

Paulo Valderama

Senior Estimator/ FBRD Designer



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CONTACT

PROFESSIONAL SUMMARY

Results-driven Civil Engineer and Quantity Surveyor with over 3 years of proven success in project estimation, site supervision, and timber structure design for residential and commercial builds. Expert in leveraging advanced software like Mitek Sapphire, Planswift, Bluebeam, DesignIT, and LayItOut to produce accurate structural models and cost-efficient material plans. Known for delivering high-quality results under tight deadlines, resolving complex engineering challenges on-site, and collaborating seamlessly with cross-functional teams. Currently focused on bringing technical precision and project leadership to large-scale construction initiatives.

TECHNICAL SKILLS

- Software: Mitek Sapphire, Planswift, Bluebeam, Mitek 2020, DesignIT, LayItOut
- Estimation & Planning: Quantity Takeoffs, Structural Load Calculations, Material Specification
- Engineering: Timber Housing Design, Floor Joist & Beam Analysis, Construction Drawing Interpretation
- Tools: AutoCAD (basic), MS Excel, Google Workspace
- Other: Document Verification, Employee Coordination
- Employee Handling

PROFESSIONAL EXPERIENCE

Quantity Surveyor / Senior Estimator / FBRD Design Engineer

Building Engineering & Design Co., Alabang, Muntinlupa

June 2023 – Feb 2026

- Engineered and priced over 80 timber-framed homes for the New Zealand residential market, ensuring 100% compliance with building standards.
- Reduced material waste by 15% through optimized layout planning using Mitek Sapphire and LayItOut.
- Delivered structural reports and takeoffs with 98% accuracy, contributing to faster project approvals.

Crew Readiness Representative

Royal Caribbean Group

June 2022 – June 2023

- Processed over 600 onboarding cases including passports, visas, and medical clearances with a 99% error-free record.
- Coordinated logistics for 400+ crew members across 3 international cruise routes, reducing delays by 20%.
- Ensured full HR compliance across all deployments, contributing to successful audits.

PROFESSIONAL EXPERIENCE

Japan Estimate Engineer

AquaFoam Associates, Makati

April 2022 – June 2022

- Generated insulation spray estimates for over 50 residential and light commercial units.
- Translated complex Japanese architectural plans into actionable engineering requirements with 95% interpretation accuracy.

Site Project Engineer

Top-Notch Construction, Imus, Cavite

June 2020 – August 2020

- Oversaw day-to-day operations on a PHP 12M residential project, ensuring on-time delivery and material cost savings of 10%.
- Resolved 10+ critical site issues by implementing data-driven engineering solutions.

Laboratory Assistant (Internship)

First Solid Builders Inc., Dasmariñas, Cavite

June 2019 – August 2019

- Conducted 25+ concrete strength and slump tests to ensure material compliance with project standards.
- Assisted in mix design adjustments that improved concrete performance by 12%.

EDUCATION

Bachelor of Science in Civil Engineering

Lyceum of the Philippines University, General Trias, Cavite

June 2014 – March 2020

High School Diploma

Saint Paul College San Rafael, Bulacan

June 2010 – March 2014

CERTIFICATIONS & TRAINING

- Civil Service Certificate – Government Passer (2022)
- Unconscious Bias Training – RCG
- Diversity and Inclusion – RCG
- Introduction to Compliance and Ethics – RCG
- XSTRUCTURES – BLUEBEAM AND PLANSWIFT TRAINING AND WORKSHOP(2025)

AWARDS & RESEARCH

- Champion – Multimedia Tournament (LPU-COECSA 2018)
- Research Paper – "Coconut Shell (CS): As Partial Replacement for Fine Aggregates in Sidewalk Pavement"

REFERENCES

- **Anjerick Topacio PHD** / Geotechnical Engineering Consultant / +886971664264 / anjerick.topacio@maaconsultants.com
- **Drexler Sibal PhD** / Coordinator, CE Program, COECSA / 09291222609 / drexler.sibal@lpu.edu.ph
- **Willam Manahan Jr.** / Team Leader / +63 995 032 3301 / manahan.wm.c@gmail.com