



The Toro Company Headquarters | Photo credits: Bill Baxley - Leo A Daly

INTERCLAD RALLIES TO BEAT DEADLINES

Time was of the essence when Egan Company's InterClad began work on The Toro Company world headquarters in Bloomington, Minn. The team had just four months to complete the interior and exterior renovation.

Toro specializes in professional and residential turf maintenance equipment and irrigation systems. Phase one of its headquarters renovation started with a new three-story building used to house various departments. The goal was to complete the project by June 20 as a birthday gift to its Chief Operating Officer Michael Hoffman, and just in time for Toro's 100th year anniversary party.

The Ideal Team

Despite the aggressive schedule, InterClad Project Manager Mark Meyer and Superintendent Steve Flaherty took this task on with enthusiasm. Collaborating with Senior Architect Steve Anderson from Leo A Daly and Ryan Companies, Inc. Superintendent Tom Boltz and Project Managers Eric Overgard and Doug Woolever, the team worked to keep the project on schedule.

"Coordination and teamwork were essential to getting things approved and obtaining all materials quickly. The assembled team was the right group to get this project fast-tracked," Meyer said.

Work began in March 2014. In one month, the InterClad shop fabricated 17,600 square feet of curtainwall and 8,800 square feet of hat channel/furring channel, used to insulate and mount materials to a building exterior. Several external companies contributed with 18,200 square feet of exterior composite metal panels in two custom colors (graphite and rusted metal), sunshades, interior and exterior glass, and large rolling barn doors designed to seamlessly blend into the exterior when closed.

With a crew nearly double the typical size, trades began installing the prefabricated materials in April 2014.

Rain and Rigor

Due to the persistent spring rain, some challenges arose. The ground was saturated, causing heavy construction equipment to get stuck in the mud. But not even the rain could halt steadfast production on this job. During the three month install phase, Ryan Companies employed a Caterpillar dozer dedicated just to pulling equipment out of the mud.

Interior build outs were also completed by the InterClad crew, including conference room glass walls, custom stainless steel entrance doors in the lobby, handrails, and door frames.

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Shortly before the goal completion date, InterClad was asked to fabricate a stainless steel welded handrail in the field.

"Handrails and aluminum entry doors are the two products that can take a long time to fabricate and install," Meyer said. "They require a lot of precision and time to get it done right. For this job, we had a short window to get it right."

A Job Well Done

Despite the many challenges and the large crew size, there were very few errors on this job. And, not one pane of glass was broken throughout the process.

"This is testament to the field team's organization and dedication to craftsmanship," Meyer said. "And to Steve [Flaherty] running a tight ship."

The team finished the project on June 20, and a few weeks later, the Toro 100th year anniversary party went off without a hitch.

Core project team: Ryan Companies, Leo A Daly, Metal Design Systems, Kawneer Company, Viracon, Industrial Louver, Oldcastle Building Envelope, Overhead Door, and Wheeler Hardware.

Egan services performed: Exterior composite metal panels, curtainwall, and sunshades. Plus, entrance doors, interior storefront system, and custom stainless steel and glass handrail system. ■

InterClad provided a custom stainless steel glass system for the Toro lobby.



MODERNIZED CONCRETE CONTROLS

Egan's concrete controls are generating rave reviews after a successful installation for International Concrete Products (ICP) in Germantown, Wisc. A new concrete batching system (Egan's KFBatch II product) was integrated with speed and precision.

Preferred Solution

Designed by Egan engineers, KFBatch II is one of the most nimble and powerful batch control products available.

At ICP, plant controls were in need of an update. The original software proprietors proposed to upgrade its former system, but the convenience of Egan's offering proved too enticing to pass up.

"We're system integrators. Our software is tailored to make life easy for the customer," said Phil Kramlinger, Egan Company Project Manager. "We're not there to replace their entire system."

The goal at ICP: renovate and reinvigorate its concrete batch plant – which meant minimal interruption and maximum efficiency under the time constraints.

Fast Delivery

Engineers were tasked with creating a control system that could handle all the plant's intricacies, and ICP set aside one week of shutdown to fully integrate the system.

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