

**Job Title: Architectural Designer II (Commercial/Mixed-Use Buildings) (Multiple Openings) in New York, NY**

**Position Summary:**

Conceptualize, create, design, plan and develop new construction projects for Commercial and/or mixed-use buildings through all phases, from concept design, schematic design, design development, construction documentation and construction administration. With oversight from Design Principal, assist in leading teams of architectural designers on domestic commercial buildings and international mixed-use building types, including office, transportation, sport complex, retail, shopping mall, residential, and hotel, to produce design studies, construction documents, and high-quality presentation materials for client and government approvals. Prepare construction drawings in aid of Building Integrated Modeling (BIM) and drafting software such as AutoCAD. Develop innovative design solutions and coordinate construction documents and deliverables with specialist consultants with regards to 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. Develop and integrate sustainable green building strategies for LEED (Leadership in Energy and Environmental Design) certification. Account for project regulatory codes, environmental rules and regulations, safety issues, and other design and construction-related factors. Collaborate and manage coordination with consultants from ancillary design disciplines of landscape design, lighting design and interior design in order to hand over a comprehensive building to the client. Prepare tender issuance drawing sets and facade VMU (visual mock up) and PMU (performance mock up) drawing sets for above-mentioned buildings. Liaise with contractors and approve submittals in construction administration phase. Liaise with the client on all design and construction related issues, assess their needs, develop strategies to satisfy their objectives, communicate the direction with the project team and aid their marketing strategy. Utilize Grasshopper plugin within Rhinoceros 3D to address complex geometries during the design process to resolve complex conditions. Apply advanced knowledge of V-Ray rendering techniques to articulate experiential design ideas and demonstrate spatial quality for client's understanding. Implement Revit building information modeling techniques and CAD drafting knowledge to generate complete complex construction drawing sets, regulatory agency drawing sets, tender issue drawing sets, consultant coordination drawings and presentation

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drawings. Use Adobe Creative Suite including Photoshop, Illustrator and InDesign software for high-end visualization and publication quality presentation materials for client meetings, discussion and competition work.

### **Minimum Requirements:**

Bachelor's degree, or foreign equivalent, in Architecture, Architectural Design or a closely related field, plus 10 years of experience in Architecture.

Requires 10 years of experience in:

1. Conceptualizing, creating, designing, planning and developing new construction projects for commercial and /or mixed-use buildings through all phases;
2. Coding and zoning requirements, environmental regulations, urban constraints and cities requirements;
3. MEP systems, structural systems, green building strategy, and vertical transportation for Commercial and/ or Mixed-Use buildings;
4. Façade and curtain wall design technical details;
5. Technical drawing sets and other architectural documentation for Commercial and /or Mixed -Use building through all phases using AutoCad;
6. Presentations using Adobe Creative Suite, including Photoshop, Illustrator, V-Ray and InDesign;
7. Developing sustainable green building strategies for LEED certification; and
8. Performing 3D modeling using Rhino 3D software.

Salary: \$109,491.00/year. Please send resume to [careers-ny@kpf.com](mailto:careers-ny@kpf.com). Must reference 632595. Kohn Pedersen Fox Associates PC is an EEO/AA employer.