



Dindo L. Sacay

Licensed Civil Engineer

SUMMARY:

More than 20 years of working experience in different fields of civil engineering industry through design, construction, planning, estimating and management of projects. Have background knowledge in process piping, mechanical equipment as well as in architectural discipline.

WORK EXPERIENCE:

Contact:

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Philippines 6541
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Education:

Bachelor of Science in Civil
Engineering
University of San Jose-Recoletos
1995-1999

Professional Skills:

Construction Management – High
Project Management – Medium
Structural Analysis – High
Technical Skills – High
Problem Solving – High

Software Skills:

StaadPro v8i – High
SACS Offshore – Medium
SAP2000 – High
Autocad – High
Ansys – Basic
Microstation – Medium
PDMS - Medium

Programming Skills:

Visual Basic – Medium

Language Skills:

English – Proficient
Tagalog - Proficient

Hobbies and Sports:

Farming and Planting Trees
Swimming
Bowling
Walking
Motorcycling

Proprietor/Principal Engineer ***DL Sacay Engineering Services*** ***October 2019 - Present***

- Managed and interfaced with clients and vendor for the projects scope of work, materials and budget
- Directed construction team for procurement of materials and construction of telecom tower greenfield projects
- Controlled manpower and material disposal to meet projects cash flow and ensure timely completion and within budget
- Provide technical know-how at project site to prevent construction bottlenecks and helped solved construction complex problems
- Act as Principal Engineer for company's other business services and provide structural design and analysis for local residential, commercial and warehouse buildings using StaadPro software

Engineer III, GSD, Administration (Office of VP & Office of President) ***Visayas State University, Baybay City, Philippines*** ***August 2018 – June 2019***

- Perform project management of VSU infrastructure projects
- Act as project in charge of VSU Gym expansion
- Prepare scope of work and project proposal for new and repair projects
- Verify structure integrity of more than 3 storey high buildings by dynamic analysis
- Prepare conceptual designs, run structural analysis using Staadpro v8i and SAP2000, and prepare cost estimates
- Site visit and inspection, make assessment and recommendations
- Prepares reports
- Member of the BAC Technical Working Group

Instructor

August 2017 – August 2018

- Handles Steel Design, Construction Methods and Project Management, Transportation Engineering, Construction Cost Engineering, CE Laws, Ethics, Contracts and Specifications, Safety Management and Engineering Management subjects at Visayas State University

Freelance Engineer

April 2015 – August 2017

- Structural calculation, analysis and reports for a commercial and residential building as well as value engineering

Manager-Engineering Design Department ***METAPHIL-ACGI, Mandaue City, Philippines*** ***Oct. 2014 – Feb 2015***

- Prepare budget proposal, work schedule, manhour estimate and drawing list for design works of Cebu Power Private Corporation 20MW Power Expansion in Cebu
- Prepare Conceptual designs using Autocad and SAP2000
- Facilitate issuance of drawings for estimating department
- Act as Owner's Project Engineer for Gothong Southern Repair of 150ton shore crane

Structural Designer (Brunel International Pte Ltd)
SOFEC Singapore (4 months in SOFEC Houston)

Jan. 2013 – Jan. 2014

- FEED of INPEX Masela External turret, plate and stiffeners design of chaintable structure and turret shaft structure based on preliminary sketch
- Pre-FEED of Leviathan Internal turret, design the Swivel Access Structure using SACS and PDMS
- Concept Study of COP Browse Basin LNG Integration Plans through PDMS (Lower Turret, Moonpool, Swivel access structure, Gantry and Floating crane), design of Hawser Pipe temporary platform and SAS monorail frame
- Created a Visual Basic program for steel section properties

Sr. Structural Engineer (Drilling Project Services Sdn Bhd)
ENSCO Brazil

Nov. 2011 – Apr. 2012

- Structural calculation and report, design and detail of Ensco DS-4 drillship flare boom modification of pedestal interface structural flange and bolt, platform interface using hand calculation and spreadsheet
- Liaise with ABS Class society for approval of calculation and design, report to Project Manager
- Verify weights of each structures and prepare design specifications and construction specifications, bill of materials and help check purchase order specifications
- Calculate additional weight and verify center of gravity of boom and pedestal for lifting and load-out purposes
- Check and inspect fabrication and construction of structural workscopes on site and prepares reports

Senior Structural Designer (Team Leader-Wall Shop Drawing)
SMOE Pte. Ltd. (Sembawang Marine Offshore Engineering)

April. 2011 – Nov. 2011

- Prepare shop drawing schedule, list of all steel wall panels its corresponding design drawing through PDMS and Navisworks
- Coordinate with construction team and design team for streamlining project activities
- Check and review steel wall shop drawings including bridges of ConocoPhillips Ekofisk Lima Platform and accommodation including wall details based on Norsok Standard
- Ensure timely issuance and quality of drawings, mentor junior designers and set up new standard to accelerate issuing of drawings

PNOC-EDC, LGPF, Philippines
Civil/Structural Engineer (EPC Department)

May 2009 – July 2009

- Supervised and inspect if structures (pedestal, footing, columns, pipe racks and supports, etc.) are constructed based on design requirements and construction standard

Landev Engineers Az-Leyte, Philippines

Team Lead, Civil

June 2005 – Sept. 2007

- Ensure quality and on-time delivery through review and checking of design and drawing done by designer and drafter before submission

Shipyards Abroad

Design Engineer/Structural Designer

Dec. 2009 – March 2011

- Prepare detail drawings from vendors drawing, specifications, calculations and sketches

SEMINARS AND TRAININGS:

SLOPE STABILITY OF EMBANKMENTS AND DAMS

Florante D. Poso, Jr., MCE, PhD

Ritz Hotel, Tacloban City (April 27, 2019)

FUNDAMENTALS OF MANAGING A PROJECT AND PLANNING QUALITY

3WEB Project Training Institute

14 Weeks Online Training (Oct. 2018 – Dec. 2018)

FOUNDATION ENGINEERING

RBRA Structural Engineering

Cebu Grand Hotel, Cebu City (July 14-15, 2018)

STRUCTURAL DYNAMIC ANALYSIS OF BUILDINGS

Structural Engineers Association of Davao, Inc. (SEAD)

Davao Convention and Trade Center (Oct. 18-19, 2017)

SEMINAR ON NSCP C101-10 AND ASCE41-13

Association of Structural Engineers Phil (ASEP)

Sarrosa International Hotel, Cebu City (March 03-04, 2017)