



Tindall

ENGINEERED TO SERVE



COMMERCIAL PROJECTS



TWO BUCKHEAD PLAZA OFFICE BUILDING
Atlanta, GA

MISSION IMPOSSIBLE? NOT FOR TINDALL.

A request for a topnotch 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. This eight-story, total precast office building utilizes a utilitarian, load-bearing architectural exterior, making it both functional and aesthetically stunning.

Cast in a white concrete mix with intricate reveal patterns, projections, openings, and cornices, this design complements the existing cast-in-place plaza complex, echoing the sophisticated look of the Atlanta suburb of Buckhead. The decision to make the architectural cladding integral with the structure allowed for more ornamentation than the budget originally included.



AWARD-WINNING INGENUITY

The precast exterior of the construction is more than visually stunning. It is load bearing for the tri-slab floor members and provides lateral resistance in the north-south direction. The tri-slab composite concrete floor system was designed with members as continuous spans, reducing deflections and structural depth, while closely emulating cast-in-place construction.

Two Buckhead Plaza Office Building was awarded the 2007 precast, prestressed Concrete Institute's (PCI) Harry H. Edwards Industry Advancement Award. In presenting this award, the PCI Jury commented,

"The innovative features implemented into this total precast building make it worthy of award. This is not the first total precast building, and it won't be the last, but there is definitely something new and unique about the use of so-called W-beams. The beauty of (these beams) is that they also provide for structural integrity, something we all anticipate will be implemented in the next building code cycle."



FUNCTIONAL & BEAUTIFUL

SPECIFICATIONS

211,000 SQ.-FT. OF TOTAL PRECAST STRUCTURE

1,349 TOTAL PRECAST PIECES

LOAD-BEARING ARCHITECTURAL SKIN



EAST PARK
Tallahassee, FL

BLENDING IN SEAMLESSLY

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.





MISSION CRITICAL FACILITY
North Carolina

DESIGNING THE IDEAL DATA DESTINATION

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.

The final design featured an attractive and simple exterior facade, designed to eliminate ongoing maintenance costs. Exposed surfaces with cast-in rick 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.



NEW HOPE MEDICAL OFFICE BUILDING
Duluth, GA

THREE STORIES, ONE SOLUTION

The New Hope Medical 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. Sandblasted cornices and three-quarter inch reveals enhance the unique look of the structure by creating depth and contrast along the 212-foot-long structure. The building also features an impressive rotunda, which required shaping, framing, and fitting precast panels with places to accept the structural steel.





SPECIFICATIONS

COMPLETED IN 30 DAYS

376 TOTAL PRECAST PIECES, INCLUDING
DOUBLE TEES, WALL PANELS, AND CORNICES

23,744-SQUARE-FOOT STRUCTURE

THREE-STORY, FULLY-PRECAST CONSTRUCTION

ACING THE TEST

The New Hope Medical Office Building was used as a “test” construction for the city of Duluth. The test was to see if city officials would approve of precast concrete as a method of construction for future jobs within city limits. Tindall was selected for its impressive architectural finishes, high-quality components, competitive pricing and fast design-build schedules. When construction was completed, officials in Duluth were impressed. They now use this highly-successful precast construction as a basis for other projects within the city.



HIGHLY-SUCCESSFUL PRECAST CONSTRUCTION



NTT GLOBAL DATA CENTERS AMERICAS

Ashburn, VA

When NTT Global Data Centers Americas, one of the world's preeminent designers, builders, and operators of mission critical data centers, wanted to expand their 78-acre Ashburn Data Center Campus by adding a second facility, Tindall provided the engineering horsepower needed to bring their vision to life.

[LEARN MORE ABOUT NTT GLOBAL DATA CENTERS AMERICAS](#)



GIBBS CANCER CENTER

Greer, SC

In 2018, Spartanburg Regional Health Services began formulating plans for a 191,000-square-foot expansion for the Gibbs Cancer Center and Research Institute at Pelham. This new facility would greatly expand the existing hospital's oncology and cancer rehabilitation services, bringing state-of-the-art technologies and capabilities to the Upstate.

[LEARN MORE ABOUT GIBBS CANCER CENTER](#)

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