



## NEWS RELEASE

For Immediate Release  
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### **AEP Span Partners with American Modular Systems to Build New Gen7 Concept House in California Wine Country**

West Sacramento, California – November 4, 2015 – AEP Span, a leading manufacturer of architectural metal wall and roof panels and structural steel floor and roof deck, has teamed with American Modular Systems (AMS) to build a Gen7 Concept House on a 50-acre working vineyard in the Lodi Wine Country. Designed to achieve LEED Platinum Certification, River Vine Vineyards will be one of the most advanced, high-end prefabricated residences ever constructed — a state-of-the-art smart home which will take sustainable prefabricated design and construction to the next level. The Zero Net Energy building will integrate renewable energy systems, environmentally-friendly materials, and cutting-edge products in a home which is livable, functional, and energy-independent, using both solar and geothermal technologies to produce as much energy as it consumes over the course of a year.

“We’re proud to announce our partnership with River Vine Vineyards,” stated John Provencal, AEP Span Marketing Manager. “River Vine aligns strategically with our sustainability goals, and we’re excited to join AMS, Gen7 and other forward-thinking companies in exploring new ways to build responsibly and resource-efficiently.”

“AEP Span will be instrumental in making River Vine the inspirational building we know it can be,” said Tony Sarich, owner of River Vine Vineyards and co-founder of AMS and Gen7 Schools. “Quality products like the 3WHF-36 Hi Form® are essential to our energy-saving strategies because its sustainably made, highly efficient, and holds up to daily use over the building’s long lifecycle.”

The floor assembly included structural steel floor decking 3WHF-36 Hi Form<sup>®</sup>, a composite steel deck product, supplied by AEP Span. Radiant tubing was looped on top of the steel decking and stapled in place. The PEX tubing is designed to remain flexible and withstand heated water, which the hydronic radiant flooring system will use to heat and cool the home year-round. The tubing will be arranged into five independent zones which will be connected through a centralized multi-zone controller, allowing optimized climate control in separate living spaces.

According to Sarich, River Vine Vineyards will showcase a 21<sup>st</sup> Century living environment, combining modern design elements, advanced technology, and modular building science within a sustainable footprint which meets multifunctional needs. The home will be fully automated, with all systems, appliances and electrical components networked for centralized control from a single touchpoint—a concept that can be replicated in future Gen7 classrooms and other buildings.

Construction of River Vine Vineyards has started at the AMS factory in Manteca, California, and is expected to be completed in the summer of 2016.

For more information, visit the River Vine Vineyards website at [www.AMSBuildsTheFuture.com](http://www.AMSBuildsTheFuture.com).

**AEP Span ([www.aepspan.com](http://www.aepspan.com))** is a division of **ASC Profiles** and offers architecturally engineered panels for steel roof and siding products for the commercial and industrial markets. **ASC Profiles LLC** is a subsidiary of BlueScope Steel and Nippon Steel & Sumitomo Metals Corporation. **ASC Profiles** is an industry leading manufacturer of cold-formed steel building components since 1971.

**American Modular Systems ([www.americanmodular.com](http://www.americanmodular.com))** is one of the nation's leading modular manufacturers, designing and building quality commercial and educational facilities since 1983. **Gen7** classrooms ([www.gen7schools.com](http://www.gen7schools.com)) empower communities to create healthy, energy-efficient learning environments that will benefit students and educators for generations to come.

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