



PROJECT

Mixed-use building

LOCATION

North Carolina,
United States

INFORMATION

Area: Building structures
Market: Commercial and mixed-use
Year of completion: 2016
Developer: Kane Realty
Architecture: Cline Design Associates
In collaboration with: Confidential
Our work: Preliminary design

DESCRIPTION

Smoky Hollow is a 700,000 sq ft. mixed-use complex located in Raleigh, North Carolina (United States). Due to the multiple uses the building serves (residential, workplace, and shopping center) different solutions and structural typologies had to be combined for this project.

SOLUTION

We solved the structure using post-tensioned and precast reinforced concrete, where column transitions were solved using large post-tensioned beams.

OUR QUALITY TURN

Our client had deal with a very tight deadline, so RDA gathered a team of more than ten people, including engineers, BIM modelers, and CAD designers, who worked in coordination to develop the best solution in the little time available.