

KEITH DARREN E. BAGUI

CIVIL ENGINEER

0907-306-8875 | kdebagui@gmail.com | Sariaya, Quezon

ABOUT ME

I am a licensed Civil Engineer with a strong commitment to delivering quality work and continuously improving in my field. With a diverse range of experience and a goal-oriented mindset, I am seeking a position where I can contribute meaningfully while further developing my skills and knowledge in a dynamic and collaborative environment.

PROFESSIONAL EXPERIENCES

JC PIÑON CONSTRUCTION INC. | QAQC ENGINEER / COST ENGINEER **March 2024 - Present**

- Prepare construction budgets, schedules, and manpower/equipment loading plans.
- Assist in the preparation of variation orders and cost analysis.
- Develop and implement Project Quality Plans, including QA/QC Inspection and Test Plans.
- Monitor project systems and processes, analyzing and proposing improvements for efficiency and effectiveness.
- Ensure all materials and activities on site comply with approved methodology, specifications, and construction plans.

AE CENTENO CONSTRUCTION | QAQC ENGINEER **May 2022 - March 2024**

- Conduct daily inspections and material testing to ensure compliance with project drawings and specifications.
- Prepare and implement Method Statements; monitor activities to ensure adherence.
- Oversee QA/QC documentation, including certificates, calibration records, test results, IRs, NCRs, and PIRs.
- Ensure quality and workmanship across Civil and Structural works.
- Verify material deliveries for compliance with project specifications.
- Review all Requests for Approval (RFAs), including shop drawings and material specifications, to ensure compliance with project specifications and approved plans prior to submission to the Project Management Team.
- Prepare concrete pouring sequences and assist in preparing cutting lists for reinforcement.
- Coordinate inspections with the Project Management Representative.

TOP HOMES FINISHING HOMES | PROJECT SITE ENGINEER **July 2021 - April 2022**

- Supervise and ensure proper execution of works in compliance with approved plans and specifications.
- Monitor overall project progress, including subcontractor activities, work schedules, and material deliveries.
- Prepare accomplishment reports, evaluate progress billings, and assist in cost estimation for subcontracted and third-party works.
- Oversee land development activities such as clearing, grading, pavement works, sidewalk construction, and installation of RCP and waterline pipes.

Grandsky Building Construction | Jr. Civil Engineer **March 2020 - July 2021**

- Quantified materials, managed document control, and prepared daily accomplishment reports and shop drawings.
- Supervised work execution to ensure compliance with approved plans and specifications.
- Monitored work progress, schedules, subcontractor performance, and material deliveries.
- Evaluated and verified subcontractor progress billings.

FREELANCING EXPERIENCES

PROJECT HANDLED AS COST ESTIMATOR

- 6 - Storey Hospital Building With Basement and Helipad
- 4 - Storey Commercial Building Extension
- 3 - Storey Residential Building

TECHNICAL SKILLS

- Proficient in AutoCAD and Microsoft Office applications
- Skilled in quantity take-off using PlanSwift and Bluebeam Revu
- Knowledgeable in structural analysis using STAAD Pro
- Experienced in 3D modeling and rendering with SketchUp, Enscape, and Lumion
- Capable of preparing project schedules using Microsoft Excel and Primavera P6

TRAINING AND CERTIFICATION

- REGISTERED CIVIL ENGINEER; Registration No.: 0175662
- Project Planning, Scheduling, and Control using PRIMAVERA P6 PROFESSIONAL - Xstructures
- Structural Analysis And Design Of Low-Rise Reinforced Concrete Building Using Bentley Staad.Pro And RCDC - Xstructures

I hereby declare that the details and information given above are complete and true to the best of my knowledge

ENGR. KEITH DARREN E. BAGUI
APPLICANT



CERTIFICATE OF COMPLETION

This certificate is hereby awarded to

ENGR. KEITH DARREN E. BAGUI

PRC NO. 0175662

for having successfully attended and completed as

PARTICIPANT

the 16-hour training and workshop,
with hands-on software application, entitled

PROJECT PLANNING, SCHEDULING, AND CONTROL USING **PRIMAVERA P6 PROFESSIONAL**

Held at AIC Burgundy Empire Tower, Ortigas Center, Pasig City, Philippines
on May 3-4, 2025.

Given this 4th day of May 2025.

ENGR. JOHN RENE P. DELA ROSA

Director / Training Manager

CERTIFICATE NO: 2025-P6-C8-003

+63 2 8 714 7449
+63 968 891 3149

trainings@xstructures.net
info@xstructures.net

www.xstructures.net
@xstructures

Unit 1102 AIC Burgundy Empire Tower, ADB Ave. cor. Gornet Rd., Ortigas Center, Pasig City
Unit 305 3rd Floor PDI Condominium, Gov. M. Cuenco Ave. Banilad, Cebu City
Unit 7 Honda Motor Joy Motortrade, F.T Bldg., Quimpo Blvd., Ecoland, Davao City





Address: Unit 1102 11th Flr, AIC Burgundy Empire Tower, ADB Ave. cor. Garnet Road, Ortigas Center, Pasig City, 1605 Metro Manila, Philippines
Contact Nos: (02) 8714-7449 / 0998 408 2056 Email: xstructures-training@hotmail.com / xstructures-tech@hotmail.com Facebook: @xstructures



This

TRAINING CERTIFICATE

is hereby presented to

ENGR. KEITH DARREN E. BAGUI

PRC NO. 0175662

for having successfully attended and completed the 16-hour live online training and workshop, with hands-on software application, entitled

**STRUCTURAL ANALYSIS AND DESIGN OF LOW-RISE REINFORCED CONCRETE STRUCTURE (3 STOREY BUILDING)
USING BENTLEY STAAD.PRO AND STAAD ADVANCED CONCRETE DESIGN (SACD RCDC)**
IN ACCORDANCE TO THE NATIONAL STRUCTURAL CODE OF THE PHILIPPINES (NSCP 2015)

Conducted this 25th to 28th day of July 2022.

ENGR. JOHN PAUL P. DELA ROSA
Director / Training Manager



Certificate No:
2022-LR-W22-010

COURSE OUTLINE

PART 1 - BENTLEY STAAD.PRO SETTINGS AND INTRODUCTION

PART 2 - PROJECT OVERVIEW

PART 3 - BUILDING LOADS

- 3.1 DEAD LOADS
- 3.2 LIVE LOADS
- 3.3 WIND LOADS
- 3.4 SEISMIC LOADS
- 3.5 COMPARING WIND SHEAR FORCES TO SEISMIC SHEAR FORCES
- 3.6 PRIMARY LOAD CASE AND LOAD COMBINATIONS
- 3.7 LOAD ENVELOPES

PART 4 - ROOF FRAMING ANALYSIS AND DESIGN USING STAAD.PRO (NSCP 2015 LRFD METHOD)

- 4.1 PURLIN DESIGN
- 4.2 TRUSS DESIGN

PART 5 - MODELING, LOADING AND ANALYSIS OF CONCRETE BUILDING STRUCTURE USING STAAD.PRO

- 5.1 CREATING THE 3D MODEL
- 5.2 MODEL MANAGEMENT
- 5.3 FLOOR DIAPHRAGMS
- 5.4 LOAD APPLICATIONS
- 5.5 PRELIMINARY ANALYSIS
- 5.6 COMPARING WIND SHEAR TO SEISMIC SHEAR
- 5.7 CREATING LOAD COMBINATIONS
- 5.8 CREATING LOAD ENVELOPES
- 5.9 CHECKING DRIFT FOR SESIMIC LOAD
- 5.10 CHECKING DRIFT FOR WIND LOAD
- 5.11 RUNNING THE FINAL ANALYSIS

PART 6 - REINFORCED CONCRETE USING STAAD ADVANCED CONCRETE DESIGN (SACD RCDC)

- 6.1 BEAM DESIGN
- 6.2 COLUMN DESIGN
- 6.3 SLAB DESIGN
- 6.4 SLAB-ON-GROUND DESIGN
- 6.5 STAIR DESIGN
- 6.6 FOUNDATION DESIGN (SPREAD FOOTING)
- 6.7 GENERAL ARRANGEMENT DRAWINGS PREPARATION
- 6.8 CONCRETE TABLES AND SCHEDULES PREPARATION
- 6.9 BAR BENDING SCHEDULE PREPARATION



*Sa kapangyarihan ng Pabahalaan at sa tagubilin ng mga Guro,
iginagawad ang titulong*

By authority of the Board of Trustees and upon the recommendation of the Faculty hereby confers the degree/title of

Bachelor of Science in Civil Engineering

na itinakda ng Komisyon ng Lalong Mataas na Edukasyon kay

as prescribed by the Commission on Higher Education upon

Keith Darren E. Bagui

*kalakip ang labat ng mga karapatan, mga pribilehiyo,
at karangalan doo'y nauukol.*

with all rights, privileges, and honors thereof.

*Iginawad sa Lungsod ng Dagupan, Pangasinan, Pilipinas,
ngayong ika- 30 ng Marto, 2019*

Given at the City of Dagupan, Pangasinan, Philippines, this 30th day of March, 2019.

John T. Zamora
DEKANO
Dean



Meliton B. Salazar Jr., Ph.D.
PANGULO
President