Exponent®
Engineering & Scientific Consulting

Brooke Lenes

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Professional Profile

Ms. Lenes has over three years of experience in the construction industry, with expertise in both commercial and residential sectors. Her background includes involvement in new build projects and forensic investigations of existing structures. She has handled a range of project activities, including scheduling, cost control, field testing, and quality assurance on job sites. Specializing in maintaining project financial health, Ms. Lenes has assisted with budget tracking, change order management, and subcontract negotiation on high-profile projects.

Prior to joining Exponent, Ms. Lenes worked for a luxury residential contractor in Boston, Massachusetts. Her experience managing complex urban projects in Boston's historic architectural districts equipped her with the skills to effectively manage multidisciplinary teams and execute project deliverables with a strong attention to detail. During her time there, she conducted weekly Owner-Architect-Contractor meetings, updated and maintained look-ahead schedules, and analyzed and presented subcontract award recommendations.

She graduated from Northeastern University with a B.S. in Civil Engineering, concentrating in Structural Engineering. During her studies, Ms. Lenes completed three 6-month internships, which helped her develop skills in project management within her field of passion.

Academic Credentials & Professional Honors

B.S., Civil Engineering, Northeastern University, 2023

Prior Experience

Assistant Project Manager, Sea-Dar Construction, 2023-2024

Project Operations Co-op, Sea-Dar Construction, 2022-2023

Engineering Assistant, RDH Building Science, 2021

Engineering Co-op, Turner Construction, 2020-2021

Project Experience

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Residential Construction Assistant Project Manager

Managed accurate project documentation, including contracts, change orders, and project plans. Oversaw project teams, including architects, engineers, and contractors, to achieve project goals. Supported budget tracking and management, procurement of long lead items, and monitoring expenses. Managed relationships with subcontractors, vendors, and suppliers, negotiating contracts and ensuring timely delivery of materials and services.

Electronic Leak Detection (ELD) Field Testing Supervisor

Directed testing, scheduling and equipment maintenance for Electronic Leak Detection services. Conducted field reviews and on-site testing of building enclosure assemblies for new construction and renewal projects.

Massachusetts Department of Transportation Office Construction Project - Project Engineer

Assisted the Project Engineer with information gathering and approvals for shop drawings and submittals. Ensured subcontractors understand and adhere to the job schedule. Disseminated construction information to appropriate parties.

Northeastern University ABLE Lab - Research Assistant

Explored energy usage in buildings to facilitate the tracking of home energy usage during extreme weather conditions. Conducted statistical natural disaster research to create several figures using Python and Tableau visualizing United States natural disaster records.