preparing participants for full apprenticeships and long-term career growth for up to 12 students, selected through a panel interview process. Key elements of the Pre-Apprenticeship program include:

- [OSHA 10 Certification](#): Students will complete OSHA 10 training in the first 2 weeks of the program, gaining essential safety knowledge with reviews throughout the course to reinforce safety protocols.
- CPR and First Aid Certification: By the end of Week 2, students will acquire CPR and First Aid certification, ensuring they possess essential lifesaving skills that are highly valued in the construction industry.
- Construction Drawings: Introduced in Weeks 7-10, this component will teach students how to read and interpret blueprints and project plans, enabling them to understand and participate in the planning stages of construction projects.
- Build Project Integration: Throughout the program, students will gain hands-on experience in every session through integrated build projects. This practical approach allows them to apply theoretical knowledge to real-world tasks, enhancing their skills in a controlled learning environment.
- Financial Literacy: Students will be paid an educational stipend as a direct deposit. They will open bank accounts with East County Schools Federal Credit Union, providing them basic banking knowledge.

An additional paid Pre-Apprenticeship program started on 1/28/25 with SDAM at its auto operations center, recently relocated from National City to Santee. Two students were selected by an interview panel to take part in the [SDAM's Ignite Academy](#). A nationally-recognized curriculum has been identified and is now in place.

In summary, this pre-apprenticeship and youth apprenticeship initiative is designed to empower students with technical skills, certifications, and hands-on experience, directly addressing the talent needs of the construction and manufacturing sectors. Students will receive an educational stipend for participating in the program. These first programs are being launched as pilots that can be used as a model and proof of concept for other schools and districts, as well as additional future industry partners. [Bostonia Global High School](#) in El Cajon and [WorkforceConnect](#) are working to develop additional pre-apprenticeship and youth apprenticeship programs, including with area community clinics for a potential Medical Assistant program.

Bostonia and its community and industry partners remain committed to developing these programs, which serve as conduits to introducing our students to specialized training that aligns with the needs of the modern workforce and ignites their passion for career exploration and lifelong learning. Community support is a catalyst for this transformative educational model at Bostonia, offering students a tangible bridge to the future.

VIP PROFILE

Our Students



WFVC

WorkforceConnect APPRENTICESHIP



CONSTRUCTION UPDATE, SMHS MTH #1

- **Chapter 1** Trailer
- **Chapter 2** Framing
- **Chapter 3** Rough Plumbing
- **Chapter 4** Rough Electrical
- **Chapter 5** Wall Sheathing
Roofing Shear
Moisture Barrier
- **Chapter 6** Roofing
- **Chapter 7** Windows & Doors
- **Chapter 8** Exterior
Exterior Trim
Finish
- **Chapter 9** HVAC
Venting
- **Chapter 10** Insulation
- **Chapter 11** Interior Wall
Ceiling Covering
- **Chapter 12** Interior Cabinetry
Installations
Flooring
Fixtures
- **Chapter 13** Interior Trim Finish
- **Chapter 14** Finish Plumbing
Electrical
Fixtures
- **Chapter 15** Finish Hardware
Touch-ups
- **Chapter 16** Health & Safety
Final Testing
Certification
Submission

San Marcos High School: MTH #1

This month our San Marcos students started installing exterior [LP Smartside Lap Siding](#) on MTH #1. First, the students installed LP Smartside corner trim pieces and [trim](#) around the windows. [Dixiel-ine](#) was able to source 8" x 16", Cedar Texture siding for us. The 16' siding can be installed more quickly and with less waste than siding 12' in length. The siding and trim comes primed in a tan color, but we will be painting the trim white and the siding a color that is representative of the San Marcos Knights.



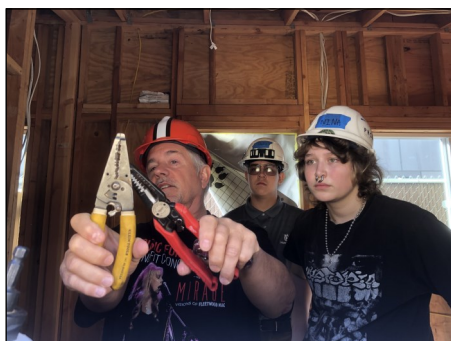
CONSTRUCTION UPDATE, SMHS MTH #1

Jon Hill from the [AGC Apprenticeship Program](#) taught our students how to install the lap siding. Measurements have to be made accurately. Chalk lines have to be snapped carefully to make sure that the rows of siding overlap 1 inch and are evenly spaced and level as the courses of siding progress up the wall. Jon supervised the installation to make sure that the critical first few rows were installed properly.



Michael McSweeney, CTE Coordinator for the [California Homebuilding Foundation](#), came to SMHS on February 26 to work with our students on their rough electrical installation. Michael works with small groups of students at all of our schools, taking the time to do a deep dive into trade skills.

I wish all of the construction students in San Diego County had the opportunity to learn from industry pros like Jon Hill and Michael McSweeney.



CONSTRUCTION UPDATE, SMHS MTH #2

San Marcos High School: MTH #2

San Marcos students started building their first tiny house, MTH #1, in January 2024, and their second house, MTH #2, nine months later in September 2024. Since then, the students working on MTH #2 have worked diligently to “catch up” with the progress on MTH #1. If both houses are at the same stage of construction, the teams building the houses can work more efficiently by using the same materials, the same tools, and by sharing lessons learned from each house.

- **Chapter 1** Trailer
- **Chapter 2** Framing
- Chapter 3 Rough Plumbing
- Chapter 4 Rough Electrical
- **Chapter 5** **Wall Sheathing**
Roofing Shear
Moisture Barrier
- **Chapter 6** Roofing
- Chapter 7 **Windows** & Doors
- Chapter 8 Exterior
Exterior Trim
Finish
- Chapter 9 HVAC
Venting
- Chapter 10 Insulation
- Chapter 11 Interior Wall
Ceiling Covering
- Chapter 12 Interior Cabinetry
Installations
Flooring
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- Chapter 13 Interior Trim Finish
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Electrical
Fixtures
- Chapter 15 Finish Hardware
Touch-ups
- Chapter 16 Health & Safety
Final Testing
Certification
Submission



The students have almost completed the roof installation on MTH #2, with the help of Tim Brown of [Unified Steel Stone Coated Roofing](#). Tim came to SMHS on February 5, scaled our scaffolding (like a much younger man than he is), and showed our students how to properly align and secure the Stone Coated Roofing panels.

Unified Steel, a division of [Westlake Royal Building Products](#), has donated Stone Coated Roofing materials for all of our houses. The donated roofing materials are much higher quality than we could afford if we had to pay for them. Thank you Tim and Unified Steel!



CONSTRUCTION UPDATE, SPHS

San Pasqual High School: MTH #1

- Chapter 1 Trailer
- Chapter 2 Framing
- Chapter 3 Rough Plumbing
- Chapter 4 Rough Electrical
- Chapter 5 Wall Sheathing
Roofing Shear
Moisture Barrier
- Chapter 6 Roofing
- Chapter 7 Windows & Doors
- Chapter 8 Exterior
Exterior Trim
Finish
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Michael McSweeney was back on the San Pasqual campus on February 5th and 20th to work with small groups of students. He showed students how to check the wall studs to see if they were ready for the installation of drywall. The students found a few warped studs that would have to be pulled into place or planed.

Michael also worked with students to reset a few electrical boxes to the correct height and depth within the walls. He also worked with a student to install the frame for the pocket door between the Kitchen and the Bathroom.



CONSTRUCTION UPDATE, SPHS

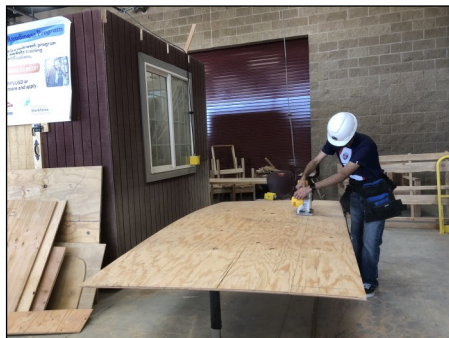


CONSTRUCTION UPDATE, RBVHS

- **Chapter 1 Trailer**
- **Chapter 2 Framing**
- Chapter 3 Rough Plumbing
- Chapter 4 Rough Electrical
- **Chapter 5 Wall Sheathing**
- Roofing Shear
- Moisture Barrier
- Chapter 6 Roofing
- Chapter 7 Windows & Doors
- Chapter 8 Exterior Exterior Trim Finish
- Chapter 9 HVAC Venting
- Chapter 10 Insulation
- Chapter 11 Interior Wall Ceiling Covering
- Chapter 12 Interior Cabinetry Installations Flooring Fixtures
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- Chapter 14 Finish Plumbing Electrical Fixtures
- Chapter 15 Finish Hardware Touch-ups
- Chapter 16 Health & Safety Final Testing Certification Submission

Rancho Buena Vista High School: MTH #1

RBV students prepared for the installation of the rough plumbing and electrical. They drilled a series of holes in the 2" x 4" studs through which the PEX plumbing tubing and electrical wire will be pulled. Under the supervision of Michael McSweeney, they installed nail stoppers donated by [Simpson Strong-Tie](#) to the exteriors of the studs to protect the PEX and wires from the 2-3/8" sinker nails used to secure the 1/2" CDX plywood sheathing and the 2" screws that will be used to secure the lap siding to the exterior of the house.



PARTNERS
TinyFest California

TINYFEST CALIFORNIA



MARCH 8-9, 2025



DEL MAR FAIRGROUNDS

TINY HOME & NOMAD LIVING EXPO



Celebrate Tiny Living!

Tour tiny houses on wheels, modular & manufactured ADUs, vans, bus conversions and more! Enjoy speakers, vendors, live music, & good food!

Spark Ideas & Learn!

Enjoy 2 stages speakers and panel discussions to inspire and inform. Come to TinyFest with questions and leave with the answers you need to make your tiny home plans come to life.

VIP
Tickets
Available

Promo code:
"Warrior" for \$10 off ticket

Get your tickets today!

SPONSORS



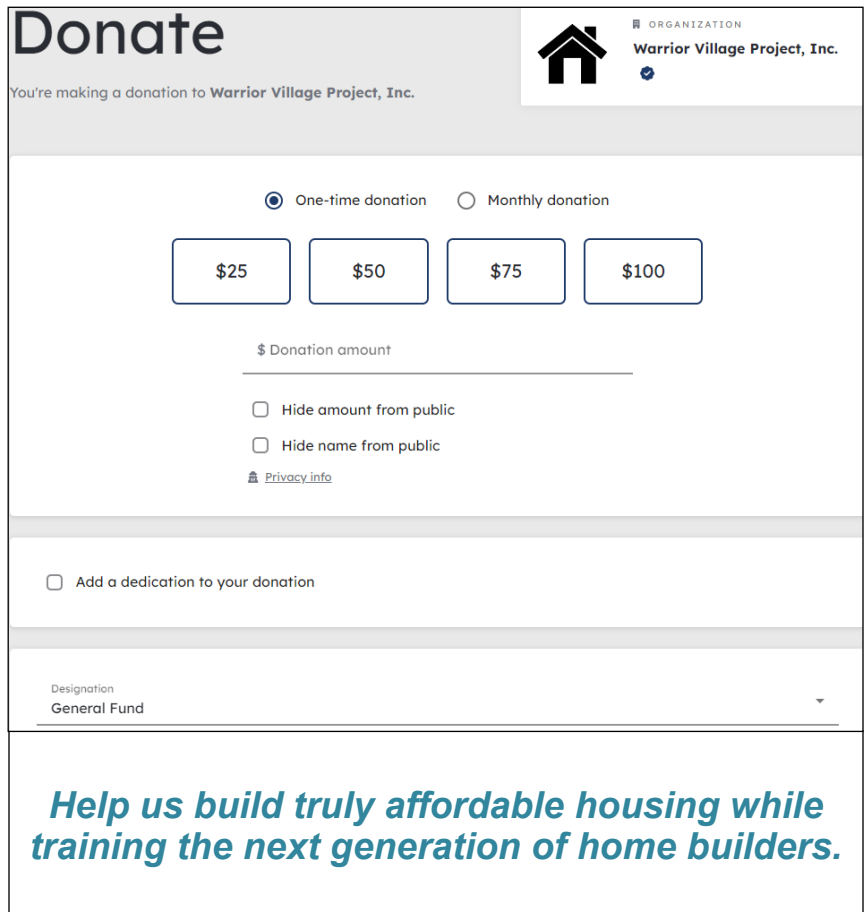
DONATE TO THE WARRIOR VILLAGE PROJECT

The Warrior Village Project has joined the San Diego Gives 2024 Campaign. It is easy to donate to the Warrior Village Project through the [San Diego Gives online platform](#). Your donation will go to the Warrior Village Project General Fund to purchase materials to build Moveable Tiny Houses in high school construction classes in San Diego County.

The trailer foundation and building materials and consumables required for one Moveable Tiny House (MTH) cost about \$44,000. The curriculum and the inspection and certification package cost about \$6,000.

The cost of installing an MTH as an Accessory Dwelling Unit will depend on the site. But, it should cost about \$20,000 per house. Hence, we can provide a permanent, fully equipped tiny house for a homeless person for about \$70,000 per unit.

According to the [Turner Center for Housing Innovation at UC Berkeley \(March 2020\)](#): *“Between 2016 and 2019 the costs to develop a new affordable unit under the Low-Income Housing Tax Credit (LIHTC) program have increased from \$425,000 per unit to more than \$480,000 per unit.” “These escalating costs represent a significant challenge to a state struggling with an affordable housing crisis, and erode the impact of the increased public subsidies directed toward building new housing.”* Isn't it time to build truly affordable housing?



Donate

You're making a donation to Warrior Village Project, Inc.

ORGANIZATION
Warrior Village Project, Inc.

One-time donation Monthly donation

\$25 \$50 \$75 \$100

\$ Donation amount

Hide amount from public
 Hide name from public
[Privacy info](#)

Add a dedication to your donation

Designation
General Fund

Help us build truly affordable housing while training the next generation of home builders.



2024 Campaign

<https://sandiegogives.mightycause.com/donate/Warrior-Village->

We need to raise \$80,000 to purchase materials to complete the four Moveable Tiny Houses we are building at San Marcos High School, San Pasqual High School and Rancho Buena Vista High School.

