

# Sonoma Wine Company

Graton, California

## Design Build

Cary & Associates Builders, Inc.



Photos Courtesy of Cary & Associates Builders, Inc./Sonoma Wine Company

**S**onoma Wine Company is a local contract wine production company located in Graton, California and a member of the Sonoma County Green Business program. Due to the continued growth of their business, and the need to redirect rain water away from their process waste system they found themselves in need of covering existing and new wine storage and blending tanks. These tanks hold approximately 50 million dollars worth of unbottled wine at any given time. The challenge was to develop and install a structure that would cover these tanks without interrupting normal business activities and/or cause any damage to the wine tanks themselves.

Cary & Associates has experience in designing, purchasing and installing both large and small canopies over existing wine storage tank pads, as well as other industrial applications. They were able to use the Design/Build method to design, engineer and install two large canopies

totaling 26,000 square feet in size. Major portions of these canopies were built on the ground adjacent to the tank pad and then lifted into place using cranes. By building each section of the roof structure on the ground it enabled the winery to continue operations during the construction of the canopies.

Believe it or not the building of the canopies was not the largest challenge on the project, it was dealing with the ground water and pour soils conditions. With the aid of engineers, Cary & Associates looked at multiple footing and foundation designs that would support the structure and yet still come in under Sonoma Wine Company's budget. They ended up using spread footings and grade beams to accomplish part of the project, tying some of them into existing foundations to add even more support.

This is one example of the benefits of Design/Build. Cary & Associates believes that the Design/Build approach is the

best avenue for both client and contractor. It allows all planning, specifying, designing, estimating and construction to be combined under a single source of responsibility to provide improved handling of solutions with significantly better value than other construction methods.

Cary & Associates believes that pairing specific design professionals with each client provides a more stable platform and assures a successful outcome. With Sonoma Wine Company, this meant a well-engineered and successful placement of an extremely large canopy without losing any wine!

With 27 years in the industry, Bob Cary has used the Design/Build option combined with the strength of steel buildings to produce some beautiful buildings.

### Product Information

*Pre-Engineered Building:*  
Metallic Building Company