Joemar Francis Guirindola

Structural and BIM Drafter

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PROFILE

Structural technician and BIM drafter with 12+ years of CAD and BIM drafting across Thailand, Australia and the Philippines. Experienced in structural shop drawings, rebar detailing and bar bending schedules (BBS), civil drafting, and drawing QA/QC.

EXPERIENCE

Structural Technician
Apr 2026 - present

Unique Engineering and Construction PCL, Bangkok. MRT Purple Line, Contract 4 (Tao Pun - Rat Burana section): PP25 Wong Wian Yai Station and PP26 Somdech Phra Pinklao Hospital Station

- Prepare structural shop drawings from design drawings and specifications
- Produce rebar layouts and bar bending schedules
- Maintain controlled as-built drawings matched to verified site conditions
- Run drawing QA/QC and update drawings to project standards
- Manage revisions, transmittals and organised records
- Coordinate with engineers, contractors and site teams

BIM/CAD Supervisor
Feb 2024 - Mar 2026

Meinhardt Philippines Inc., Makati City

BIM Technician, Civil
Jan 2023 - Mar 2024

WSP Manila Inc., Pasig City

CAD Specialist and Operator
2014 - 2023

DCCD Engineering, SMEC, Angel Lazaro and Associates

SELECTED RESULTS

- Led BIM/CAD delivery on 12+ Australian civil projects
- Cut drawing revisions by about 30% after standardising QA/QC
- Coached 15+ junior technicians on Civil 3D and Revit
- Supported delivery of programs worth $50M+

SELECTED PROJECTS

Transit: MRT Purple Line Contract 4 (Tao Pun to Rat Burana); Waterloo Metro Station. **Australia:** Liverpool Boys and Girls High School; Northern Hospital ED and IPU Expansion; Melbourne Airport Terminal 2; Craigieburn Hospital; Northmead, Milton, Ulladulla and Vicentia school sites; Surf Coast Aquatic and Health Centre; Strata Office New Epping. **Bridges:** Bataan-Cavite Interlink Bridge; NLEX-SLEX Connector Road Phase II; Ayala Bridge Rehabilitation.

SKILLS

Software: AutoCAD, Civil 3D, Revit, BIM 360, ProjectWise, Bluebeam, Aconex, SketchUp, CorelDraw, Adobe Photoshop
Detailing: shop drawings, rebar detailing and BBS, concrete structures, retaining walls, bridge and temporary works, as-builts
Civil drafting: roads, drainage, earthworks, alignments, long sections, cross-sections, plan and profile sheets
Practice: Australian Standards compliance, drawing QA/QC, document control, clash detection, design reviews

EDUCATION AND CERTIFICATIONS

BS Transportation Management, Polytechnic University of the Philippines, Manila, 2006

Architectural Revit; AutoCAD; Civil 3D Advanced Training; BIM 360 Coordination and Documentation; Australian Standards (AS) Compliance

Languages: English (professional working proficiency); Tagalog (native)