

JOHN C. MELCHING III

SPECIALTY CONSTRUCTION | PRECONSTRUCTION | DESIGN ENGINEERING

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PROFESSIONAL PROFILE

Preconstruction and project leader with 15+ years of experience delivering complex architectural metal, glass, monumental stair, facade, utility, and specialty scopes. Combines management-level ownership with hands-on strength in design engineering, estimating, constructability, fabrication, logistics, project controls, and field execution. Known for translating ambitious design intent into buildable work, creating practical solutions when conventional methods fail, and staying composed through difficult decisions and high-pressure closeout.

SELECTED IMPACT

15+ YEARS ACROSS SHOP, DESIGN, AND DELIVERY	~\$30M LARGEST SIGNATURE SPECIALTY SCOPE LED	FULL-CYCLE CONCEPT, COST, FABRICATION, FIELD, CLOSEOUT
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CORE EXPERTISE

Preconstruction and Commercial

Design-assist; conceptual and ROM budgets; scope narratives; RFQs; bid leveling; buyout support; value engineering; change orders; contract and risk review

Leadership and Systems

Client and GC coordination; operations management; vendor and subcontractor leadership; training; process improvement; difficult conversations; cross-functional communication

Technical and Delivery

Constructability; detailing and engineering coordination; QA/QC; fabrication support; field logistics; scheduling; procurement; installation readiness; closeout

Technology

MS Project; Primavera P6; Smartsheet; Procore; AutoCAD; Inventor (FEA); Fusion 360; Revit; SketchUp; Bluebeam; Microsoft 365; QuickBooks

PROFESSIONAL EXPERIENCE

Synergi LLC

Mar 2025 - Present

Preconstruction Manager / Senior Construction Project Manager | King of Prussia, PA

- Lead design-assist and preconstruction for complex architectural metal, glass, millwork, guardrail, handrail, and monumental stair scopes.
- Develop ROM budgets, scope narratives, alternates, schedules, procurement assumptions, and vendor comparisons for high-profile feature work.
- Coordinate constructability, detailing, engineering input, design-intent resolution, procurement, QA/QC, and installation readiness.
- Current work includes Foot Locker HQ in New York, 1428 Brickell in Miami, and 535 Pacific / OpenAI in San Francisco.

Graboyes Commercial Window & Glass Solutions

Mar 2025 - 2025

Design Engineer and Preconstruction Manager | Bristol, PA / Hybrid

- Reviewed design and installation drawings for constructability, consistency, and client requirements.
- Built Smartsheet document-control workflows, automations, and training systems supporting estimating, procurement, and project management.
- Improved change-order tracking, recovered overlooked revenue, and coordinated fabrication, logistics, contracts, and master schedules.

Interim Project Management Assignments

May 2024 - Mar 2025

Kupper Engineering and Henkels & McCoy | Greater Philadelphia, PA

- Supported engineering and utility delivery through scheduling, cash-flow forecasting, risk controls, vendor coordination, and project documentation.
- Managed and tracked complex scopes, including utility work valued above \$10M, using MS Project, Primavera P6, and advanced Excel systems.

PROFESSIONAL EXPERIENCE - CONTINUED

Genesis Architectural LLC

Jul 2018 - May 2024

Operations Manager / Senior Project Manager | Willow Grove, PA

- Directed drafting, fabrication, installation, vendor coordination, budgeting, scheduling, executive client communication, and company-wide operations.
- Established quality standards, mentored staff, supported equipment and financial decisions, and resolved complex project and personnel issues.
- Led field operations, site measurements, submittals, RFIs, change orders, AIA billing, CAD details, logistics, and closeout for major custom architectural work.

M3AE LLC

Jan 2015 - Jul 2018

Project Manager / Estimator | New Hope, PA

- Managed project documentation, vendor proposals, RFIs, submittals, schedules, field inspections, shop reviews, QA/QC, and project handoffs.
- Built bid requests, pricing sheets, proposals, and contract-risk analyses for specialty architectural scopes.

American Architectural, Inc.

May 2006 - Dec 2012

Intern / Assistant Project Manager - Part-Time | Bensalem, PA

- Developed an early full-cycle foundation in estimating, drafting, project management, material takeoffs, fabrication, scheduling, IT, closeout, and scope review.
- Contributed to high-profile New York architectural work while learning the business from the shop floor forward.

SELECTED PROJECT EXPERIENCE

Moynihan Train Hall - New York**Project Manager / Primary GC Contact | Nearly \$30M specialty scope**

Led custom glass, architectural metal, hidden doors, trims, canopies, graphics, access panels, and cladding through engineering resolution, fabrication, logistics, installation, and closeout. Worked night shift for two months to complete critical work alongside multiple trades.

Rubenstein Commons, Institute for Advanced Study - Princeton**Project Manager / Design Problem-Solver | Nearly \$5M specialty scope**

Developed a purpose-built lifting rig for prismatic glass units weighing roughly 2,000 lb when conventional vacuum equipment could not solve the installation. Carried the concept into a fabrication packet and practical field method.

United Overseas Bank - New York**Estimator / Design Engineer | Approximately \$11M specialty scope**

Estimated and engineered a custom curtain wall retrofit with integrated linear lighting for a prominent Fifth Avenue facade.

One Times Square Canopy - New York**Project Manager | Approximately \$2M specialty scope**

Created a custom frit approach that produced the intended multi-panel glass appearance while materially reducing fabrication and installation complexity.

God's Love We Deliver - New York**Design Engineer / Project Manager | Approximately \$6M specialty scope**

Supported design engineering and assumed project leadership late in the delivery cycle for a complex adaptive-reuse expansion.

545 Madison - New York**Estimator / Project Manager | Approximately \$3.5M specialty scope**

Led estimating and project management for a large custom curtain wall scope in a demanding Midtown environment.

EDUCATION AND ADDITIONAL STRENGTHS

Bachelor of Architectural Engineering

Minor in Business - Penn State University, 2013

Hands-on foundation

Started in a metal shop at 15; stainless finishing; brake press; shear; fabrication and field support.