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# MARIO HERRERA, S.M. ASCE

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## PROFESSIONAL SUMMARY

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Consistently rewarded for success in planning and operational improvements. Proven success in leadership, operational excellence and organizational development with keen understanding of elements of construction business. Experience in policy development and staff management procedures positively impacting overall morale and productivity.

Proven skills in verbal and written communication and problem-solving combined with an unsurpassed work ethic, proactive mindset and detail-oriented approach. Highly-skilled in supervising projects from start to finish.

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## SKILLS

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|----------------------------|---|
| • Construction management  | • Budget planning                           |
| • Document review          | • Estimating                                |
| • Subcontractor management | • Autodesk Revit, AutoCAD, Trimble SketchUp |
| • Permitting               | Pro, Bluebeam Revu                          |

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## WORK HISTORY

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**Project Manager**, 01/2010 to Current

**R.D. Howard Construction** – Fort Worth, TX

- Achieved maximum cost effectiveness by providing value engineering for construction means and methods.
- Kept sites compliant with OSHA, federal, state and local regulations to prevent unnecessary delays.
- Verified completed projects met approved time, quality and cost estimates.
- Scheduled workforce needs with superintendents and allocated company resources to meet project requirements.
- Developed and executed pre-construction milestones on project schedule.
- Held construction progress and regular status meetings with project team.
- Consulted with clients to define objectives and develop scopes.
- Improved cost control through effective allocation of subcontractors and site resources.
- Managed and led multi-disciplinary design team throughout development and contract document phases for House of Worship project.
- Managed commercial construction projects by working effectively with general contractors, subcontractors, engineers and architects.
- Reduced costs by driving competitive subcontractor bids and effective contract execution.

**Resident Engineer**, 02/2006 to 07/2009

**Serviobras Ltda** – Colombia

- Interacted with state and local agencies concerning compliance with codes and regulations.
- Monitored project progress, ensuring conformance to design specifications and safety standards.
- Prepared project proposals, including cost estimates, schedules and project specifications.
- Followed up with external contractors, project owners and other stakeholders to gather information and resolve issues.
- Drafted 2D and 3D designs, using hand drawings and AutoCAD software.
- Analyzed survey reports, maps, blueprints and other topographical and geologic data to effectively plan infrastructure and construction projects.
- Attended training, meetings and seminars to enhance job knowledge and skills.
- Kept project on schedule and within budget while serving as project leader.
- Controlled engineering activities to maintain work standards, adhere to timelines and meet quality assurance targets.
- Verified construction documentation conformed to quality assurance standards and client requirements.
- Calculated load levels and material stress factors using SAP2000 to identify design constraints.

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## EDUCATION

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**Master of Engineering:** Construction Engineering and Management (Anticipated graduation in 2023)

University of Texas at Arlington – Arlington, TX

**Certificate:** Construction Management.

**Columbia University in The City of New York** – New York, NY

**Bachelor of Science:** Civil Engineering

**Rafael Nunez University** – Cartagena, Colombia

- Minored in Construction Management

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## MEMBERSHIPS

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American Society of Civil Engineers.

International Concrete Repair Institute, Inc.