

# URDA

## ENGINEERING, PLLC

### **DAM ENGINEERING**

Design and Permitting • Safety Inspections • Engineering Assessments  
Inundation Mapping • Emergency Management Plans

### **STORMWATER MANAGEMENT**

Hydrology/Hydraulic Evaluations • SWPPPs • SPDES Permitting and Inspections  
MS4 Compliance • Soil Erosion & Sediment Control

### **COMMERCIAL SITE DESIGN**

Site Planning and Design • Site Plan Permit Coordination • HEC-RAS Floodplain Analysis  
(Casinos, Hotels, Student Housing, Carwashes, Drive-Thru Establishments, Fill Sites ....)

### **RESIDENTIAL SUBDIVISION DESIGN**

Land Planning • Subdivision Layout • Roadway Design • SEQR Completion  
Regulatory Permitting and Plan Approvals • Utility and Grading Design

### **WASTEWATER TREATMENT SYSTEMS**

Residential and Commercial Wastewater (Septic) System  
Evaluation, Design, and Inspection

### **MUNICIPAL ENGINEERING**

Annual Engineering Service Contracts • Water/Wastewater/Stormwater System Design  
Well/Pump House Design • Water System Modeling • Planning Application Reviews

### **SOLID WASTE FACILITY ENGINEERING**

Land Use Planning & Site Design for Recycling, Composting, & Transfer Station Facilities  
Engineering Reports • Municipal and NYSDEC Applications & Permitting

### **MINING/QUARRY ENGINEERING**

Land Use Planning & Site Design • NYSDEC Permitting • Engineering Reports  
Mining and Reclamation Plans • SEQR Documentation

**Quality Engineering by Quality People**

URDA Engineering, PLLC, PO Box 142, 102 Main Street, Windsor, NY 13865  
607.760.6545 • alex@urdaengineering.com  
www.urdaengineering.com

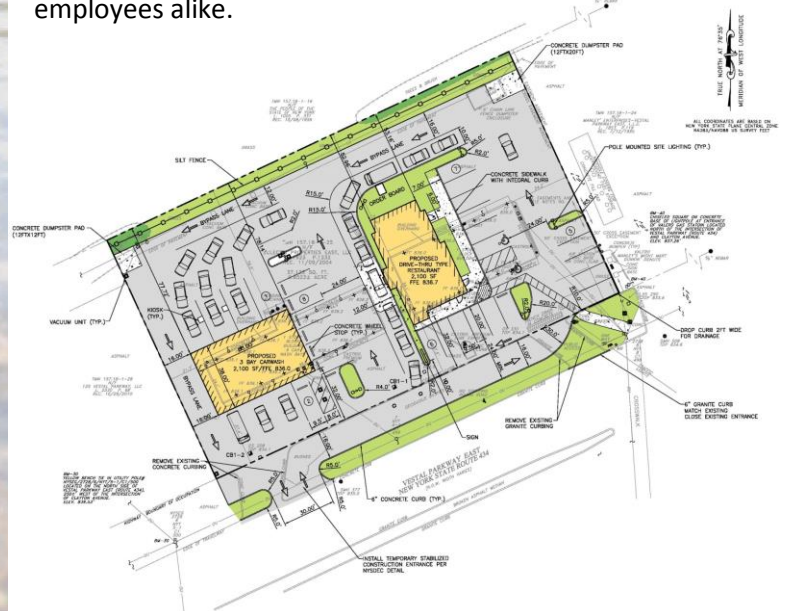
## FIRM OVERVIEW

Urda Engineering, PLLC, is a civil engineering firm committed to helping New York's southern tier developers, businesses, and residents develop their dreams. Founded in 2012 by Owner Alexander N. Urda, P.E., we bring 15 years of professional experience in site planning and civil engineering into every project.

Located in Windsor, NY, Mr. Urda and his colleagues form a locally rooted firm providing comprehensive engineering for a wide range of project types large and small. Site plans, engineering reports, and permitting support for projects such as commercial development, residential subdivisions, bluestone quarries, recycling facilities, transfer stations, compost facilities, and small dams, are daily routine work for the URDA team.

Mr. Urda has a longstanding development history with William Walsh designing projects for his various development entities throughout the Greater Binghamton Area, including numerous projects on the Traditions 'campus.' Mr. Urda has intimate knowledge of the critical site components on the Traditions site including site access and local traffic, utilities infrastructure, environmental and historical considerations, and the interests and concerns of the Town of Union, Traditions, and the surrounding neighborhoods.

For the Traditions Resort & Casino, URDA will be coordinating site design and municipal approval, as well as the SEQR environmental review documentation. This project includes smart, effective, innovative design providing for safe and efficient use by patrons and employees alike.



### RELEVANT PROFESSIONAL EXPERIENCE

As a licensed Professional Engineer with fifteen years of experience, Mr. Urda's work experience spans many areas of civil engineering from dam design, analysis, and inspection to site planning and design of residential subdivisions, municipal complexes, commercial properties, transfer stations, and compost facilities, to the design of new public and private utilities, including stormwater systems, water distributions systems and tanks, and sanitary sewer collection and treatment systems. Representative project experience includes:

### SITE DEVELOPMENT/PLANNING

- Tioga Downs Racetrack (2005), Town of Nichols, New York - Project Manager/Project Designer. Responsible for site grading, hydrologic and hydraulic analysis, watershed and stormwater modeling, design and construction inspection of stormwater detention ponds, and coordination with NYSDEC for stormwater SPDES permitting and project plan review. Supervised and certified construction duration stormwater site inspections. (Project completed while employed by another firm.)
- Apalachin Transfer Station, Taylor Garbage Service, Town of Owego, NY – Project Engineer for site design and plan approval process through the municipality including project plans, SEQR Full EAF, and stormwater design and permitting, as well as NYSDEC permitting and Engineering Report for the facility. Cost \$3,000,000.
- Tioga Management Waste Facility, Barton, NY – Develop site plan and engineering report, and complete applications for permit renewal of 50,000 ton per year MSW and C&D transfer station facility.
- Taylor Recycling Facility, Town of Owego, NY – Project Engineer for Stormwater Pollution Prevention Plan amendments, emergency access road design, and Construction Duration Inspections for SPDES compliance. Coordination with the Town of Owego for necessary approvals. Cost \$4,000,000.
- Twin River Commons, City of Binghamton, NY - Project Manager of site design for 4 story, 173,600 SF student apartment building on 3.65 acres adjacent to Chenango River; included coordination with Brownfield, historical findings, and ACOE floodwall proximity. Prepared SEQRA Full Environmental Assessment form including additional detailed responses and a draft scoping outline. Conducted on-site special inspection of reinforcing steel placement prior to all concrete pours. Conducted construction duration stormwater site inspections. Cost \$22,000,000. (Project completed while employed by another firm.)
- Khanzada Khan Fill Permit and Site Plan, Apalachin, NY - Project Engineer for two acre fill site, including Stormwater Pollution Prevention Plan, SPDES Permit (NOI), HEC-RAS Flood Plain analysis, site plan, grading plan, details, specifications, Planning Board and Zoning Board applications, and meeting attendance, Tioga County Planning Board review meeting attendance, and Construction Duration Inspections.
- Boland Fill permit, Endicott, NY – Project Engineer for fill site including project plans, details and specifications, Stormwater Pollution Prevention Plan, Notices of Intent, Construction Duration Inspection for SPDES compliance, SEQR Short EAF and coordination with the Town of Union for permitting.

### EDUCATION

Clarkson University, BS Civil Engineering, 1997

### CERTIFICATIONS AND LICENSES

- Registered Professional Engineer: New York State
- Certified Professional in Erosion & Sediment Control (CPESC)

### RELEVANT AFFILIATIONS

- U.S. Green Building Council (USGBC) – Member
- Broome County Environmental Management Council - Member at Large
- Broome County Soil and Water Conservation District – Board of Directors
- Binghamton Metropolitan Transportation Study (BMTS) – Planning Committee Member
- Broome County Flood Task Force Committee – Member
- Broome County Hazard Mitigation Plan Committee – Member