

Jim Teed, PE

55 Mansion Street #535, Poughkeepsie, NY 12601 | (845) 418-5461 | jim@teedengineering.com

CERTIFICATIONS

Professional Engineer (P.E.) –State of New York Licensed Professional Engineer – License #: 094633

EXPERIENCE

• **President** | Teed Engineering, PLLC 11/2020 – Present

Owner and operator of company performing Civil & Environmental Engineering services throughout the Mid-Hudson Valley.

Civil & Sanitary Engineering | Residential & Commercial Site Planning | Stormwater Management & Hydrology Design | Backflow Prevention Design & Permitting | Commercial Swimming Pool Design | Septic System Design & Permitting | Erosion & Sediment Control Plans | Construction Site Inspections & Earthwork Calculations

• **Senior Public Health Engineer** | Dutchess County Department of Behavioral & Community Health 12/2017 – Present

Review and approve plans and specifications for water treatment and sewage disposal systems, solid waste facilities, realty subdivisions, water and sewer distribution systems, backflow prevention devices, changes of use, new drinking water sources, swimming pools and bathing beaches. | Provide oversight for community public water supplies by monitoring drinking water quality and code compliance | Monitor compliance with SPDES permit requirements. | Determine environmental significance of project proposals under State Environmental Quality Review Act (SEQRA) | Provide technical assistance to other engineering staff members and Sanitarian Section | Provide advice and assistance on public health engineering matters to consulting engineers, local officials and the public. | Lead and participate in field investigations, tests and inspections for water and sewer systems.

• **Project Engineer** | Cronin Engineering, P.E., P.C. 03/2017 – 11/2017

Perform civil engineering tasks associated with all aspects of residential and commercial site development. Interface directly with clients and government agencies to assure clients a solid engineering design delivered in a time and cost effective manner.

Civil & Sanitary Engineering | Residential & Commercial Site Planning | Stormwater Management & Hydrology Design | Subsurface Utility Design | Commercial Swimming Pool Design | Septic System Design & Permitting | Erosion & Sediment Control Plans | Construction Site Inspections & Earthwork Calculations | Construction Cost Estimating | Proposal Preparation.

• **Civil Engineer** | Sustainability Engineering Group, LLC | Scottsdale, AZ 05/2016 – 01/2017

Perform civil engineering tasks including utility layouts and complete drainage and grading design for large commercial developments. Provide due diligence research and preparation of entitlement documents to expedite the development process and meet client's needs. Prepare water, sewer and drainage reports and perform calculations to meet municipal and county standards.

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• **Engineer IV** | STV Incorporated | New York, NY

03/2015 – 04/2016

Perform resiliency engineering, stormwater management and hydrology design for flood and surcharge protection of multiple NYCT rail yards including the largest rapid transit railcar storage, repair and servicing yard in the world. Prepare and review specifications for construction. Prepare and conduct large scale PowerPoint presentations of designs and ideas to clients and government agencies using engineering concepts, mathematical calculations, and graphic drawings to explain designs. Assist junior level engineers with technical questions. Respond to requests for proposal and task orders through technical writing, cost analysis and innovative graphics. Act as discipline lead to coordinate technical reports and plan sets with other disciplines.

Civil Engineering | Stormwater Management & Hydrology | Flood Resiliency | Feasibility Studies | Master Planning | Alternative Analysis | Budgeting | Proposals | Technical Writing | Graphic Conception & Production | Specifications

• **Project Design Engineer** | Cronin Engineering, P.E., P.C. | Cortlandt Manor, NY

09/2006 – 03/2015

Successfully performed civil engineering tasks for over 8 years using a strong grasp of the steps necessary to take projects from the start, at initial conception, through final design, approval and construction. Proven experience in negotiating with government officials on municipal, county and state levels to ensure design approvals. Obtained permits and approvals from various regulatory agencies through solid engineering design, illustrative drafting, precise technical report preparation, site inspections and excellent verbal communication. Exceptional with time management and multi-tasking in order to simultaneously complete multiple projects on time and within budget while maintaining client's needs and complying with applicable regulations and codes.

Civil & Sanitary Engineering | Residential & Commercial Site Planning | Stormwater Management & Hydrology Design | Backflow Prevention Design & Permitting | Sewage Treatment Design & Permitting | Roadway Design | Subsurface Utility Design | Commercial Swimming Pool Design | Small Bridge Design | Residential Foundation Design | Residential Deck Design | SWPPP Preparation | Septic System Design & Permitting | Erosion & Sediment Control Plans | Environmental Impact Statement Preparation | Construction Site Inspections & Earthwork Calculations | Construction Cost Estimating | Critical Thinking | Strong Understanding of Topography & Grading | Strong in Creating Illustrative Plan Sets

• **Assistant Engineer & Surveyor (Internship)** | Berger Engineering | Poughkeepsie, NY

Summers/Winters 04'-06'

Field located and collected engineering data using both GPS & robotic surveying methods. Created engineering designs and performed calculations to meet client's needs and comply with applicable regulations and codes.

Field Surveying | Technical Drafting | Site Inspection and Soil Testing | Engineering Computations

SPECIALIZED SKILLS & ABILITIES

Autodesk® Civil 3D 2016 | Autodesk® Land Desktop 2007 | Microstation® V8i w/ some InRoads® | HydroCAD | GIS | ArcMAP 10.2 | SDWIS | AutoCAD 3D Modeling and Rendering for Presentations | Microsoft® Office | Adobe® Acrobat | Adobe® Photoshop | Website Design | Land Development Potential Analysis | Municipal & Government Approval Processes | Permitting | Innovative and Creative | Self Starter

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EDUCATION

Cornell University, College of Civil & Environmental Engineering Ithaca, NY
Bachelor of Science in Civil Engineering with an Environmental Concentration 2006

HONORS, AWARDS & CLUBS

Former ACE Mentor helping to inspire high school students to pursue careers in architecture, construction and engineering
| Kappa Sigma Fraternity | Support-A-Walk for Breast & Ovarian Cancer | Relay for Life | Habitat for Humanity | Won 1st
Place in competition by leading a team to design and construct a trebuchet capable of throwing a 20 lb. pumpkin 700 ft