

Architectural Millwork Pre-Construction Engineer

OPERATIONAL LEADERSHIP	PROCESS IMPROVEMENT	IN PERSON	ORLANDO, FLORIDA
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Zaho Global Enterprises LLC, a custom Architectural Millwork manufacturer, is hiring an experienced Architectural Millwork Pre-Construction Engineer. This operational leadership position is accountable for providing technical and constructability reviews of awarded projects before shop drawing development begins. This is not simply a drafting position. We are looking for an experienced architectural millwork professional who understands how custom millwork, casework, and cabinetry are engineered, fabricated, and installed. We offer full benefits, weekly pay, direct deposit, Vacation pay, and 401 (k).

Position Summary

The Architectural Millwork Pre-Construction Engineer analyzes architectural drawings for newly awarded projects to define the scope, manufacturing methods, and potential design flaws. This role is critical in identifying missing information and resolving technical conflicts before drafting begins. The ideal candidate possesses comprehensive knowledge of the entire millwork lifecycle—from design intent through engineering, fabrication, and installation. Ultimately, your mission is to proactively solve technical challenges at the project's inception, preventing costly issues on the shop floor or job site.

Key Responsibilities

- Review architectural drawings, specifications, and contracted scope immediately after project award.
- Understand the design intent and determine how the millwork should be engineered and constructed.
- Identify design conflicts, missing information, dimensional issues, and constructability concerns before drafting begins.
- Establish preliminary construction methods and provide technical direction to the Drafting/Engineering team.
- Identify required RFIs, field dimensions, and coordination issues with other trades.
- Review developing shop drawings for constructability and manufacturing feasibility.
- Consider materials, hardware, substrates, veneers, finishes, joinery, and fabrication methods.
- Coordinate with Project Management, Estimating, Drafting, Engineering, and Production.
- Help ensure a smooth transition from Award → Pre-Construction → Drafting/Engineering → Production → Installation.

Qualifications

- 7–10+ years preferred in architectural millwork, commercial casework, or custom cabinetry.
- Strong ability to read architectural drawings, specifications, and millwork shop drawings.
- Thorough understanding of architectural millwork and cabinetry construction.
- Ability to translate architectural design intent into practical, manufacturable solutions.
- Knowledge of materials, hardware, joinery, finishing, and CNC manufacturing.
- AutoCAD, Microvellum, Cabinet Vision and/or Bluebeam experience is highly desirable.
- Strong technical problem-solving and communication skills.
- Demonstrated ability to establish processes, standards, and operating procedures.
- Ability to manage multiple priorities within a deadline-driven environment.
- Successful completion of drug and background screening.

If you are looking for a challenging opportunity, we would like to hear from you. Please apply with your resume highlighting your relevant experience to: ccordero@zahoglobal.com

Zaho Global Enterprises LLC is a drug-free workplace and an equal opportunity employer committed to diversity and inclusion. We prohibit discrimination and harassment based on race, color, sex, religion, sexual orientation, national origin, disability, genetic information, pregnancy, or any other protected characteristic as outlined by federal, state, or local laws.