



Project Spotlight: 360 Rosemary

West Palm Beach, FL

The 360 Rosemary is a post-tensioned concrete building with a longform wide module pan joist structural system. One of the few concrete office buildings in South Florida, 360 Rosemary's 45-foot-perimeter and column-free bays were achieved with only a 24.5-inch-deep structural concrete profile. Ceco provided the full concrete frame including foundations and crane hoisting for this project. More than 580,000 square feet of concrete was framed and poured onsite. Shell work began October 2019, and the building was topped out August 2020.

PROJECT TYPE:

Office Building, 24,240 SF / Typical Level

DESIGN LOADS

Additional DL = 25 PSF, LL = 65 PSF

TYPICAL FLOOR PLAN

Total depth 24.5" for all beam and ribs

Bay Width - 45', 30' & 45' Bays, Length 30' Bays

Pan Size - 20" depth, 66" wide, 4.5" thick slab

TYPICAL FLOOR CYCLE

8 Days

TYPICAL FLOOR MATERIAL QUANTITIES

- Slab Concrete: 605 CY, equivalent slab depth of **8.1** inches
- Slab Rebar: 84 TNS, equivalent **6.93** # / SF
- Beam (only) PT: 11,343, equivalent **0.47** # / SF

