THE WINE HISTORY PROJECT
INTERDICIPLINARY PAVILION DESIGN

Abstract:
The Wine History Project of San Luis Obispo is an organization aimed to preserve the wine making history of the Central Cost of California and educate those who are unaware of the rich viticulture history throughout the region. This interdisciplinary pavilion project required design exploration, form development, and constructibility review execution to generate a design for a mobile wine-artifact pavilion that will be exhibited throughout the SLO county and beyond. Designing the mobile pavilion required coordination with both architects and architectural engineers to aid in the creation and design a pavilion that was not only visually appealing and functional, but also met the constructibility requirements of the client.

Key Words: Pavilion, Exhibition, Artifact, Wine, Mobile

FIGURE 1: EXPLODED ASSEMBLY DIAGRAM EXHIBITING MOBILITY AND PORTABILITY OF THE PAVILION.

FIGURE 2: RENDER OF PAVILLION STRUCTURE WITH 'SWISS TRACKS' FLOORING AND INTERIOR DISPLAY PANELS/FURNITURE.

FIGURE 3: RENDER OF PAVILION STRUCTURE WITH ‘SWISS TRACKS’ FLOORING AND INTERIOR DISPLAY PANELS/FURNITURE.

FIGURE 4: ALUMINUM LF TRUSS TIG WELDED FOR UPCOMING CLIENT EXHIBITION.

FIGURE 4: LOAD FLOW DIAGRAM ILLUSTRATING THE EFFECTIVENESS OF THE LATERAL FORCE RESTRAINING SYSTEM.

ANDY CUMPAN | CAL POLY SAN LUIS OBISPO