

RUSTOM BALLA



MEP BIM COORDINATOR / DESIGN COORDINATOR

About Me

Mechanical Engineer with strong experience in BIM modeling, MEP coordination, and design development across commercial and residential projects. Specialized in Revit-based modeling, clash detection, and multidisciplinary coordination to ensure efficient and compliant project delivery.

Currently supporting EMCS Caribbean projects with BIM development, technical coordination, and production of construction-ready documentation.

PERSONAL INFORMATION

- Nationality: Filipino
- Languages: English, Filipino

KEY SKILLS

- BIM Modeling (Revit MEPFS)
- MEP Coordination & Clash Detection
- Technical Drawings & As-Built Documentation
- Navisworks & AutoCAD
- Project Coordination & RFIs
- QA/QC Compliance

PROFESSIONAL CREDENTIALS

- Registered Mechanical Engineer (October 2014)
- Member – Philippine Society of Mechanical Engineers (PSME), Taguig Chapter
- Former Member – PSME Bicol Chapter & Regional Council
- DOST Scholar (Science Education Institute)

EXPERIENCE

MEP REVIT MODELER / DESIGN COORDINATOR | January 2022 - Present EMCS CARIBBEAN LTD

- Report to EMCS Project MEP Director and MEP Manager.
- Develop, create, and update BIM models for MEPFS systems to ensure clash-free coordination.
- Assist in the preparation of construction drawings as required by Project Managers.
- Produce detailed working drawings and technical documentation.
- Coordinate and collaborate with project teams and stakeholders.
- Update and calibrate models based on project developments and site conditions.
- Prepare as-built deliverables using Revit and AutoCAD.
- Develop plans, sections, elevations, and detailed drawings.
- Perform self-checks to ensure compliance prior to submission.
- Deliver work within agreed deadlines and project standards.
- Support submittals and material take-offs as required

Projects:

Santigua • Project Moskito • Utopia – Music Cave • Trajan Blue II • Xanadu • The Hut • Utopia • Valley Heights • Necker Island • Wass Residence • Rock House • P8

EL-18 Crawford Residence • EL-2 Retreat & The Cave • Lot 37 Orlov Residence • Jolly Harbour Condo • OV1 Casino Royale • OV2 & OV3 Ocean Villas • Morgan Residence

La Casa • Jolly Harbour Marina • Copp Villa • Curtain Bluff • Kirill Orlov Residence • La Samanna • Lot 45 & 46 Nail Bay • Nanny Cay • Sage Mountain • Sugar Ridge Hotel • Sugar Ridge Phase 2 • Sea Grape • Urban Realm • Villa M

BIM MEP SUPERVISOR | November 2021 – May 2022

- Coordinates and reviews all RFIs with MEP Engineer of Record.
- Reviews all RFIs on Time and Cost Impact.
- Reviews all shop drawings/product data approved by A/E of record for final acceptance of PM/PIC.
- Perform final review prior to submittals of drawings, product data and RFIs to A/E of records and acceptance of PM/PIC.
- Validate the status and purpose stamped in the drawings.
- Promote and monitor adherence in team's productivity with the TSD ISO manual and other standards.
- Provide training and development programmer for associates.
- Monitor team's weekly accomplishments.
- Consolidate and check weekly team's submittal reports.
- Coordinate with OpCen TSD head on tactical and strategic directions with HQ.
- Reports to and coordinates with OpCen TSD head; if there is a MEPFS OpCen head, he/she reports here administratively and functional coordination is direct between MEPFS CG and MEPFS OpCen.
- Coordinates with OPCEN TSD Head on strategic directions with HQ.
- Perform tasks in accordance with the processes defined in the company's QEHSM Manual.
- Performs other related tasks that may be assigned from time to time.

RUSTOM BALLA



DESIGN COORDINATOR / REVITR MODELLER

EXPERIENCE

BIM MEP COORDINATOR 1 | September 2018 – October 2019

BIM MEP COORDINATOR 2 | October 2019 – November 2021

- Coordinate BIM workflows with designers, consultants, and subcontractors.
- Manage product data approvals, submittals, and document control processes.
- Provide updates to QA/QC, Cost, and Operations teams.
- Oversee drawing issuance, routing, tracking, and data distribution.
- Review WSD drawings for compliance, product data, and cost implications.
- Plan and assign schedules for CAD operations and project deliverables.
- Validate RFIs based on BIM models and site conditions.
- Lead clash detection analysis and reporting for BIM coordination sessions.
- Monitor and update submittal registers aligned with project schedules.
- Ensure shop drawings are coordinated across disciplines prior to approval.
- Coordinate with consultants (A/E) for RFI and submittal approvals.
- Prepare documentation for as-built models (LOD 500).
- Update BIM models based on design changes and site conditions.
- Support onboarding and training of BIM team members.
- Ensure compliance with company standards, ISO procedures, and QEHSMS requirements.

BIM MEP MODELER | February 2016 – September 2017

BIM MEP SPECIALIST | September 2017 – September 2018

MAKATI DEVELOPMENT CORPORATION

- Prepares the BIM model of MEP trade based on the FCD plans, lay-out of Residential plans of the Building, Amenity and Landscape Areas.
- Attends DCM (Design Coordination Meeting) every week set by our Coordinator to coordinate with the Operations Team and Consultants for project developments.
- Prepares RFI (Request for Information) for design conflicts, clashes and missing information's that need to be clarified/resolved. Team coordination about the project and BIM Models.
- Updates the BIM Model based on the answered queries in the RFI (Request for Information).
- Makes As-Built plan based on the Red lining of the Surveyor.
- Collaborate and coordinate with other discipline design changes and model changes.
- Calibrate model based on recent developments within the project, includes but not limited to design update and/or as per actual site condition.
- Perform other related tasks that may be assigned from time to time.

MAKATI DEVELOPMENT CORPORATION

CAD Operator (June 2015 – February 2016)

- Prepare technical drawings, plans, and as-built documentation.
- Support BIM model development (LOD 200–500) for MEP systems.
- Assist in the preparation of working drawings and project documentation.
- Ensure compliance with QA/QC standards and project requirements.
- Support MEP design coordination through technical documentation and references.
- Follow company standards and QEHSMS procedures.

Projects:

Three Parkade Project (June 2015 – February 2016)

West Gallery Place (February 2016 – May 2022)

Ayala Triangle Gardens Diamond (July 2017 – December 2017)

Atria Tower 5 (March 2019 – March 2020)

SELF EMPLOYED CAD Operator | June 2015 – February 2016

PACIFIC AIR CONDITIONING AND GENERAL SERVICES INCORPORATION | November 2014 - June 2015

MECHANICAL CONTRACTOR

Vista Land Camella Condo Homes Taft Project

- Project in-Charge