

Novartis Oncology Consolidation Center Building Three

East Hanover, New Jersey

Owner

Novartis Pharmaceutical Corporation

Client/Architect

Rafael Viñoly Architects, PC

General Contractor

Turner Construction

Completion Date

2012

Construction Cost

\$145 million

Total Area

310,000 sf



Thornton Tomasetti is providing structural design services for a new 310,000-square-foot building on Novartis' East Hanover campus. The new building will house 800 open workstations, a 50-seat café, a fitness center and conference rooms.

The new office building for the oncology division is part of a consolidation program, which is a component of a larger master plan development of the East Village portion of the campus, scheduled through 2050. The structure will have an extensively glazed roof and curtain wall that will be suspended from architecturally exposed built-up box beams at the roof level. The building contains two architecturally exposed concrete shearwall cores on either side of the atrium.

Project challenges included designing elements around exposed steel and concrete features for each floor, and limiting glass deflection, vibrations and movement because of the glass exterior façade. This unusual feature was configured in the design phase with the long-span structural elements. Revit was coordinated throughout the whole project allowing better architectural and engineering team coordination while saving time.

