

# REGINA EKA SEPTIANADRAH

DRAFTER - CIVIL & STRUCTURE BUILDING



## CONTACT

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## EDUCATION

Bachelor of Structural  
Engineering  
Mercu Buana University  
2022

## TECHNICAL SKILLS

Revit  
AutoCAD  
Point Cloud Modeling  
Structural Drafting  
Naviswork  
IDEA StatiCa  
Enscape 3D View

## PERSONAL DETAILS

Age  
28 years old  
  
Nationality  
Indonesian  
  
Marital Status  
Single

## SUMMARY

I am Regina, a dedicated professional with over 9 years of experience in Structural and Facade design. My expertise includes proficiency in drafting and modeling using advanced software such as AutoCAD and Revit. I maintain a professional attitude and consistently deliver high-quality work, even under pressure. With a strong motivation for continuous skill development and professional growth, I excel in both team environments and individual projects. My commitment to physical and mental well-being enhances my capacity to contribute effectively to any undertaking.

## PROFESSIONAL EXPERIENCE

### BIM Modeler

PT. Meinhardt Indonesia, Jakarta | 2025 – present

- Hotel Mandarin – Bali
  - Produced comprehensive structural drawings and reinforcement details in alignment with architectural and engineering specifications.
  - Ensured precision in documentation to support high-end construction standards.
- BFB Fitness Hotel – Bali
  - Developed detailed structural layouts and sectional views, coordinating closely with structural engineers throughout design and construction phases.
  - Assisted in on-site revisions and drawing updates to reflect real-time changes and ensure structural integrity.
- AWS Data Center Project – Jakarta
  - Initiated structural drafting for foundational systems, focusing on load-bearing elements and spatial planning.
  - Contributed to early-stage documentation to support feasibility analysis and engineering review
- Hormel Pronas Nusantara – Jakarta
  - Prepared structural documentation for industrial facility expansion, emphasizing load distribution and equipment support zones.
  - Collaborated with engineering teams to ensure compliance with food-grade construction standards and operational workflows.
- JOTUN Indonesia – Jakarta
  - Generated structural drawings for manufacturing plant upgrades, integrating reinforcement details aligned with heavy machinery placement.
  - Supported coordination between architectural and engineering disciplines to maintain safety and efficiency in high-usage areas

## Structural Drafter

PT. Beca Indonesia, Jakarta | Jan 2021 – Feb 2025

- Pondok Indah Mall Renovation | October - December 2024
  - Led Revit-based structural modeling for bridge and escalator refurbishment, ensuring alignment with renovation specifications.
- Data Centre – JKT02 | August - October 2024
  - Delivered precise Revit structural models tailored to high-security data center requirements, facilitating engineering reviews.
- NCG Groningen EQ Assessments | July 2023 - June 2024
  - Integrated Revit modeling with point cloud data to enhance structural evaluation accuracy and reporting.
- Ashburton Intermediate | June - July 2023
  - Developed comprehensive Revit structural models for educational facility upgrades, optimizing spatial layouts.
- Elmore Vale | June 2023
  - Provided efficient Revit drafting and modeling solutions to support project timelines and design precision.
- Burwood | May 2023
  - Fused point cloud scans with Revit models to improve structural design accuracy and detailing.
- Devonport Naval Base Cranes Works | December 2022
  - Generated precise Revit structural plans and models for crane installations, ensuring safety and compliance.
- FFI Juno Chemical Tank Canopy | December 2022
  - Engineered detailed Revit models for complex industrial chemical tank canopy structures, addressing load requirements.
- Southland School Projects | August 2022 - April 2023
  - Managed drafting workflows for multiple educational infrastructure upgrades, maintaining consistency and quality.
- Countdown Blenheim Seismic Update | July - September 2022
  - Produced Revit-based structural updates to ensure seismic safety compliance, coordinating with engineering teams.
- Islington Reactor Foundation | May - July 2022
  - Developed structural foundation models for energy infrastructure projects, focusing on load analysis and standards.
- Huntingwood WTP Civil Works | April 2022
  - Contributed detailed Revit structural models to civil works design, enhancing coordination with multi-disciplinary teams.
- Boneo – Package 4 | February - April 2022
  - Prepared high-quality Revit drawings for infrastructure enhancements, ensuring accuracy and detail control.
- Puri Indah Mall (East Entrance) | February 2022
  - Produced work-in-progress structural drawings for east entrance redesign, facilitating stakeholder reviews.
- FFI Juno Pipe Rack and Platform | January - February 2022
  - Created precise Revit structural models for industrial pipe rack and platform frameworks, meeting design specifications.
- 500kV CT Structure EPCI | 2021
  - Drafted intricate CAD structural models for high-voltage 500kV CT installations, ensuring EPCI compliance.

- Digital Realty (Data Centre Solutions) | June - September 2021
  - Constructed robust Revit structural models for data center installations, supporting installation planning.
- Waiora WTP Building | May - June 2021
  - Integrated point cloud data into Revit models to inform structural design of wastewater treatment facilities.
- FFI Pasar Rebo & Juno EPCM | February - April 2021
  - Provided Revit modeling support for dairy product facility design under EPCM, ensuring structural accuracy.
- Pokenohe WWTP Upgrade | January - February 2021
  - Delivered detailed Revit structural drafts to optimize wastewater treatment plant upgrade design.

## **Drafter Facade**

PT. Sinar Surya Alumindo, Tangerang | Dec 2015 – Dec 2020

- PT. Adhi Persada Gedung | Platinum Hotel – Surabaya
  - Engineered aluminum composite panel systems and curtainwall assemblies for the hotel facade, optimizing structural performance and aesthetics.
- PT. Wika Gedung | Embarcadero Apartment – Bintaro
  - Designed aluminum frame doors, windows, and composite panel solutions, ensuring weatherproofing and compliance with architectural standards.
- PT. Adhi Persada Gedung | Transmart – Solo
  - Developed aluminum frame doors, windows, composite panels, and curtainwall layouts to enhance building envelope efficiency and visual coherence.
- PT. Jaya Konstruksi | DKI Jakarta School
  - Designed aluminum-framed doors and windows for educational facilities, focusing on security, durability, and energy performance.
- PT. Adhi Persada Gedung | Cinere Resort Apartment – Depok
  - Created aluminum frame door, window, and composite panel designs that aligned with resort aesthetics and performance requirements.
- PT. Adhi Persada Properti | Taman Melati Apartment – Jogjakarta
  - Drafted aluminum frame door and window specifications to streamline fabrication and installation processes.
- PT. Wijaya Karya Tbk | PLBN Aruk – Kalimantan Tengah
  - Engineered aluminum frame doors, windows, and composite panel systems for a border facility, meeting strict security and durability standards.
- PT. Adhi Karya Tbk | Grand Dhika Apartment – Jatiwarna, Bekasi
  - Designed aluminum frame doors, windows, and composite panel assemblies, ensuring residential-quality finishes and compliance.
- PT. Adhi Karya Tbk | Akasa Apartment – Serpong
  - Developed aluminum frame doors, windows, and curtainwall configurations to achieve a contemporary facade aesthetic.
- PT. Adhi Karya Tbk | Hasanuddin University – Makassar
  - Designed aluminum-framed doors and windows for university buildings, balancing functional requirements with campus design guidelines.
- PT. PP Property Tbk | Grand Kamala Lagoon Apartment – Bekasi
  - Produced aluminum composite panel designs for the apartment exterior, optimizing durability and finish quality.