



CARLOS ARELLANO MARTÍNEZ

The Woodlands, TX 77382.

Phone: 832-228-4902

E-mail: carlosarellanomartinez@cam-architect.com

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Phone: 832-228-4902 | Email:

carlosarellanomartinez@outlook.com | LinkedIn:

<https://www.linkedin.com/in/carlos-arellano-martinez/> |

Portfolio:

TARGET ROLES

Project Designer | BIM Lead | Senior BIM Designer | Job

Captain (Revit)

PROFESSIONAL SUMMARY

Foreign-trained Architect and BIM-focused Project Designer with 20+ years of experience and 7+ years in Houston delivering Revit-based BIM models, U.S.-standard construction document sets, and fabrication/installation-ready shop drawings for healthcare-led interiors and commercial office projects. Specialized in prefabricated interior construction systems (Falkbuilt)—premanufactured partitions, glass fronts, doors, operable walls, millwork design, and vinyl wall protection—supported by strong field verification/as-builts, including coordinating on-site measurements and translating field conditions into accurate documentation. Proven in Arch/MEP interface coordination and disciplined revision control through RFIs, submittals, QA/QC markups, and document management using ACC/Procore and Bluebeam. Authorized to work in the U.S.

Deliverables: Revit BIM models | Permit/Bid/IFC CD sets | Shop drawings | As-builts | RFIs/Submittals | BOQs/Takeoffs | Sketches | Renderings

CORE COMPETENCIES

- Revit BIM production, model coordination, and documentation standards
- U.S.-standard construction document sets (permit/bid/IFC packages)
- Shop drawings for Falkbuilt interior systems (fabrication/installation): partitions, glass fronts, doors, operable walls, millwork, and wall protection
- Field verification, as-builts, existing conditions, on-site measurement coordination

- Architectural/MEP interface coordination and constructability support
- RFI/submittal workflows, revision control, QA/QC markups
- Document management and collaboration using ACC/Procore and Bluebeam
- Bills of Quantities (BOQs) / takeoffs
- Hand sketching / field sketches and design studies
- Renderings and visualizations for design review (Enscape)

TECHNICAL SKILLS

Revit | AutoCAD | Autodesk Construction Cloud (ACC) | Procore | Bluebeam Revu | Microsoft Office Suite | Enscape | Adobe Creative Suite

PROFESSIONAL EXPERIENCE

NMG Workspace Solutions (Specialists in Modular Interior Construction) — Houston, TX

Project Designer & Site Field Verification Coordinator | Aug 2018 – Jan 2026

Contributed to healthcare, office, and commercial projects across the Middle East (primarily Kuwait and Saudi Arabia) and the United States. NMG specializes in modular interior construction for complex healthcare environments, delivering prefabricated interior partition systems for spaces throughout hospitals, including ORs, imaging, and support areas, with integration of advanced technology and building systems. The same modular approach is applied to office, commercial, and educational projects. NMG's off-site fabrication and streamlined installation support fast-track, clean builds with reduced on-site trades, improved efficiency, and minimal jobsite waste through modern manufacturing processes and construction expertise.

- Responsible for end-to-end delivery of coordinated Revit-based BIM models and U.S.-standard construction documentation sets, including coordinated drawing packages supporting design development, permitting, and construction delivery.
- Produced fabrication/installation-ready shop drawings for Falkbuilt interior systems: partitions, glass fronts, doors, operable walls, millwork design, and wall protection/vinyl wall protection.



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- Led site field verification/measurement coordination and translated field conditions into accurate existing-conditions and as-built documentation.
- Coordinated Arch/MEP interfaces for modular wall/partition systems to support integration of building systems and maintenance requirements.
- Managed RFIs, submittals, and revision control; performed QA/QC markups in Bluebeam and maintained document control using ACC/Procore.
- Produced sketches and renderings/visualizations to communicate scope and support stakeholder reviews.
- Prepared BOQs/takeoffs as required to support project delivery and coordination.

Independent Architectural Consultant — Houston, TX

Independent Architectural Consultant | 2019 – 2024

Provided architectural design support to owners and contractors for commercial and residential projects from early concept through construction.

- Delivered space planning, layouts, and design development support.
- Produced Revit-based BIM models and construction documentation.
- Developed millwork design packages, including layouts/elevations and coordination for fabrication/installation intent.
- Produced concept/coordination sketches and renderings to support client alignment and contractor coordination.

ADDITIONAL EXPERIENCE

C.M. Arquitectura y Urbanismo — Barquisimeto, Venezuela

Project Architect | 2001 – 2008

- Responsible for end-to-end delivery of architectural project deliverables from concept through construction documentation, including drawings, detailing, sketches, and renderings.
- Prepared BOQs/takeoffs as required to support project planning and delivery.

TECNICA 2120F C.A. — Maracaibo, Venezuela

Project Engineer (General Contractor) | 2008 – 2011

- Responsible for project documentation, documentation control, and BOQs/takeoffs for public school construction projects.
- Supported field execution, RFIs/submittals, and estimating activities to keep work aligned with plans, schedule, and contract requirements.

San José de la Montaña Nursing Home — Maracaibo, Venezuela

Resident Inspector | 2013

Project: Main Building & Service Facilities Rehabilitation (Stage 4)

- Responsible for field verification, including site measurements and documentation updates to validate installed conditions and support project controls.
- Supported owner-side oversight activities including inspections, progress tracking, and issue follow-up.

FMV — Quito, Ecuador

Project Architect / Architectural Consultant | 2013 – 2014

- Responsible for end-to-end delivery of architectural deliverables for assigned projects, including design development, construction documentation, sketches, and renderings.
- Coordinated documentation packages to meet design and construction requirements.

Independent Architectural Consultant — Barquisimeto, Venezuela

Project Architect | 2014 – 2016

- Delivered architectural design and project development services from concept through documentation.
- Produced BOQs/takeoffs, sketches, and renderings to support approvals and construction planning.

EDUCATION

Architect (Professional Degree) — Universidad del Zulia (LUZ), Maracaibo, Venezuela | 2001