



Tindall



COMMERCIAL PROJECTS

MISSION CRITICAL FACILITY

NORTH CAROLINA | SOUTH CAROLINA DIVISION

This facility had to be at the top of its game in terms of modern construction, able to meet stringent requirements that exceed building code standards. The structure needed to be ready for anything man or nature could bring its way, without interruption of service.

The building was to be able to withstand hurricane and tornado force winds, seismic events, and man-made acts, yet needed to blend with the aesthetic charm and character of the nearby downtown. Too tall of an order? Not for the Tindall engineering team.



MISSION CRITICAL FACILITY (CONT.)

NORTH CAROLINA | SOUTH CAROLINA DIVISION



The final design featured an attractive and simple exterior facade, designed to eliminate ongoing maintenance costs. Exposed surfaces with cast-in brick accents seamlessly tied the new structure in with its established surroundings. Secure courtyards with matching architectural finishes allowed for consistent finishes throughout the project, all while protecting costly equipment from physical and visual intrusion.

However, the interior design was where this building truly shined. While designed for future expansion, no space was wasted in the layout. Long interior spans were created to support heavy mechanical loads while opening up the area for efficient equipment layout. The design team worked closely with the owner on the interior column layout to ensure needs were met for obstacle free space, equipment, and infrastructure requirements.



FANNIE MAE DATA CENTER

URBANA, MD | VIRGINIA DIVISION

In 2005, Fannie Mae Technology Center in Urbana, Maryland became the first mission-critical facility of its kind to earn LEED (Leadership in Energy and Environmental Design) certification. Since then, the 247,000-square-foot facility has stood as a shining example of how precast concrete can play a crucial role in the development of energy-efficient and environmentally conscious data centers. With the construction efficiency and design flexibility of precast, Tindall's 122,000-square-foot portion of this facility was as sophisticated as it was cost effective.

The Tindall team faced several key challenges during the development of the Fannie Mae Data Center. The first obstacle was designing a structure that could be erected rapidly to meet a demanding schedule

during the winter months. It was also critical that Tindall's design accommodated the many electrical conduits entering the building, since real-time electrical power and power redundancy were crucial to the data center's operation. By working in close coordination with the other project teams, Tindall ensured the electrical conduits could be easily connected to the complex under-floor system. Tindall utilized a series of exterior insulated wall panels and a double tee roof supported by columns and beams to create a total precast structure on time and within budget.



FANNIE MAE DATA CENTER (CONT.)

URBANA, MD | VIRGINIA DIVISION



The final challenge for Tindall was ensuring that the precast portion of the project aligned with the team's goal of being a good neighbor to the surrounding community. Urbana is a historic residential area with an established design aesthetic, so it was important that all components of the project had the flexibility needed to seamlessly blend with the surrounding environment. Field-applied brick was utilized to guarantee that the Fannie Mae Data Center appeared as if it had always been there.



EAST PARK

TALLAHASSEE, FL | GEORGIA DIVISION



Location is everything. This project happens to be surrounded by historic buildings, just a few short blocks away from the state capitol. The challenge with this build was to make the new structure seem as if it had always been there. The Tindall engineering team came up with several options for blending the old and new, all while meeting the project's strict budget requirements.

This high-profile project afforded Tindall the opportunity to use never-before-seen design elements. Using precast gave the building an upscale aesthetic while remaining cost effective.

Tindall worked closely with the contractor and architect from the project's beginning, incorporating unique colors and trim work to the wall panels, resulting in a truly inspired look.



SILAS CENTER

WINSTON-SALEM, NC | VIRGINIA DIVISION

The Silas Center — a 170,000-square-foot banking operations facility — needed an aesthetically pleasing exterior to complement its upscale location. It also required unusually high structural integrity to protect the millions of daily banking transactions from intrusions like natural disasters. The stunning exterior design incorporates architectural details cast directly into the robust exterior panels, not only to withstand the elements, but to enhance the “wow factor” that is so often missing from economical building solutions.

To protect banking operations, Tindall satisfied security requirements with exceptional precast, prestressed concrete wall panels and precast framing throughout to meet or exceed code-mandated seismic and tornadic forces. Tindall delivered a total solution to the client with a wide array of over 1,000 specialized products within a tight six-month schedule.



GLENBROOK AT WESTFIELD OFFICE BUILDING

CHANTILLY, VA | VIRGINIA DIVISION



It takes something truly special to impress people these days. For the VP of Meyer Consulting Engineers, Mike Kelley, it was seeing Tindall products in action. "I've never seen an office building go up so fast," he remarked.

The project was to erect a three-story, 60,000-square-foot office building utilizing Tindall's precast concrete products. Exterior design elements include attractive architectural finishes with details on the exterior columns and spandrels, while the interior boasts wide open spans.



MORE COMMERCIAL PROJECTS



NEW HOPE MEDICAL OFFICE BUILDING

DULUTH, GA | GEORGIA DIVISION

The New Hope Office Building is a three-story, 23,744-square-foot, total precast structure. The sleek modern design of the buff and grey building is amplified by the two distinct exposures per color.

[READ FULL PROFILE](#)

TWO BUCKHEAD PLAZA OFFICE BUILDING

ATLANTA, GA | GEORGIA DIVISION

A request for a top-notch office structure in a competitive, upscale market with limited building space? A tight budget? The need for high occupancy? That's just the kind of challenge Tindall lives for.

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