

VDC/BIM Detailer / CAD Designer

CAD / Engineering Design / Utility Construction / Fabrication

5+ Years Design & Drafting

YEARS OF EXPERIENCE

LOCATION	Phoenix, AZ
POSITION	CAD Designer / VDC-BIM Detailer Candidate
YEARS OF EXPERIENCE	5+ Years
CERTIFICATIONS	Associate Degree – Technical & Computerized Drawing and Design
SALARY REQUIREMENT	\$39+ an hour
RELOCATION	No
START DATE	ASAP

CANDIDATE OVERVIEW

Phoenix-based CAD and engineering design professional with 5+ years of experience across 3D modeling, 2D drafting, electrical utility infrastructure, construction documentation, fabrication, and product design. Advanced daily SolidWorks user with additional professional experience using AutoCAD and DraftSight to produce detailed 3D models, technical drawings, fabrication documentation, BOMs, assembly instructions, and construction-ready design packages.

Construction-related experience includes electrical utility infrastructure design, where the candidate interpreted field data and engineering documentation, performed pole loading, structural, voltage drop, short-circuit and clearance calculations, and coordinated directly with field personnel, engineers, project managers, and utility clients. This background provides a strong understanding of taking field information and engineering requirements and translating them into accurate, constructible drawings.

While direct commercial HVAC, plumbing, and mechanical piping experience is not established, the candidate brings a strong technical drafting and fabrication foundation that should transfer well into VDC/BIM. Currently handles approximately 15–20 custom design projects per week and has experience taking concepts through 3D modeling, production drawings, fabrication documentation, BOMs, and final assembly instructions.

KEY STRENGTHS

- 5+ years of CAD, drafting, engineering design, and fabrication experience
- Advanced SolidWorks with professional AutoCAD and DraftSight experience
- Strong 3D modeling, 2D drafting, technical drawing, and construction documentation skills
- Electrical utility construction design and engineering calculation experience
- Experience producing fabrication drawings, BOMs, assembly documentation, and isometric drawings
- Strong field-to-design coordination and constructability background
- Experience training designers and developing internal design standards
- Local to Phoenix and immediately available

SKILLS CHECK LIST

- AutoCAD
- SolidWorks
- DraftSight
- 3D Modeling / 2D Drafting
- Technical & Construction Drawings
- Fabrication Drawings
- Isometric Drawings
- Blueprint Reading
- Bills of Materials
- Construction Documentation
- Utility Distribution Design
- Engineering Calculations
- Field Data Interpretation
- Constructability Coordination
- Manufacturing / Fabrication
- CNC Experience

Interested in an interview?

Reply to this message or contact me directly and I will release the full resume and coordinate a call at your convenience.

Michael Berzito

QLM Direct — Direct Hire Division

mberzito@myqlm.com

407-936-6039