



SIGMA Trench Drains in Napa Winery

When Eleven Eleven Winery in Napa Valley, CA needed a new drainage system, SIGMA trench drains provided the ideal solution. The winery underwent a full renovation, and the facility where the grapes are crushed, barreled, aged, and fermented required a reliable drainage solution.

Jason Yeakey, President of Titan Builders describes the project: “We removed the old drainage system and we were looking for a new product that would drain the area effectively. Eleven Eleven Winery has a large building with significant drainage needs. Our biggest challenge was our time crunch; we needed this portion of the project turned around quickly, and the SIGMA team delivered at every step.”

Titan was able to send the building schematic to the SIGMA Trench Drain team, who designed a thorough plan to drain the area effectively, taking into account specifications, inlets, outlets, volume, grades, and traffic. SIGMA provided Eleven Eleven Winery with the HYDROTEC Maxi system. This fiber reinforced modular concrete trench drain with integral ductile iron rail and ductile grate provides unrivaled durability in the harshest of loading conditions. The patented boltless locking mechanism, while providing ultimate security of the grates, will ensure easy access during maintenance of the trench drain and relocking of the grates once cleaning is completed.

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Yeakey continues: “The timing was key; we received the SIGMA drainage plan back in less than 36 hours. Their product knowledge was crucial—most general contractors and builders do not have familiarity in this area. SIGMA’s responsiveness was a major factor in choosing this product line as well. And their packaging system made for an incredibly efficient installation—it was like plug and play. The boxes were all labeled according to where in the building the material was required—so everything for the north section, or for the south wall, was unloaded in the right place before the crates were opened. Each of the trenches was stamped with the number corresponding to the location on the plan where it belonged, so we were able to follow the drawings very easily. Installation was a breeze.”

As with any complex project, glitches can be unavoidable—but they were addressed promptly. Yeakey describes one such instance: “Because of the size of the building, we had some questions about installing long sections of drainage channels. I was able to reach Todd Amerson while he was on vacation, and he talked me through the process, and then referred me to his colleague Penny Whippie, who provided ongoing technical support.”

The entire project was completed in early September, and the winery will shortly begin crushing grapes for its next vintage.

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