

JO-ANN E. PILARIZA



✉ joann.pilariza@yahoo.com
joepilariza@gmail.com

☎ 00971565408998

📍 Discovery Garden, Dubai,
UAE

KEY SKILLS

- Civil 3D
- AutoCAD 2D/3D
- EPANET
- Storm & Sanitary Analysis
- HEC-RAS

WORK INTERESTS

- Road & Highway Design
- Water Design
- Drainage Design
- Sewer Design
- Irrigation Design
- Mass & Fine Grading Design

EDUCATION & TRAINING

2005 – 2010

- BS Civil Engineering, Saint Paul University Philippines

2005 – 2010

- BS Sanitary Engineering, Saint Paul University Philippines

PERSONAL SUMMARY

I am a licensed Civil Engineer and Sanitary Engineer with more than 7 years of professional experience in the field of design and construction, specialized in civil infrastructure projects. I successfully completed multiple site and land development projects in Dubai and US, particularly in Hawaii.

PROFESSIONAL EXPERIENCE

CIVIL – INFRASTRUCTURE ENGINEER

ESEC INTERNATIONAL CONTRACTING (January 2014 – June 2018)

In-charge in a land development project consists of 1,500 semi-detached villas and approximately 33km road with a total area of 4 hectares.

Key Responsibilities

- Prepare and draft shop drawings and as-built drawing for land development and vertical projects.
- Monitor and keep on track of the work progress throughout the construction period, perform random visits and coordinate with consultant and subcontractors.
- Check the works and shop drawings of subcontractors for consultant's approval.
- Calculate and design the mass and fine grading levels and earthwork quantities.

Achievements

- Reviewed IFC drawings and prepared necessary RFI (Review for Information) to minimize and sort out the possible problems before the start of the construction.
- Prepared earthwork (cut and fill) quantities and mass grading plan based on the existing earth condition.
- Prepared detailed calculation of sewer and drainage submitted in Dubai Municipality (DM) and water in Dubai Electricity and Water Authority (DEWA) for approvals.
- Prepared engineering related calculations and develop drawings and visual aids.
- Monitored work progress, scrutinized subcontractor shop drawing plans and liaised with consultants, engineers and labourers.

JO-ANN E. PILARIZA

✉ joann.pilariza@yahoo.com
joepilariza@gmail.com

☎ 00971565408998

📍 Discovery Garden, Dubai,
UAE

CERTIFICATES

- Professional Regulatory Commission Certificate for Civil Engineers
- Professional Regulatory Commission Certificate for Sanitary Engineers
- Department of Public Works and Highways (DPWH) On-Job-training Certificate

MEMBERSHIPS

- PRC Board of Civil Engineers
- PRC Board of Sanitary Engineers
- Philippine Institute of Civil Engineers (PICE)
- Philippine Society of Sanitary Engineers (PSSE)

- Prepared engineering solutions and actions in solving the site problems, especially in infrastructure related works.
- Conducted occasional site reconnaissance to examine field conditions.
- Personally took charge in re-designing the sidewalk levels and gate levels during the construction of the project (Phase-2).
- Prepared road, utility and landscape shop drawings and as-built drawings.
- Supervised the works of architects, co-engineers & AutoCAD operators.
- Attended meetings with sub-contractors and consultants.
- Assisted in the procurement department in reviewing material specification and subcontractor qualification, and performed quantity take-offs and comparative cost-analysis of BOQs in the Estimating Department.

CIVIL DESIGN ENGINEER II

LYON ASSOCIATES INC. (February 2011 – October 2013)

Completed a variety of assignments where I personally involved in the planning and production of drawings, reports and design calculations of site and land development projects, roads, sewer, water, and drainage system in the Pacific Island.

Key Responsibilities

- Assess the sustainability and environmental impact of every project including the research analysis of stormwater management and the National Pollutant Discharge Elimination System (NPDES).
- Implement engineering principle in hydraulic design and calculation of water, sewer and drainage.
- Design and model road and site development projects with the aid of software and guidelines of American Association of State and Highway Transportation Officials (AASHTO) manual.
- Prepare specification, bill of quantities and life cycle analysis.
- Prepare and draft construction drawings of multiple projects.

JO-ANN E. PILARIZA

✉ joann.pilariza@yahoo.com
joepilariza@gmail.com

☎ 00971565408998

📍 Discovery Garden, Dubai,
UAE

TECHNICAL SKILLS & TRAITS

- Possesses a great experience in a large-scale design project with flexible and dynamic visualization skills in identifying and resolving complex problems in the project
- Experienced in applying the principle of civil engineering in planning and design
- Extensive background in the preparation of construction plans and designing land development projects
- Good leadership and ability to work well with others as a team
- Good communication, both in written and oral
- Build strong relationship towards co-workers and easily adapt new environment

Achievements

- Communicated with clients, contractors, approving agencies and co-engineers for purposes of obtaining design information, presenting design alternatives, expediting approvals and total understanding of the projects.
- Prepared preliminary and detailed design of site grading (both fine and mass grading), roads, stormwater management analysis, water, wastewater and other infrastructure design calculation.
- Calculated earthwork quantities (cut & fill).
- Assessed, calculated and analysed demands of wet services (sewer, water, drainage, firefighting and irrigation).
- Prepared project reports such as drainage report, National Pollutant Discharge Elimination System (NPDES), Basis of Design (BOD), hydraulic models, specifications, permitting packages, and documents for inclusion in the final project deliverables as necessary for the bidding and construction of designed works.
- Prepared various site and land development plans with fully maintained filing and developed standard drawings such as road layout and profile, Erosion control plan, Utility plan and profile, details and traffic control plans.
- Developed flood mitigation analysis and drawings.
- Performed life cycle analysis and calculation of pumps.
- Prepared presentation of projects and attended meetings.
- Provided lectures related to design and engineering software to fresh graduate engineers.

REFERENCES

- Karnik Tombazian Engineering Manager
(+971) 505036703
k.tombazian@el-seif.com.sa
- Luisito Senson Senior Deputy Manager
(+63) 90661567
luisito.senson@lyon.us.com

JO-ANN E. PILARIZA

✉ joann.pilariza@yahoo.com
joepilariza@gmail.com

☎ 00971565408998

📍 Discovery Garden, Dubai,
UAE

PROJECT LISTS

ESEC INTERNATIONAL CONTRACTING (DUBAI)

- Mohammed Bin Rashid Al Maktoum City District 11 – Dubai, UAE
- Meydan Residence 2 – Dubai, UAE

LYON ASSOCIATES INC. (MANILA, PHILIPPINES)

- Mass Grading Plan and Sewer Connections for Akamai Gardens Homes – Akamai Place, Oahu, Hawaii
- Mass Grading of Ocean View Terrace Valley of Temples – Kaneohe, Oahu, Hawaii
- Nipo Street Housing – Manoa, Oahu, Hawaii
- Construction of Bus Stop Accessibility Improvements Phase VI (47 Sites) - Honolulu, Oahu, Hawaii
- Awakea at Mehana Parcel 4 – Kapolei, Oahu, Hawaii
- Kaluanui Stream Flood Mitigation – Kaluanui, Oahu, Hawaii
- Sewer line Project Kolonia Phase 2 – Federated states of Micronesia Kolonia, Pohnpei State
- Rural Utilities Service Waterline extension project kinakapw to lehn diadi waterline phase 3, – Federated states of Micronesia Kolonia, Pohnpei State
- Sekere to nahnpei memorial school waterline project Phase 1 – Federated states of Micronesia Kitti, Pohnpei State
- Sewer line Project kolonia Phase 1 – Federated states of Micronesia Kolonia, Pohnpei State
- Univesity Avenue: 12-inch main – Honolulu, Oahu, Hawaii
- Naval Facility (NAVFAC) Hawaii Hickam AFB Irrigation Metering – Hickam AFB, Hawai'i
- Construction of Pedestrian Transit Connection – Phase 1 – Kamehameha Highway & Huipu Drive, Oahu Hawaii
- Hazen Holualua Inn Pud, Roadway & Utility Improvements – North Kona, Hawaii
- Construction Plans of Nipo Street Houses – Manao, Oahu, Hawaii
- Waikoloa Kamakoa Wastewater Treatment Plant – Waikoloa, Hawaii
- HSWAC Central Plant – Honolulu, Oahu, Hawaii
- Helemano Military Reserve – 2688 Kilihua st. Bay C Honolulu, HI 96819