

Dulles Summit

DULLES, VA.

■ Located just minutes from the Dulles International Airport in Virginia, Dulles Summit is a 456,550-square-foot multi-use business park building. Features include efficient tilt-up construction attributes such as full height radius panels. When the General Contractor, EE Reed Construction, L.P. - a diverse general contractor, with a self-performing concrete division, offering superior professional construction services - needed

to produce accurate panel drawings for the project that incorporated all of the specific materials and dimensions per panel sheet, they used Tilt-Werks by Tilt-Up Design Systems, LLC.

The solution came in the form of drawings for panel dimensions, openings, reveals, embed locations and elevations created using the Tilt-Werks cloud based software. According to Sam Simmons, Project Superintendent at EE Reed Construction, L.P., using Tilt-Werks was efficient. "To bridge the gap and coordinate various shop drawings, Tilt-Werks was a visual tool that allowed me to generate drawings that could be passed on to my layout men and enabled me to move on to handling the role of general contractor. The project was a success. I received outstanding customer support from Tilt-Up Design Sys-

OWNER: SeeFried Industrial Properties, Inc. GENERAL CONTRACTOR: EE Reed Construction, L.P. ARCHITECT: John Schulz/Gordon Karns COMPLETION DATE: March, 2012

TILT-WERKS FEATURES USED:Tilt-Up panel shop drawings

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tems, and Tilt-Werks allowed me to generate all of the panel drawings right from my field office and communicate more effectively the true intent of the design with my field engineers and form carpenters," said Simmons.

The new facility for owner SeeFried Industrial Properties, Inc. includes two light industrial tiltup buildings. Built simultaneously, the first tilt-up specification involved 102,000 square feet of tilt-

up panels and the second included 76,000 square feet. Featuring store fronts and rear loading docks, the facility provides future tenants with multiple options for build-outs. Construction of the tilt-up totaled five weeks from the time of the first slab on grade pour to the panel erection.

One of the major architectural features includes two radius panels, which measured approximately 32 feet in width and more than 31 feet in height. With a complete 90 degrees of curvature, the radius panel is not just a solid concrete structure. The design incorporates a store front element, leaving the option for offices below and a mezzanine space above. This new facility will provide a sustainable space for the owner. The project was completed in March of 2012.

