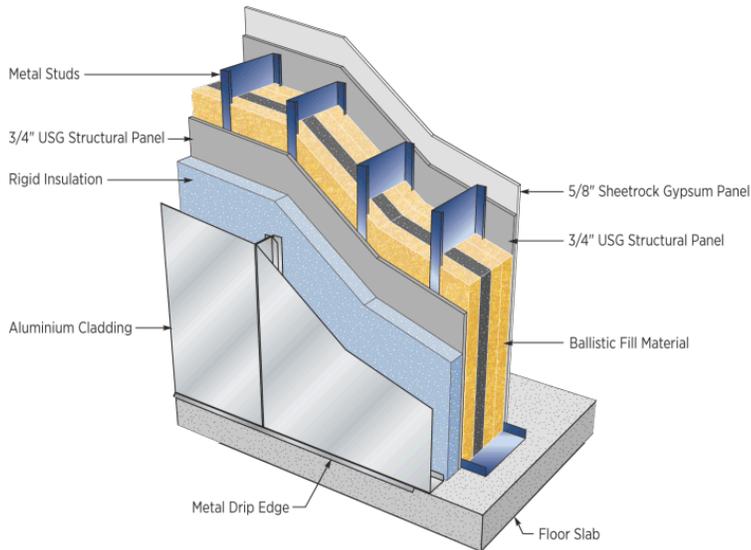


# UNIFIED WALL PANEL SYSTEM (UWPS)

An Application for Faster, Easier, Cost-Effective Construction to Protect Against Natural and Man-Made Hazards



## The UWPS Methodology

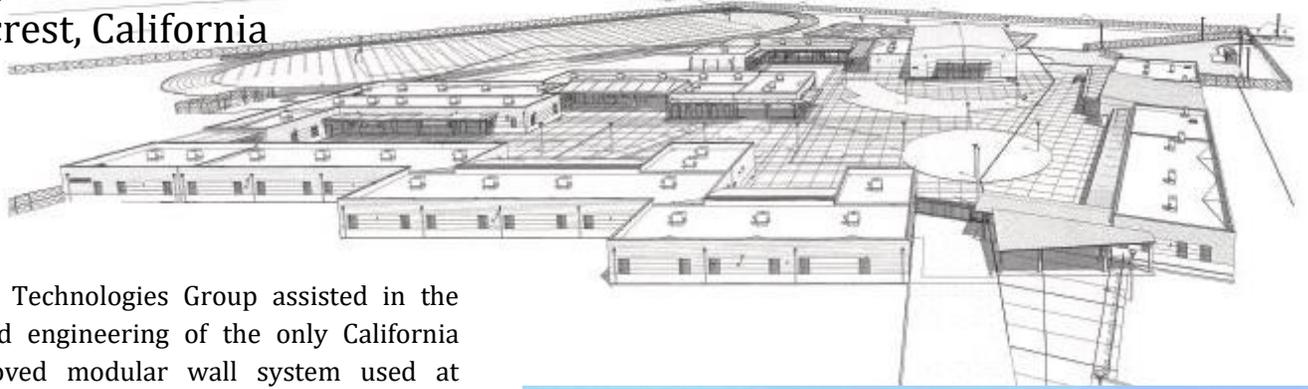
The Unified Wall Panel System is an innovative system created by Protective Technologies Group to simplify construction of buildings requiring resistance against natural hazards (high wind/Windborne debris, seismic and fire) as well as man-made hazards (blast, ballistic and forced entry). As a value engineered product utilizing USG Structural Concrete Panels, the UWPS allows for savings in both labor costs and overall construction time. It has proven to be more efficient than traditional construction methods and can be used in new build, retrofit and modular build projects. The UWPS is LEED compliant with a very long service life and is easy to maintain. The design includes door and window openings and door frames can be pre-installed for ready-to-hang doors. Replacing traditional building materials with the UWPS preserves aesthetics while upgrading a building's resiliency and controlling labor costs and scheduling.

**ThreatStop™**  
*An enhancement  
for high velocity  
ballistic threats*

**ThreatStop™** was developed by Protective Technologies Group in conjunction with leading experts in the ballistic counter-measures industry to defeat high velocity ballistic threats. Cutting edge technology is combined with environmentally friendly products and manufacturing processes to create a light weight, high performance composite panel. The **ThreatStop™** panels are easily and quickly inserted (without complicated connectors or expensive equipment) into our Unified Wall Panel System, as well as doors and other structural elements, when additional ballistic protection is needed.

# UNIFIED WALL PANEL SYSTEM - REAL WORLD TEST

Murray Middle School, Sierra Sands USD  
Ridgecrest, California



Protective Technologies Group assisted in the design and engineering of the only California DSA-approved modular wall system used at Murray Middle School at NAWS China Lake. These structures were designed to meet UFC AT/FP standards and stringent California seismic requirements. Our UWPS methodology saved the client \$3 million in labor and construction costs and allowed the project to come in on budget. Modular Building Institute awarded it First Place for Permanent Modular Education building over 10,000 sq. ft. Two years later, this design was tested by the Ridgecrest earthquakes (USG Richter Scale 6.4 and 7.1) and received no reportable damage.



## District hears early damage report

Rebecca Neipp  
News Review Staff Writer

What was originally scheduled as a workshop to craft a 10-year master facilities plan for Sierra Sands Unified School District turned into a report and discussion on damages sustained from July 4-5 earthquakes.

Following suit with local, county, state and federal government agencies, the SSUSD Board of Education voted at its July 11 meeting to adopt its own resolution acknowledging a state of emergency as teams from California Office of Emergency Services, Federal Emergency Management, and Department of State Architects joined district staff in assessments of local school campuses and administrative sites.

**While the brand new Murray Middle School campus came through with barely a scratch**, other sites will take longer to repair. However, Superintendent Dr. David Ostash said that he is confident the district will be able to reopen by the start of the school year.

While the base was closed, Murray hosted incoming ESDPs that were scheduled to report to work on Monday, July 8. The campus also served as a base of operations for World Central Kitchens, which served tens of thousands of meals in the wake of earthquakes.



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