

Tindall Crafts Precast Solution for Sierra Nevada Brewing Company



Exterior of Sierra Nevada brewhouse entrance, Mills River, N.C. All photos: Russell, Gallaway Associates Inc.

In 2012, Sierra Nevada Brewing Company announced plans to build a second brewery in Mills River, N.C. The goal? To increase the company's brewing capacity and deliver more craft beer to more people. Expectations for the new brewery were high, and the project ultimately was faced with bad weather and tight deadlines. However, these challenges proved to be no problem for the experts at Tindall Corporation, a trusted leader in the precast industry.

Groundbreaking for the project began in April 2012 with a completion goal of fall 2014. To meet this ambitious timeline, Sierra Nevada

needed a design/build team with the experience and expertise to get the job done quickly and efficiently. They selected Tindall Corporation to assist with the complex project.

To determine which precast solutions would be best for the brewery, Tindall worked closely with the project's design/build team to evaluate budget constraints, technical requirements, and jobsite logistics. Thanks to its diverse project history and experienced staff of engineers, project managers and operations personnel, Tindall had the necessary expertise to develop in-depth engineered solutions for the project.

"At Tindall, we take on and solve challenges that other precast companies may not," said Rob Smith, vice president and general manager for Tindall Corporation. "We pride ourselves on delivering unique solutions to complex projects like the Sierra Nevada Brewery where quality and long-term performance are critical."

Erection of the new brewery began in the fall of 2013. The project consisted of eight precast structures and over 1,000 individual precast concrete components, including precast concrete wall panels used to meet the brewery's cold storage



Interior of brewhouse.



Scalloped precast ceiling in brewhouse.



Aerial view of brewhouse, including production and packaging facilities.



Architectural precast walls and rainwater collection outside warehouse.

requirements. Other precast pieces included bulb tees, double tees, beams, columns, floor slabs, insulated floor slabs, and spandrel panels.


The brewery's precast components don't just serve a structural purpose, they also include a number of architectural elements. The brewery's insulated wall panels consist of a custom, integrally colored concrete mix and exposed aggregate sandblast finishes. The front façade of the brewhouse features curved panels and gabled end panels with large openings for the windows. The project's precast bridges utilize arched, radiused

panels with an architectural finish that matches the buildings.

Despite record rainfall and harsh winter weather, Tindall was able to complete the brewery project ahead of schedule. As a result, Sierra Nevada was able to move into their facilities and begin production sooner than expected, saving both time and money.

"There were high expectations on both schedule and functional layout, and both items were executed to the highest degree," said Gary Fowler, vice president of Modern Building Company. "Tindall's project approach,

key staffing, and overall management of the project kept things moving in a positive direction."

The Mills River brewery officially began production in June 2014 with the release of Rain Check Spiced Stout. The brewery now includes a taproom and restaurant that can accommodate up to 400 people. 

For more information about Tindall Corporation and the Sierra Nevada brewery project, please visit www.tindallcorp.com.