



CRISER
TROUTMAN
TANNER

STRUCTURAL ENGINEERING PROJECT

BRUNSWICK MEDICAL PARK BUILDING ONE



Owner:

- ▶ Brunswick Medical Group, LLC

Contractor:

- ▶ Saieed Construction Systems

Architect:

- ▶ Lisle Architecture & Design, Inc.

Location:

- ▶ Supply, North Carolina

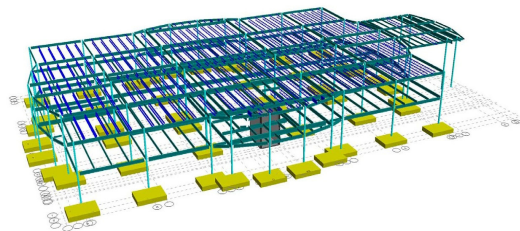
Project Highlights:

- ▶ Drive-thru canopy constructed on end of building.
- ▶ Building sides and ends contained protruding curved walls and storefront systems.
- ▶ Steel wind framing designed integrally within curtain wall system to provide support for high and medium height parapet walls above curved wall areas.



CRISER • TROUTMAN • TANNER provided structural engineering services for the design of a 40,000 SF, two-story medical office building utilizing a composite concrete floor slab system on steel beams and supported by steel tube columns. The lateral bracing system, designed for 130 mph wind and associated seismic requirements, consisted of Chevron bracing frames. Exterior wall framing consisted of light-gage metal stud curtain wall framing. Foundation system and guide rail support system was provided for an elevator. RAM Steel & Advanse software was utilized in the structural design of the building.

Limited construction phase services were provided.



3-D Structural Analysis Model