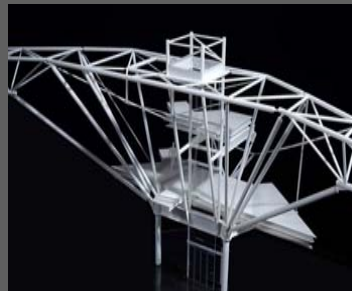


Photo by Chuck Choi Architectural Photography

300 New Jersey Avenue

SK&A is proud to be the Structural Engineer-of-Record for the new home of the law firm of Jones Day at 300 New Jersey Avenue, NW, in Washington, DC. The recently completed LEED Gold project includes alterations to the existing 1953 limestone-clad structure, and the addition of an adjacent new concrete-framed wing. The new wing is ten stories of above grade office space totaling 300,000 GSF, plus six levels of below grade parking for 600 cars. The large above-grade structural bays of 42 by 30 feet were achieved using an eleven-inch thick post-tensioned concrete slab system with shear capitals at the columns.

The new wing forms a nine-story atrium (pictured at the left) with the existing 1953 building and features a complex central structural "tree" housing a central staircase and exposed elevator, and providing support for the atrium's glass roof. Portions of the central atrium structure were modeled using BIM software in selective applications, and analyzed using ETABS and SAP 2000 analytical software.



Courtesy of HKS, Inc.



Courtesy of HKS, Inc.

Owner: Dweck Properties
 Development Services: The JBG Cos.
 General Contractor: Clark Construction
 Design Architect: Rogers Stirk Harbour & Partners
 Architect of Record: HKS, Inc.
 MEP: TOLK Engineering, Inc.
 Structural: Smislova, Kehnemui & Assoc., PA

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