

**Job Description: Architectural Designer II (International Mixed-Use High-Rise Buildings)**

**Location:** New York, New York

**Primary Responsibilities:**

- Conceptualize, create, design, and develop architectural plans/strategies for international mixed-use high-rise buildings construction including large-scale master planning, office, residential, and hotel, through all phases.
- With oversight from design principal, assist in leading teams of architectural designers to produce concept design studies, feasibility studies, design development studies, and high-quality presentation materials for client and government approvals.
- Develop architectural plans and drawings, taking into account project regulatory codes, environmental rules and regulations, safety issues, and other design and construction-related factors.
- Alongside the design principal, develop the design concept, presentation narrative, site and traffic planning, exterior façades, interior design, material selection, landscape, and lighting concepts for high-end mixed-used high-rise building projects.
- Develop innovative design solutions and coordinate construction documents with specialist consultants regarding structure, MEP (mechanical, engineering, and plumbing) systems, facade, vertical transportation systems, facade maintenance, lighting, and landscape.
- Utilize advanced knowledge of tall building fundamentals, including structure and MEP systems, vertical transportation system, curtain wall, building maintenance strategies, egress and fire safety and sustainable design integration.
- Utilize AutoCAD to draft, sketch architectural drawings on curtain wall and canopies. Coordinate junior-level Architects to prepare architectural drawings and documents. Develop complex 3-dimensional geometric building and facade design approaches that lead to iconic and innovative building and facade designs in response to project brief and site conditions.
- Utilize Grasshopper plugin within Rhinoceros 3D to address complex and challenging curtain wall and canopy designs in a computational manner, by developing easily modifiable parametric models to expedite the production of Rhinoceros models.
- Utilize Adobe Creative Suite for high-end visualization and publication quality presentation materials. Make recommendations based on functionality, properties and utilization of materials, spatial principles, integration of historical and cultural design perspectives, urban planning, and place-making.

**Qualifications:**

- Bachelor's degree, or foreign equivalent, in Architecture, Architectural Design, or a closely related field
- Five years of experience as an Architect, Architectural Designer or closely related occupation
- Experience must include at least 5 years with the following: conceptualizing, designing, and developing architectural plans/strategies for international mixed-use high-rise buildings

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- construction including large-scale master planning, office, residential, and hotel, through all phases;
- Architectural design, including MEP systems, structural systems, vertical transportation systems, façade and curtain wall design technical details, taking into account code and zoning requirements, environmental regulations, urban constraints and cities requirements for mixed-used high-rise building projects;
  - Drafting technical drawing sets and other architectural documents through all phases using AutoCad software for mixed-used high-rise building projects;
  - Preparing presentations through all phases using Adobe Creative Suite, including Photoshop, Illustrator and InDesign;
  - Performing 3D modeling of complex geometries using sketch up 3D software; utilizing Grasshopper plugin within Rhinoceros 3D to address designs in a computational manner;
  - using V-ray for rendering techniques to articulate experiential design ideas and demonstrate spatial quality for client's understanding; Enscape;
  - and complete technical drawing sets through all phases using Revit Software.
  - Multiple positions available.

To apply, please send resume to Kohn Pedersen Fox Associates PC, ATTN: Keiry Sanchez, [ksanchez@kpf.com](mailto:ksanchez@kpf.com).

Must reference 10443. Kohn Pedersen Fox Associates PC is an EEO/AA employer. No calls.

**Pay Range:**  
\$103,086/year annually