

ALFONSO AYALA GARCIA

EDUCATION

B.S. – Civil Engineering, University of Michigan, 2021
B.S. – Environmental Engineering, University of Michigan, 2021
Sustainable Engineering certificate – University of Michigan

PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS

Engineer-in-Training – Georgia

EMPLOYMENT HISTORY

2022 to present – Sevee & Maher Engineers, Inc., Cumberland, Maine, Civil/Environmental Engineer
2021 to 2022 – Pond & Company, Peachtree Corners, Georgia, Civil Engineer I

AFFILIATIONS

American Society of Civil Engineers – University of Michigan Chapter, Vice President, 2018 to 2021

PROFESSIONAL EXPERIENCE

Mr. Garcia is a civil and environmental engineer with experience supporting a range of site development projects, from early-stage planning through construction. He has expertise in performing due diligence investigations prior to project commencement to ensure all local and state codes are followed during the design process. He also is experienced in creating grading plans to develop accurate earthwork analysis and to aid in the design of water, sanitary sewer, and stormwater networks. Mr. Garcia is knowledgeable in modeling and sizing stormwater pipes and in creating erosion and sedimentation control plans to mitigate the effects of land disturbing activities during construction.

His project experience includes the following assignments:

- Conducting due diligence studies for projects to ensure compliance with all local and state codes and regulations
- Creating grading plans to develop accurate earthwork analysis and to assist in designing sanitary sewer and stormwater networks
- Designing pipe networks and profiles for water, sanitary sewer, and stormwater systems for site developments
- Developing erosion and sedimentation control plans to mitigate the effects of land disturbing activities
- Assisting senior civil engineers on a number of natural gas distribution projects by creating survey files of existing utilities in the project area using AutoCAD Civil 3D
- Producing design drafts according to project specifications and requirements, and
- Completing a design for a natural gas main replacement project.