BCG

BARONE CONSTRUCTION GROUP, INC.
"BUILDING A FUTURE OF EXCELLENCE"

April 13, 2023

Mr. Brian Devincenzi
Assistant Superintendent for Support Services
Wallkill Central School District
1500 Route 208
Wallkill, NY 12589

RE: Recommendation for Award for: Wallkill Central School District Reconstruction Project for the Special Testing Service

Dear Mr. Devincenzi:

On Tuesday, April 11, 2023, we received Proposal's for the Wallkill Central School District Reconstruction Project for Special Testing Services.

Barone Construction Group, Inc., BCG, received 4 proposal and after thorough analysis, recommend the following Contract for award based on the unit costs attached and a Rough Order of Magnitude (ROM) of Seventy-Five Thousand Dollars ($75,000.00):

Tectonic Engineering Constraints, Geologists & Land Surveyors, D.P.C
280 Little Britain Road, Building 2
Newburgh, NY 12550

Attached are the following items:

- Formal Proposal by Tectonic, including Material testing and Special Inspection RFP Fee Submittal
- Cost comparison from all 4 firms

If you should have any questions, please feel free to contact me at 845-691-2244. Thank you

Sincerely,

Joseph Barone
President
Barone Construction Group, Inc.

Inspection/Test	Quantity	Fairway Cost	Tectonic	Advance	Atlantic
Soils & Foundation					
Inspection-Full Day		$565.00	$495.00	$685.00	$640.00
Inspections – Half Day		$395.00	$260.00	$365.00	$426.00
Modified Proctor Tests		$150.00	$130.00	$240.00	$150.00
Gradation & Sieve Analysis		$95.00	$75.00	$110.00	$100.00
Compaction Testing		Included above	$85.00	$80.00	$50.00
Moisture Content		Included above	Included above	$20.00	
Footing bottom / Bearing capacity tests		included above	$105.00	$25.00	$720.00
Cast-in-Place Concrete					
Rebar Inspection and Pre-placement – Full Day		$565.00	$500.00	$655.00	$640.00
Rebar Inspection and Pre-placement – Half Day		$395.00	$280.00	$415.00	$426.00
Batch Plant Inspection – Half Day		$370.00	$260.00	$415.00	$426.00
Cast-in-Place Inspection and sampling – Full Day		$544.00	$495.00	$575.00	$640.00
Cast-in-Place Inspection and Sampling- Half Day		$380.00	$260.00	$365.00	$426.00
Compressive Strength Tests (cylinders)		$18.00	$16.00	$19.00	$18.00
Masonry- Level 1 Inspection					
Inspections – Full Day		$544.00	$550.00	$655.00	$640.00
Inspections – Half Day		$380.00	$280.00	$415.00	$426.00
Compressive Strength Tests – Mortar cylinders		$18.00	$16.00	$19.00	$18.00
Compressive Strength Tests – Grout prisms		$50.00	$16.00	$80.00	$18.00
Composite Masonry Prisms		$130.00	$195.00	$155.00	$0.00
In-place Shear Strength Tests			NA		$0.00
Structural Steel					
Inspection – Full Day		$844.00	$750.00	$895.00	$820.00
Inspection – Half Day		$590.00	$400.00	$565.00	$540.00
Shop Inspection – Full Day		$800.00*	$750.00	$895.00	$820.00
Shop Inspection – Half Day		$560.00	$400.00	$565.00	$540.00
Torque Testing		Included	$680.00	Included	
Asphalt					
Inspections – Full Day		$575.00	$495.00	$685.00	$640.00
Inspections – Half Day		$398.00	$260.00	$365.00	$500.00
Mix Density Test (Marshall Test)		$80.00	$85.00	$40.00	
In-Place Density using Nuclear Density Meter		Included	$85.00	$80.00	$50.00
Core Sampling and Testing			$650.00	$200.00	$85.00
Asphalt Core- Thickness & Length Measurements and Report				$15.00	
Asphalt Core- Stability & Flow, Bulk Specific Gravity				$15.00	
Oversignt of Testing & Inspection Team					
New York State Licensed Professional Engineer		$150.00	$150.00	No Charge	$130.00
New York State E.I.T. / Project Manager			$95.00	No Charge	$109.00
Other Inspections & Testing Services					
SWPP(Per Inspection)		$344.00	$450.00	150/hour	$425.00
OT (1.5x amount for Weekends and excess of 8-hours)					

Travel

Pickup

Tectonic

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PROPOSAL

Wallkill Central School District
Capital Improvements Project
Special Inspection Materials Testing Services / SWPPP

Submitted To:

Wallkill CSD C/O Barone Construction Group, Inc
23 New Paltz Road
Highland, NY 12528

Attn: Joe Barone

April 3, 2023
TECTONIC PN 23-0380

Submitted By:

JAMES J. DUESEL
Executive Director of Construction Inspection Services
jduesel@tectonicengineering.com | (800) 829-6531 x2611 tel
280 Little Britain Road | Building 2 | Newburgh, NY 12550
tectonicengineering.com

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Wallkill Central School District
C/O
Barone Construction Group, Inc.
23 New Paltz Road
Highland, NY 12528

Attn: Joe Barone
VIA EMAIL: Joseph.Barone@bcgcmgc.com
CC: Brian.Cunningham@bcgcmgc.com

April 3, 2023

RE: PN 23-0380
MATERIALS TESTING & SPECIAL INSPECTION SERVICES
WALLKILL CENTRAL SCHOOL DISTRICT – CAPITAL IMPROVEMENTS PROJECT
WALLKILL, NY

In accordance with your request, Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C. is pleased to provide the enclosed Statement of our Qualifications and Unit Rates to provide Special Inspection & Materials Testing Services in accordance with Chapter 17 of the Building Code of NYS and the project documents and Stormwater Pollution Prevention Plan Inspections in accordance with the SPDES General Permit for the above referenced project.

Based on our review of the RFP dated March 30, 2023, and the project documents provided, we understand that the scope of services being requested, includes, but may not be limited to the following categories:

- Soils & Foundations
- Cast-in-place Concrete
- Masonry (Level 1)
- Structural Steel
- Asphalt
- SWPPP Inspections

Our inspection and testing services are performed in accordance with all applicable ASTM and AASHTO guidelines; including the requirements of ASTM E329, Standards and Recommended Practices of Inspection and Testing Agencies. Our in-house material testing laboratory is AASHTO accredited and participants in the bi -annual AASHTO Materials Reference Laboratory (AMRL) and the Cement and Concrete Reference Laboratory (CCRL) laboratory inspection programs and is also accredited by the US Army Corp of Engineers.

Our staff of experienced inspection technicians are certified by the American Concrete Institute (ACI), International Code Council (ICC), National Institute for Certification in Engineering Technologies (NICET), the Northeast Transportation Technical Certification Program (NETTCP), the American Welding Society (AWS), the American Society of Non-Destructive Testing (ASNT), the Associated General Contractors of America for NYS Hot-Mixed Asphalt and the Pre-stressed Concrete Institute (PCI) to name a few. We understand that many of the Special Inspection items will overlap and occur concurrently with one another. ***Many of our inspection technician staff are cross-trained in conducting soils, rebar, concrete, asphalt and masonry inspections and field testing. This allows us to provide a single inspector to cover multiple tasks in one day, which often saves budgeted man-hours.***

Newburgh Lab Office

280 Little Britain Road, Building 2 | Newburgh, NY 12550
845.563.9081 Tel | 845.563.9085 Fax

tectonicengineering.com
Equal Opportunity Employer

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Please have an authorized representative complete and sign the attached *Work Authorization and Proposal Acceptance Form* to indicate acceptance of this agreement and the attached *Unit Rate Schedule* and *General Terms and Conditions*. Please return to Tectonic one signed and completed copy of the *Work Authorization and Proposal Acceptance Form* and all construction documents pertinent to the services being requested. Fees shall be invoiced monthly, with payment due upon receipt. If payment is not received within 30 days, Tectonic will consider non-payment just cause to stop work.

We appreciate the opportunity to provide you with this proposal, and look forward to assisting you on this project. If you have any questions, please do not hesitate to call me at 845-563-9081 ext. 2611.

Sincerely,
TECTONIC ENGINEERING CONSULTANTS, GEOLOGISTS & LAND SURVEYORS, D.P.C.

James Duesel

James Duesel
Executive Director
Construction Inspection Services

JAMES DUESEL CONTACT INFO:
(845) 629-6551 Cell
jduesel@tectonicengineering.com

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1.0 FIRM OVERVIEW

Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C. (Tectonic) offers a full spectrum of professional engineering and design services to match its client's growing needs. Established in 1986, Tectonic has grown to become a multi-disciplined engineering firm with a staff of approximately 500. As one of the top 500 Engineering News-Record engineering design firms, since 2001, Tectonic is committed to providing a well-organized, thorough, and practical team that delivers a timely, economical, and quality work product offered from offices located in the Northeast.

One of the Top 500 Engineering News-Record engineering design firms, since 2001.

Tectonic's mission is to provide the highest level of quality and service; therefore, we concentrate our services on market sectors that reflect the strength and talent of our staff. Our core services include civil, structural, geotechnical, environmental, and transportation engineering, surveying, cultural resource management, design engineering (including planning and permitting), construction management, construction inspection and materials testing for design and construction projects varying in size and scope. Over the past 30 plus years, Tectonic has become one of the leading providers of Construction Inspection services in the Metropolitan area.

Offering multi-disciplinary engineering and design services that enable our clients to succeed across a wide range of goals – regardless of size, scope or complexity - we endeavor to educate our clients on the regulatory framework with which projects must comply throughout development and streamline the permitting process to result in timely performance in accordance with applicable state, federal and local regulations. Our approach to the management and administration of projects is grounded in basic practiced strategies, which have proven to reliably deliver successful products.

CONSTRUCTION TESTING & INSPECTION SERVICES

Tectonic has been providing construction testing and inspection services for over 30 years. Tectonics' inspection and testing services are provided in accordance with all applicable ASTM and AASHTO guidelines, including the requirements of ASTM E329, *"Standards and Recommended Practices of Inspection and Testing Agencies."* Our staff of over 190 field inspection personnel are all OSHA 10-hour trained, and are comprised of professional engineers, engineering geologists, and technicians certified in accordance with the National Institute for Certification in Engineering Technologies (NICET), the American Concrete Institute (ACI), the American Welding Society (AWS), the International Code Council (ICC), the New York State Associated General Contractors (AGS) for Hot-Mix Asphalt, and the Northeast Transportation Training & Certification Program (NETTCP). Each of our staff is cross-trained and certified in multiple areas of construction inspection, which can often save budget man-hours by performing multiple inspections on-site each day. Tectonic maintains its professional integrity by adapting our Quality Assurance (QA) Plan to each project with the employment of full-time QA/QC Supervisory personnel.

Tectonic has obtained an accreditation relative to the IAS Accreditation Criteria for Special Inspection Agencies (AC291), commencing on May 29, 2012, to provide special inspections conducted under the New York State Building Code (Code) Chapter 17, Section BC 1704 – Special Inspections. Tectonic has also obtained accreditation to perform all special inspections listed within the Code.

We are accredited by AASHTO under their AASHTO Materials Reference Laboratory (AMRL) and Cement and Concrete Reference Laboratory (CCRL) programs, and we have received certification by the US Department of Commerce National Institute of Standards and Technology – National Voluntary Laboratory Accreditation Program (NVLAP) to provide construction materials testing. Our new NVLAP certification is currently pending. We are also licensed by the New York City Department of Buildings and registered with them as a Special Inspection Agency. Tectonics inspection and testing services are provided in accordance with the requirements of ASTM E329 outlining the Standards and Recommended Practices of Inspection and Testing Agencies.

Our laboratories operate in compliance with the company's Quality Control Program (QCP) assuring personnel are properly trained, equipment is calibrated and properly maintained, and tests are conducted according to detailed procedures with the results properly recorded and documented. All major equipment is maintained and calibrated at regular intervals against recognized standards. Routine check-out of equipment is performed prior to the start of each test to ensure normal operation.

Tectonics materials testing services are provided in accordance with all applicable ASTM and AASHTO guidelines, including the requirements of ASTM E329, Standards and Recommended Practices of Inspection and Testing Agencies. Additionally, Tectonics' in-house testing laboratory is accredited by AASHTO and the US Army Corp of Engineers for Concrete, Concrete Aggregate and Soil material testing. We are also participants in the bi-annual Cement and Concrete Reference Laboratory (CCRL) laboratory inspection program. Tectonics lab is also licensed by the City of New York Department of Buildings to perform all tests on concrete and concrete materials as required by the provisions of the Administrative Code.

2.0 PROJECT APPROACH & SCHEDULE

Tectonic understands that the Wallkill Central School District (Owner) C/O Barone Construction Group, Inc. (Construction Managers) is seeking to retain the services of a qualified professional and experienced firm to provide Stormwater (SWPPP) Inspections in accordance with SPDES General Permit and Special Inspection and Materials Testing Services in accordance with Chapter 17 of the Building Code of NYS and the Contract Documents for Capital Improvement Projects throughout the Wallkill School District.

Tectonics' project team will be assembled from the Construction Inspection group with an in-depth, experienced, and qualified staff. We believe the expertise required by this project will best be served by this approach and will be directed and coordinated by our Project Manager, James Duesel, Executive Director of Construction Inspection services. Our firm has the staffing resources and proven experience of working on many projects in both the upstate New York and metro New York areas to deliver a high-quality, cost-effective, and timely variety of projects including educational (School Capital Improvement Projects), institutional and residential facilities, and municipal and regional government projects.

Tectonics' goal is to achieve technical excellence by striving to maintain the highest level of proficiency in the performance of our engineering, surveying, and related support services. To accomplish this, we will dedicate the best professional talents, supported with the necessary resources to ensure that the most technically feasible and cost-effective solutions are an integral part of the final product delivered to the client. Tectonics' Quality Assurance (QA) Plan will be adapted to this specific project and further used as a guide in the performance of our professional services. The success of any project is determined by our ability to achieve and sustain a high standard of performance through the dedication and commitment of competent staff. It is our philosophy that we have an obligation to provide a quality product to all our clients through responsive and innovative application of practical experience, technical competence, and state-of-the-art technology. Our QA Plan has been developed to assist in achieving this goal.

Effective communication at all levels is essential. Understanding the client's requirements and expectations at the start of the project is the first step in establishing an effective channel of communication. Maintaining these lines of communication throughout the project duration is essential to ensure the transfer of all information necessary to produce a final acceptable product. Tectonics' Quality Assurance program begins with a clear definition of expectations. In summary, Tectonics' management approach is based on the point-of-contact method where our Project Manager will be the focus of all correspondence between the client and Tectonics' staff. This presents a clear line of communication so Tectonic can effectively and rapidly respond to project demands.

Tectonic strives to have all projects stay within the approved budget and meet all project schedule milestones and deadlines. Conformance to established project schedules is achieved by assigning a proficient Project Manager to an experienced design team, who will coordinate all parties involved in the project and track progress on a regular basis. Tectonic utilizes several controls to ensure adherence to project schedules. Our interactive project reporting system allows Project Managers to obtain updated information on the status of a project, from both a technical and financial standpoint. This information is updated daily and used as a focal point for project status meetings. These internal resources provide for close project tracking and prevent any deviations from the established schedule. In addition, we keep the client informed as the project progresses to ensure a clear understanding of scheduling goals and objectives.

Tectonic offers a streamlined management program (including top supervisory skills and tailored quality assurance measures), state of the art resources and diverse expertise.

Our staff of professionals will be assisted by staff in their respective fields to complete the specific tasks under their coordination and supervision. This management approach ensures that all project activities are integrated, clear lines of authority are established and all the necessary "pieces" of the effort are collated into a comprehensive and complete plan that is delivered on-time and within budget.

As a minimum, all of Tectonics' field personnel have satisfactorily completed the 10-Hour OSHA Construction Safety Certification Program which provides our field staff with general awareness on recognizing and preventing hazards on a construction site. Tectonic also offers mandatory safety orientation for new employees and bi-annual refresher safety training sessions from our Corporate Health & Safety Officer, James Armstrong.

3.0 PROJECT TEAM OVERVIEW

Identified below are the key participants that will be involved in providing professional services to the Wallkill Central School District and/or their designated representative. These individuals are available for immediate assignment, and they will direct and supervise individual tasks under this contract in their corresponding field of expertise. Detailed resumes for each of the key staff members may be submitted upon request.

Donald A. Benvie, P.E., P.G., President & Chief Executive Officer, will serve as the **Principal-in-Charge.** Mr. Benvie will be responsible for oversight and independent peer review of the administration of the contract and product deliverables. Mr. Benvie has over 42 years of experience in the fields of civil engineering and project/construction management. He has directed numerous engineering assignments for government agencies, municipalities and educational facilities throughout the State of New York.

Mark Stier, P.E., P.G., Executive Vice President of Geotechnical Engineering & Construction Inspection Services will serve as **Project Director.** Mr. Stier will interface between the Owners designated representative and Tectonic. He will assure that all staff assigned to this project are familiar with the project manual & specifications for inspections and materials testing work. Mr. Stier has over 33 years of experience in geotechnical engineering and construction support services. Mr. Stier also serves as the director of Tectonics' in-house laboratory and provides quality control and engineering oversight associated with laboratory testing.

James Duesel, Executive Director of Construction Inspection Services, will serve as **Project Manager.** Mr. Duesel has over 30 years of relevant field and project management experience for a wide range of commercial, residential, medical, municipal, and educational facilities projects. Responsibilities include acting as point of contact between the Construction Manager and Owner, direct management for the coordination and scheduling of field staff, reviewing and finalizing detailed field reports/lab test data, review of submittals, generating letter correspondence to clients/contractors relative to non-conformance issues and/or controlled inspection sign-off and engineering direction of field personnel and monitoring project budgets.

Christopher Burke, Ph.D., P.E., P.M.P, Manager of Geotechnical Services, has 23 years of experience and is responsible for the management of geotechnical site investigations incorporating soil and rock borings, borehole image processing, test pits, piezocone testing, piezometers, monitoring wells, inclinometer installation and monitoring, and rock structure/geologic mapping. Responsibilities also include the performance of engineering evaluations, geotechnical report preparation and the management of supporting staff performing same and QA/QC duties for the construction of buildings, bridges, roads, earth dams, telecommunications projects and utilities. Projects have included spread footings, mats, drilled shafts, mini piles, piled and rock anchored foundations, underpinning, the application of surcharging, light-weight fill and wick drains, reinforced earth slopes and retaining walls. Mr. Burke will be responsible for all required soil and subgrade special inspection services.

Frank Morey, Jr., Senior Construction Technician/CWI, is responsible for construction inspection and construction oversight. Responsibilities include reinforcement steel (rebar) inspections, cast-in-place concrete inspections including field testing and sampling, earthwork construction including density testing of controlled fill placement utilizing nuclear density gauge equipment, water and sewer main utilities inspections including witnessing hydrostatic pressure testing of main lines and vacuum testing of manholes; masonry inspections including verification of vertical and horizontal

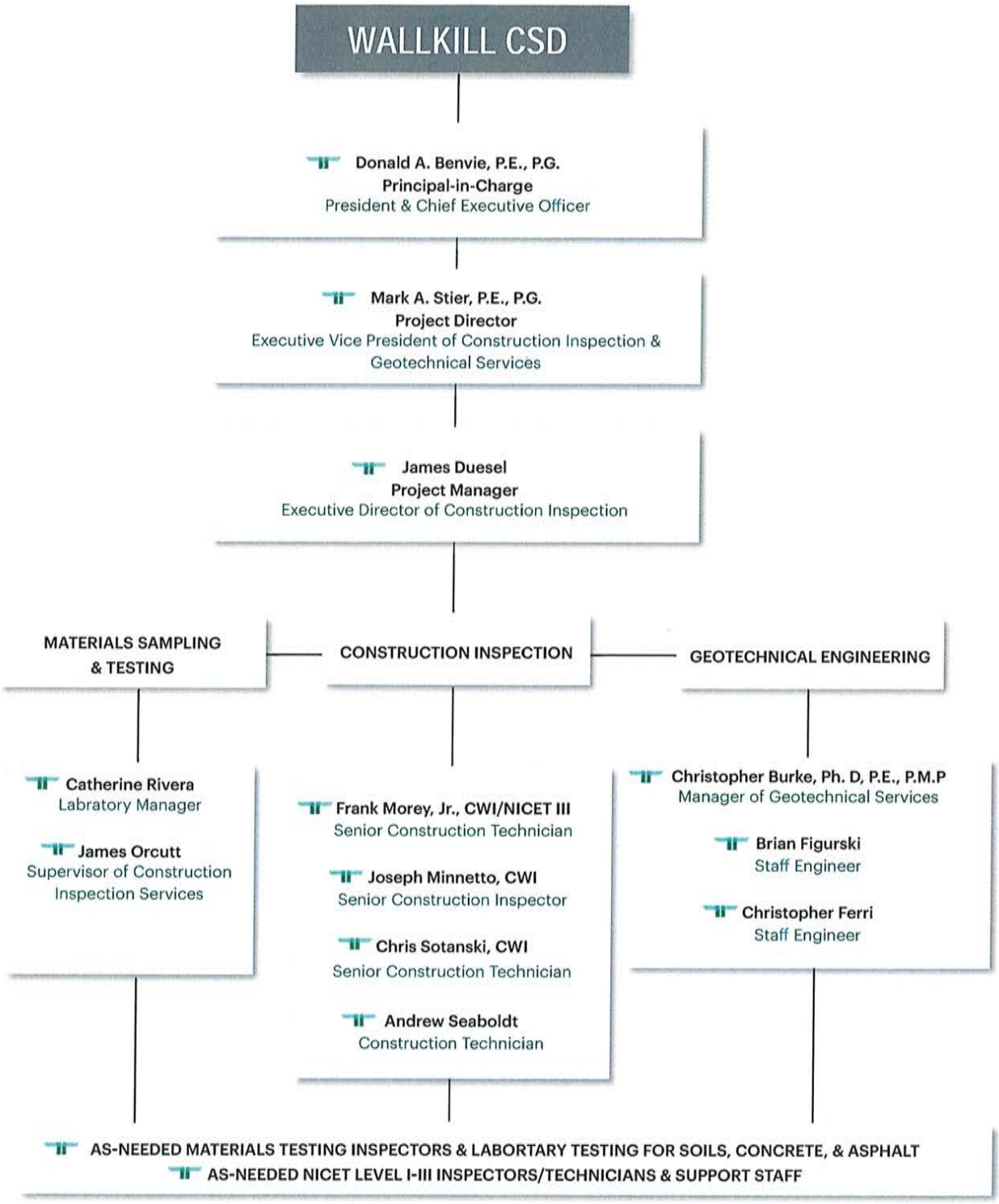
reinforcement placement and testing and sampling of mortar and grout; spray-on fireproofing inspections including thickness verification and adhesion/cohesion. Structural steel inspections including visual inspections of bolted and welded connections and fabrication shop inspections to verify proper layout/location/sizing of bolt holes, size and grade of steel members, weld quality and bolt qualification through Skidmore-Wilhelm Testing.

Joseph Minnetto, Senior Construction Inspector/CWI, is responsible for Special Inspection Materials Testing for cast-in-place concrete including pre-pour inspections of reinforcement steel inspection including field testing and sampling of cast-in-place concrete, witness of site preparations including proof-rolling and subgrade preparations, controlled soils fill placement and compaction testing, reinforced masonry construction, asphalt placement inspections, forensic investigations of hardened concrete by Windsor Probe Testing and Coring Operations. Preparation of detailed field reports to document job-site activities and field test data results.

Andrew Seaboldt, Construction Technician, is responsible for field testing and sampling of cast-in-place concrete, controlled fill placement and compaction testing with a Troxler nuclear density gauge, Preparation of detailed field reports documenting job-site activities and test data/results. Other responsibilities include laboratory testing of soils for gradation, moisture-density relationships (proctor analyses), liquid & plastic limits (Atterberg Limits), specific gravity, and organic content of soils.

As Needed Inspection and Material Testing Staff shall be further incorporated as necessary to provide timely and quality services in the field and laboratory. These additional staff members will encompass experienced and certified inspection personnel who will be managed and supervised by the key staff noted above.

ORGANIZATIONAL CHART


WALLKILL CSD
Donald A. Benvie, P.E., P.G.
Principal-in-Charge
President & Chief Executive Officer
Mark A. Stier, P.E., P.G.
Project Director
Executive Vice President of Construction Inspection & Geotechnical Services
James Duesel
Project Manager
Executive Director of Construction Inspection
MATERIALS SAMPLING & TESTING
CONSTRUCTION INSPECTION
GEOTECHNICAL ENGINEERING
Catherine Rivera
Labratory Manager
James Orcutt
Supervisor of Construction Inspection Services
Frank Morey, Jr., CWI/NICET III
Senior Construction Technician
Joseph Minnetto, CWI
Senior Construction Inspector
Chris Sotanski, CWI
Senior Construction Technician
Andrew Seaboldt
Construction Technician
Christopher Burke, Ph. D, P.E., P.M.P
Manager of Geotechnical Services
Brian Figurski
Staff Engineer
Christopher Ferri
Staff Engineer
AS-NEEDED MATERIALS TESTING INSPECTORS & LABORTARY TESTING FOR SOILS, CONCRETE, & ASPHALT
AS-NEEDED NICET LEVEL I-III INSPECTORS/TECHNICIANS & SUPPORT STAFF

4.0 RELEVANT PROJECT EXPERIENCE

Tectonic
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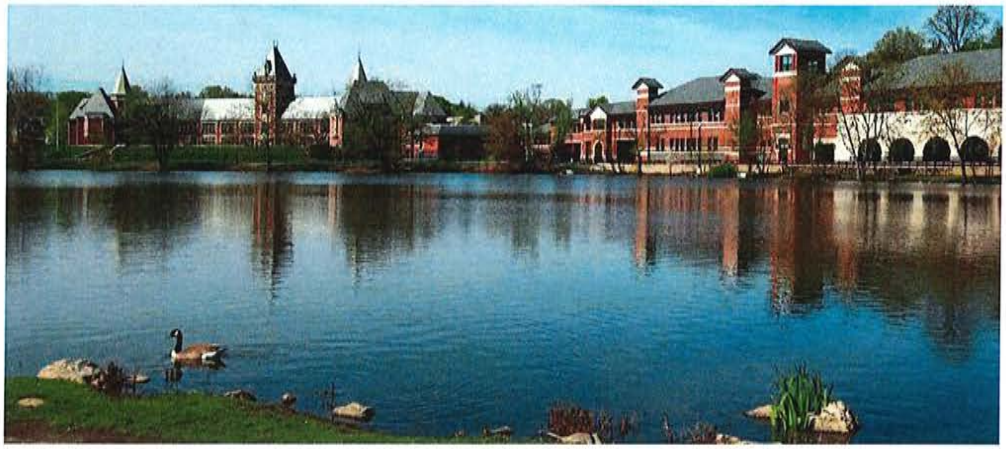
City School District of New Rochelle
Capital Projects – Phase II
Controlled Inspection Materials Testing Services



PROJECT DESCRIPTION:

Tectonic was retained by the City School District of New Rochelle (Owner) c/o CSArch (Design Professional) to provide Controlled Inspection & Materials Testing Services to the City School District as part of their 2nd Phase of Capital Improvements. Project consisted of restoring/upgrading aging school buildings and facilities throughout the School District. As part of the 2nd Phase, New Rochelle High School will replace sidewalks, asphalt pavement at parking lots and storm drainage utilities. Restoration to repair the exterior masonry brick face facade. Phase 2 will also entail several improvements to physical education/athletic spaces at NRHS to McKenna Field including installation of a new track surface & lighting as well as replacement of stairs and site retaining wall. At Isaac E. Young & Jefferson Middle Schools, improvements included replacement of exterior stairs, sidewalks, walkways & curbing.

Tectonic provided controlled inspections and materials testing services for cast-in-place concrete, masonry, soils backfill and asphalt.

CSArch
Architecture | Construction Management

PROJECT OWNER:
City School District of The City of New Rochelle

PROJECT CLIENT:
City School District of The City of New Rochelle
C/O CSArch

LOCATION:
Various Schools
New Rochelle, NY

DATE:
2017 -2021

CONSTRUCTION COST:
$46 Million

CONTACT:
Thomas Ritzehthaler, AIA
Peter Wintermantel
CSArch
Phone: (845) 561-3179

JACOBS

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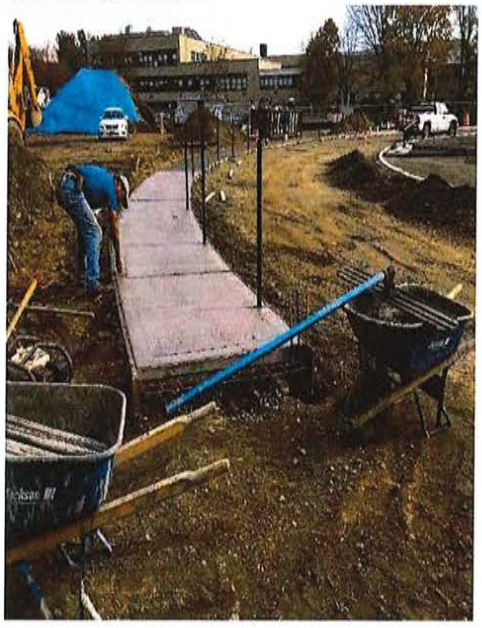
Harrison Central School District
Capital Projects – Louis M. Klein Middle School
Controlled Inspection Materials Testing Services

PROJECT DESCRIPTION:
Tectonic was retained by the Harrison Central School District (Owner) c/o AARIS Contracting Company (CM) to provide Controlled Inspection & Materials Testing Services and Storm Water (SWPPP) Inspections for Athletic Field Improvements to the Louis M. Klein Middle School in Harrison, NY. The project consisted of new configuration of the existing Multi-Purpose Playing Field including replacement of the Track & Field, New Paved Parking/Drive and a 1-Story Bathroom Addition to the Louis M. Klein Middle School.

Tectonic provided controlled inspections and materials testing services for cast-in-place concrete, soils backfill, asphalt paving and reinforced masonry. The project was substantially completed by the Winter of 2021.



PROJECT OWNER:
Harrison Central School District
C/O AARIS Contracting Company, Inc.

PROJECT CLIENT:
Harrison Central School District

LOCATION:
Harrison, NY

DATE:
2017 - 2021

CONTRACT VALUE:
$100,00 Thousand

CONTACT:
Lenny Purcell - Director of Facilities
Harrison CSD
(914) 835-3300 Cell

John Patrick Jackson – Executive Project Manager AARIS Contracting
(845) 473-3600

ACCI

H2M architects + engineers
practical approach. creative results.

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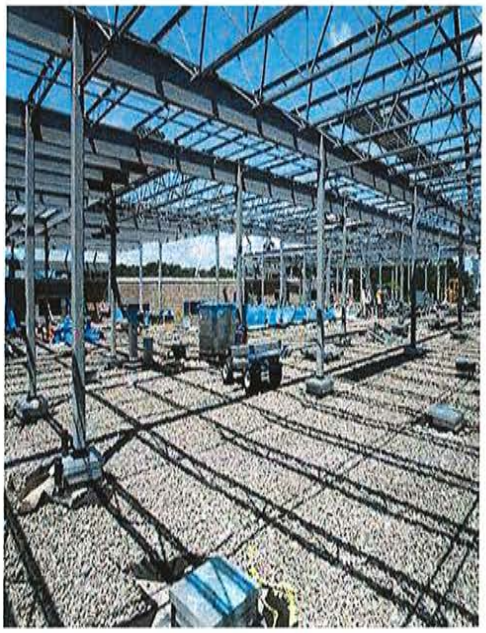
Middletown Enlarged City School District
Capital Projects – Phase 1 & II

PROJECT DESCRIPTION:

Tectonic is providing Special Inspection & Materials Testing Services to the Middletown Enlarged City School District as part of their district-wide capital improvements project.
Specific projects under this contract include:

- Additions & alterations to the Middletown HS including expansion for a 3rd floor, 28,000 sf addition to provide 11 additional classrooms & a 10,000 sf addition to the existing courtyard
- District-wide alterations at multiple schools to upgrade/replace deteriorated parking lots, sidewalks, curbing and tennis court and athletic field modifications



TRITON CONSTRUCTION

PROJECT OWNER:
Middletown Enlarged City School District

PROJECT CLIENT:
Middletown Enlarged City School District
C/O Triton Construction (CM)

LOCATION:
Middletown, NY

DATE: 2016 - 2020

CONTRACT VALUE:
$100 Thousand

CONTACT:
Thomas Scott
Superintendent of Buildings & Grounds
(845) 326-1194

Frank Arturi
Project Manager – Triton Const.
(516) 427-8246

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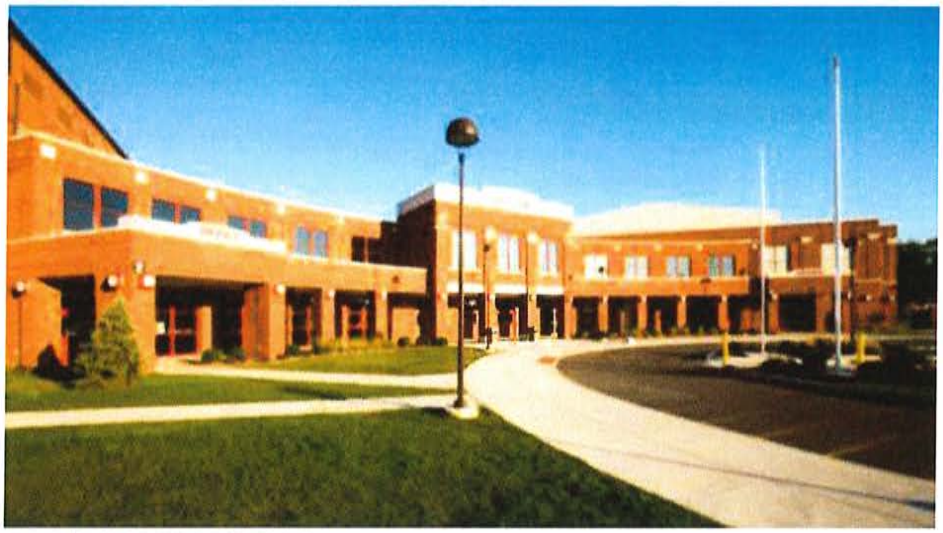
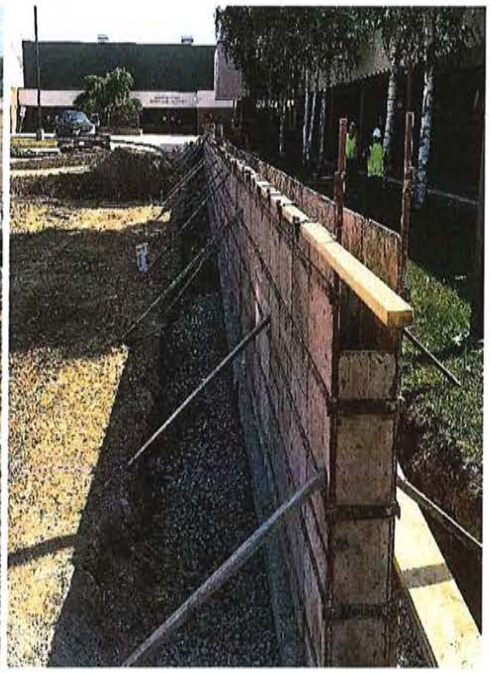
Minisink Valley High School Improvements
Minisink Valley School District



PROJECT DESCRIPTION:
Tectonic provided Controlled Inspection & Materials Testing Services to the Minisink Valley CSD as part of their $36.9 million dollar capital project for district wide infrastructure upgrades. At Minisink Valley High School, upgrades included construction of a new cafeteria/kitchen space to increase seating capacity along with site improvements to replace sidewalks, storm drainage and asphalt pavements for school parking and driveways. Tectonic is providing quality control inspections and materials testing for soils, concrete and asphalt pavement construction.



TETRA TECH

PROJECT OWNER:
Minisink Valley Central School District

PROJECT CLIENT:
Minisink Valley Central School District
C/O TetraTech Architects

LOCATION:
Minisink, NY

DATE:
2017

CONTRACT VALUE:
$50 Thousand

CONTACT:
Nick Lopez / Joe Colucci –
TetraTech Architects & Engineers
(631) 847-7762

BOYCE EXCAVATING

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

New Paltz High School – Additions / Alterations
(Project E & F) New Paltz Middle School
(Project G) New Paltz CSD – District Wide Capital Improvements

New Paltz Central School District

the Palombo Group

PROJECT OWNER:
New Paltz CSD

PROJECT CLIENT:
New Paltz CSD
C/O The Palombo Group (CM)

LOCATION:
New Paltz, NY

DATE:
2017 - 2018

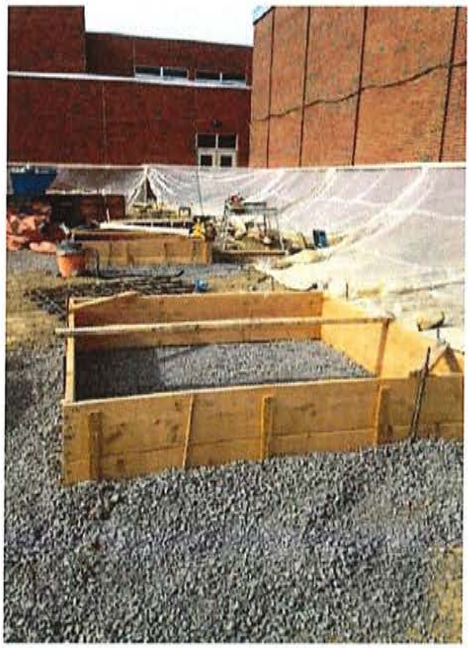
CONTRACT VALUE:
$100 Thousand

CONTACT:
Thomas Chesser
Project Superintendent
The Palombo Group
(914) 539-1481

Nick Lopez
TetraTech Architects & Engineers
(607) 277-7100

PROJECT DESCRIPTION:

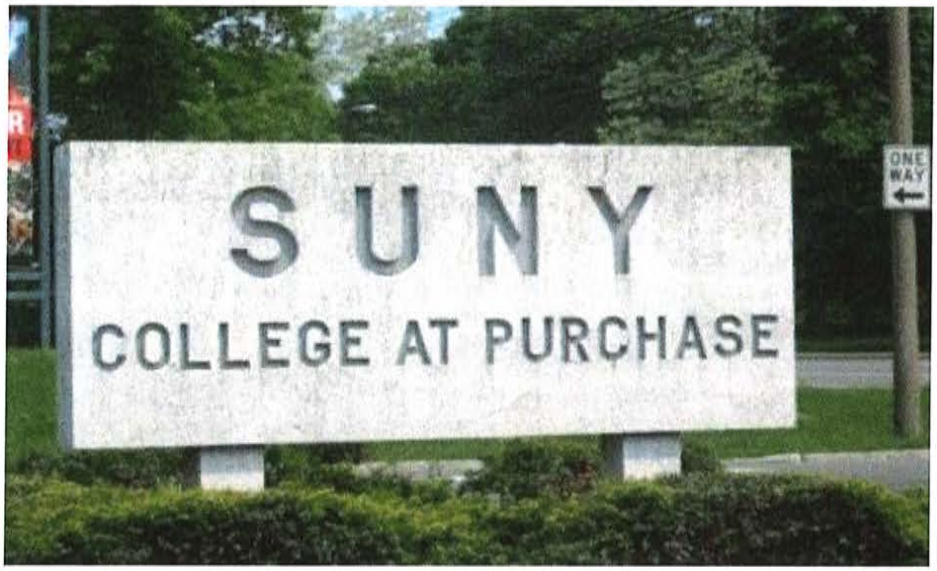
Tectonic was retained as a 3rd party Special Inspection & Materials Testing Agency to the New Paltz Central School District as part of their $52.9 million dollar capital project district wide upgrades. Projects E & F to the High School includes new classroom additions, improvements to the fitness room, boys locker room and exterior wall replacement at the west wall of the gymnasium. Project G at the Middle School includes new construction of a 3-story addition & various site improvements



TETRA TECH

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

DORMITORY AUTHORITY OF THE STATE OF NEW YORK
TERM AGREEMENT FOR CONSTRUCTION INSPECTION SERVICES



NEW YORK STATE OF OPPORTUNITY. | DASNY

PROJECT DESCRIPTION:

Tectonic was awarded a multi-year Term Agreement to provide construction inspection, materials testing and geotechnical services for various State Facilities, and recently received "Notice to Proceed" for a follow-up contract through 2021. Tectonic is providing controlled inspection and materials testing services for soils, concrete, masonry, asphalt, and structural steel materials, preparation of inspection reports and performance of on-site investigations. Other duties include pile driving inspection and load testing, caisson and earth anchor inspection and in-situ testing of footing subgrades.

Tectonic is providing the construction inspection and materials testing for numerous projects throughout New York State during the time period between 1996 and Present. Tectonic is responsible for technical inspection and administration of pile driving and sub-grade inspection, inspection of steel, fabrication, and erection as per design specifications; and pre-construction services involving surveying and assessing the existing condition of the adjoining buildings.

COMPLETED PROJECTS INCLUDE:

- SUNY Purchase New Dormitory
- SUNY New Paltz Lenape Hall Dormitory
- SUNY New Paltz LeFevre Hall Renovations
- SUNY New Paltz Emergency Generators
- Taconic DDSO New Housing
- Rockland's Children's Psych Center
- Bronx Criminal Court Complex Precast
- Bernard Fineson Housing
- City College Tunnel
- Queens College Dorm
- York College
- Bronx Community College Retaining Walls
- Hostos Community College Retaining Wall
- York College Dewatering
- Bryant Avenue Utilities
- Taconic DDSC Assisted Housing
- Helen Hayes Nursing Home
- Cook Chill Plant, Rockland County
- Animal Care Facility
- Lehman College
- Middletown Psych Center
- Institute of Basic Research
- Animal Annex Building-Rockland Psych Center
- Chenango County 911 Emergency Response Towers
- Remson Hall, Queen College
- Veterans Administration Hospital, Montrose
- Judicial Institute at Pace University
- Mid-Hudson Psychiatric Center
- Pace University
- Griffin Laboratories
- St. Christopher's School
- Jacobi Medical Center
- Bellevue Hospital
- NYC College of Technology
- LaGuardia Community College

PROJECT OWNER:
Dormitory Authority of the State of New York (DASNY)

LOCATION:
Various Locations, NY

DATE:
1996 – On-Going Term Contract

CONTACT:
Keith LaPlante
(518) 257-3228
klaplant@dasny.org

5.0 UNIT PRICING FEE SCHEDULE

MATERIALS TESTING AND SPECIAL INSPECTION RFP FEE SUBMITTAL

TECTONIC ENGINEERING

Materials Testing and Special Inspection Services

Authorized Signature: James Duesel

Name: James Duesel

All Inspections are on-site unless specifically note otherwise

INSPECTION AND TESTING – ITEM DESCRIPTION	IT	COST/UNIT
1. SOILS & FOUNDATION		
A. Inspections – Full Day (Troxler certified technician)	per diem	$495.00
B. Inspections – Half Day	per diem	$260.00
C. Modified Proctor Tests (ASTM D698/ASTM D1557)	each	$130.00
D. Gradation & Sieve Analysis (ASTM D6913)	each	$75.00
E. Compaction Testing (minimum 10 tests/callout)	Daily Equipment Charge Unlimited # Tests/Day	$85.00
F. Moisture Content (Included in testing report above)	each	$0.00
G. Footing bottom / Bearing capacity tests (Included Below)	each	See below
H. Subgrade Bearing Inspection - Geotech Staff Engineer	hourly	$105.00
2. CAST-IN-PLACE CONCRETE		
A. Rebar Inspection and Pre-placement – Full Day (ACI SI)	per diem	$500.00
B. Rebar Inspection and Pre-placement – Half Day	per diem	$280.00
C. Batch Plant Inspection – Half Day (ACI Grade 1)	per diem	$260.00
D. Cast-in-Place Inspection and sampling – Full Day (ACI Grade 1)	per diem	$495.00
E. Cast-in-Place Inspection and Sampling- Half Day	per diem	$260.00
E. Compressive Strength Tests (cylinders) (ASTM C39)	each	$16.00
3. MASONRY * Level 1 Inspection		
A. Inspections – Full Day (ICC / ACI Masonry SI)	per diem	$550.00
B. Inspections – Half Day	per diem	$280.00
C. Compressive Strength Tests – Mortar cylinders (ASTM C109/C780)	each	$16.00
D. Compressive Strength Tests – Grout prisms (ASTM C39)	each	$16.00
E. Composite Masonry Prisms (ASTM C1314)	each	$195.00
F. In-place Shear Strength Tests	each	NA
4. STRUCTURAL STEEL		
A. Inspection – Full Day (AWS CWI)	per diem	$750.00
B. Inspection – Half Day	per diem	$400.00
C. Shop Inspection – Full Day *Rate does not include travel expenses for out-of-town shop	per diem	$750.00

D. Shop Inspection – Half Day	per diem	$400.00
E. Torque Testing (ICC Bolting SI)	Per diem	$680.00
5. ASPHALT		
A. Inspections – Full Day (HMA Density Testing Insp - Troxler Certified)	per diem	$495.00
B. Inspections – Half Day	per diem	$260.00
C. Mix Density Test (Marshall Test) (ASTM D2041 Specific Gravity Cores)	each	$85.00
D. In-Place Density using Nuclear Density Meter *Day Rate - Unlimited number of tests/day	Day	$85.00
E. Core Sampling and Testing Day Rate Coring - Includes Mobilization Labor, Core Equipment, Thickness Report	Day rate	$650.00
7. FIRE-RESISTANCE		
A. Sprayed Fire-Resistance (Thickness & Density)	Hourly	N/A
B. Adhesion / Cohesion	Hourly	N/A
C. Intumescent Paint Thickness Check	Hourly	N/A
D. Intumescent Fireproofing	Hourly	N/A
8. FIRE-STOPPING		
A. Fire Caulk Testing/Inspection	Hourly	N/A
9. OVERSIGHT OF TESTING & INSPECTION TEAM		
A. New York State Licensed Professional Engineer As Needed Upon Request	Hourly	$150.00
B. New York State E.I.T. / Project Manager Preparation of Weekly Field Report Submittals Est 1 Hour/Week	Hourly	$95.00
10. OTHER INSPECTION & TESTING SERVICES		
A. Drilled Piers	Hourly	N/A
B. SWPPP Inspection Includes All Travel Labor & Report to perform Weekly Inspection w/ 4-Hour Trained E&S Insp	~~Hourly~~ Per Inspection	$450.00
C. Air Infiltration	Hourly	N/A
D. Water Penetration	Hourly	N/A
E. Sealant Adhesion	Hourly	N/A
F. Welding of Reinforcing Bars	Hourly	N/A
Note: For hours worked in excess of 8-hours during normal		
work days Monday-Friday, and all time on weekends,		
multiply hourly technician rate by 1.5X (Overtime)		

6.0 CLIENT REFERENCES

1. **Dormitory Authority of New York State (DASNY)**
   (Term Contract for Geotechnical & Special Inspection Materials Testing Services)
   Rich Visconti, PE (Special Inspections & Testing Unit / Code Compliance)
   515 Broadway, Albany NY 12207
   (518) 257-3219 Office
   RViscont@dasny.org

2. **Port Authority of New York & New Jersey (PANYNJ)**
   (Ongoing Term Contract for Construction Inspection Materials Testing Services)
   Rob Gill, Geotechnical Lab Supervisor
   Port Authority Technical Center, 241 Erie Street, Rm 234, Jersey City, NJ 07310
   (201) 216-2970 Office
   rgill@panynj.com

3. **Orange & Rockland Utilities (Term Contract On-Call Inspection & Testing Services)**
   Michael Mastice (Project Manager & Specialist – ORU Construction Division)
   390 Route 59 Spring Valley, NY 10977
   (845) 476-1000 (Cell)
   masticem@oru.com

4. **Avalon Bay Communities, Inc. (Fairfield CT.)**
   RE: Avalon Yonkers, NY (High-rise Apartments) / Avalon Somers, NY (Residential Development) / Avalon Harrison (Residential Apartments & Parking Garage)
   Mr. Robert Acampora – Project Superintendent
   (203) 415-7399
   Robert_Acampora@avalonbay.com

5. **City of New Rochelle - Bureau of Buildings**
   (RE: 14 LeCount Place / 17 Locust Avenue Modular Building Projects)
   Paul Vacca – Deputy Commissioner / Building Official
   (914) 654-2035 Office
   Pvacca@newrochelleny.com

7.0 CORPORATE CERTIFICATIONS & LICENSES / SAMPLE FIELD FORMS

AASHTO ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AASHTO

Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.

in

Newburgh, New York, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).

Jim Tymon,
AASHTO Executive Director

Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 09/01/2022 at 4:06 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

To: Licensee/Registrant

- Please review the Registration Certificate below to be sure the information on it is correct.
- If any of the information is not correct, please contact us at OPREGFEE@mail.nysed.gov or (518) 474-3817, Ext. 410.
- If the information is correct, sign above the Licensee/Registrant block and please destroy any previous Registration Certificates you may have, as certificates with incorrect information are not valid and should not be kept.
- Should your address or name change, please notify us as described on the reverse and a new certificate will be issued.

UPON RECEIPT OF THIS REGISTRATION CERTIFICATE YOUR PREVIOUSLY ISSUED REGISTRATION CERTIFICATE IS NULL AND VOID. PLEASE DESTROY THE PREVIOUSLY ISSUED REGISTRATION CERTIFICATE.

SEE BACK FOR IMPORTANT INFORMATION

The University of the State of New York
Education Department
Office of the Professions
REGISTRATION CERTIFICATE
Do not accept a copy of this certificate

License Number: 076154-01 Certificate Number: 1686618

STIER MARK ANDREW
7 ARDEN DR
HIGHLAND NY 12528-2870

is registered to practice in New York State through 02/28/2025 as a(n)
PROFESSIONAL ENGINEER

LICENSEE/REGISTRANT

COMMISSIONER OF EDUCATION

EXECUTIVE SECRETARY

DEPUTY COMMISSIONER
FOR THE PROFESSIONS

This document is valid only if it has not expired, name and address are correct, it has not been tampered with and is an original - not a copy. To verify that this registration certificate is valid or for more information please visit ***www.op.nysed.gov.***

THE UNIVERSITY OF THE STATE OF NEW YORK
EDUCATION DEPARTMENT

THIS IS TO CERTIFY THAT HAVING MET THE REQUIREMENTS OF SECTION 7210 OF THE EDUCATION LAW AND IN ACCORDANCE THEREWITH THIS CERTIFICATE OF AUTHORIZATION IS GRANTED WHICH ENTITLES

TECTONIC ENGINEERING CONSULTANTS GEOLOGISTS &
LAND SURVEYORS DPC
PO BOX 37
70 PLEASANT HILL RD
MOUNTAINVILLE, NY 10953-0000

TO PROVIDE PROFESSIONAL ENGINEERING SERVICES IN THE STATE OF NEW YORK FOR THE PERIOD 01/01/2021 TO 12/31/2023.

CERTIFICATE NUMBER
0017898

BETTY ROSA
INTERIM COMMISSIONER OF EDUCATION

NYC DOB SPECIAL INSPECTION AGENCY # 106

ACCREDITED

G-01: Daily Field Report

Office Location

☐ 70 Pleasant Hill Road Mountainville, NY 10953 P: (845) 534-5959 F: (845) 534-5999	☐ 29-16 40th Avenue Long Island City, NY 11101 P: (718) 391-9200 F: (718) 391-0607	☐ 1344 Silas Deane Highway, Suite 500 Rocky Hill, CT 06067 P: (860) 563-2341 F: (860) 257-4882	☐ 280 Little Britain Road Newburgh, NY 12550 P: (845) 563-9081 F: (845) 563-9085
☐ 36 British American Blvd. Suite 101 Latham, NY 12110 P: (518) 783-1630 F: (518) 783-1544	☐ 1279 Route 300 Newburgh, NY 12550 P: (845) 567-6656 F: (845) 567-8703	☐ 8639 Mayland Drive, Suite 102 Richmond, VA 23294 P: (804) 217-8504 F: (804) 270-0593	☐ 6700 Old Collamer Road, Suite 104 East Syracuse, NY 13057 P: (315) 463-5020 F: (315) 463-5194

Project Name:		**Date:**	**Non-Conformance Items**
Location:		**W.O.#:**	Yes ☐ No ☐

Client:	**Tectonic Project Manager:**
Owner:	**Tectonic Field Representative:**
Speciality Contractor: ☐ Earth ☐ Concrete ☐ Steel ☐ Other	**General Contractor:**
	General Contractor's Representative:

Contractor Equipment Observed in use:	**Plan and Specifications** By Date Plans & Specs (available)? Yes ☐ No ☐
Visitors: **Representing:** **Apr.** **Dpt.**	**Shop Drawings** Type App. By
Weather: Temp. (°F)	**Samples** Type Qty.
Forms Attached:	Photos ☐ Qty.
☐ Special/ Progress Inspection Category	

Construction Activities: *Indicate Activities Monitored*

Follow-up from Prior report: Yes ☐ No ☐ **Date of Prior Report:**

Non-Conformance Collected:

What, in particular, should be observed, checked, or tested during the next visit?

Notice

The field representative is on site solely to observe operations of the contractor identified, observe conformance with contract documents, and report those operations to the client. The presence and activities of the field representative does not relieve the contractor's obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods and sequences of construction.

☐ This DFR is Preliminary	This preliminary report is provided solely as evidence that field observation was performed. Observation and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those indicated in a preliminary report.
☐ This DFR is Final	A final report is the instrument of service. Any conclusions drawn from this report should be discussed with and evaluated by the owner's engineer.

Field Representative:	**Date:**
Reviewed By:	**Date:**

NYC DOB SPECIAL INSPECTION AGENCY # 106

ACCREDITED

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

G-01: Daily Field Report

Office Location

- 70 Pleasant Hill Road, Mountainville, NY 10953, P: (845) 534-5959 F: (845) 534-5999
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- 1279 Route 300, Newburgh, NY 12550, P: (845) 567-6656 F: (845) 567-8703
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- 6700 Old Collamer Road, Suite 104, East Syracuse, NY 13057, P: (315) 463-5020 F: (315) 463-5194

Project Name:		**Date:**	
Location:		**W.O.#:**	
Client:		**Tectonic Project Manager:**	
Owner:		**Tectonic Field Representative:**	

Construction Activities: *Indicate Activities Monitored* [CONTINUED]

☐ This DFR is Preliminary — This preliminary report is provided solely as evidence that field observation was performed. Observation and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those indicated in a preliminary report.

☐ This DFR is Final — A final report is the instrument of service. Any conclusions drawn from this report should be discussed with and evaluated by the owner's engineer.

Field Representative:	**Date:**
Reviewed By:	**Date:**

NYC DOB SPECIAL INSPECTION AGENCY # 106

ACCREDITED

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PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

G02-I: Non-Conformance Report

Office Locations

☐ 70 Pleasant Hill Road
Mountainville, NY 10953
P: (845) 534-5959 F: (845) 534-5999

☐ 29-16 40th Avenue
Long Island City, NY 11101
P: (718) 391-9200 F: (718) 391-0607

☐ 1344 Silas Deane Highway, Suite 500
Rocky Hill, CT 06067
P: (860) 563-2341 F: (860) 257-4882

☐ 280 Little Britain Road
Newburgh, NY 12550
P: (845) 563-9081 F: (845) 563-9085

☐ 36 British American Blvd. Suite 101
Latham, NY 12110
P: (518) 783-1630 F: (518) 783-1544

☐ 1279 Route 300
Newburgh, NY 12550
P: (845) 567-6656 F: (845) 567-8703

☐ 8639 Mayland Drive, Suite 102
Richmond, VA 23294
P: (804) 217-8504 F: (804) 270-0593

☐ Park 80 East, 160 Pehle Ave., St. 306
Saddle Brook, NJ 07663
P: (201) 843-0403 F: (201) 843-3074

Project Name:		W.O.#:	
Location:		Date:	

Project Manager:		Project Engineer:	

Non-conforming issues must be resolved before final acceptance.

NOTICE: The field representative is on site solely to observe operations of the contractor identified, observe conformance with contract documents, and report those operations to the client. The presence and activities of the field representative do not relieve the contractor's obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods and sequences of construction

Item No.	Work Code	Opened		Closed		Description
		Date	By	Date	By	

Who was informed of the above non-conformances:

Name	Affiliation	Notification Method	Notification Time

B= BACKFILL	FS= FIRESTOPS	M= MASONRY	SPF=SPRAY ON FOREPROOFING
C= CONCRETE	HSB= ERECTION & BOLTING	S=STEEL	SS=STRUCTURAL STABILITY
CDM= CONCRETE DESIGN MIX	HVAC	S= SUBGRADE	

Tectonic

MASONRY MORTAR AND GROUT INSPECTION & TEST REPORT

W.O. #: | Page of

REPORT #: | DATE:

PROJECT NAME:	LOCATION:
OWNER:	CLIENT:
TECTONIC PROJECT MANAGER:	TECTONIC REPRESENTATIVE:
CONTRACTOR:	CONTRACTOR REPRESENTATIVE:
SUB-CONTRACTOR:	SUB-CONTRACTOR REPRESENTATIVE:

MORTAR LOCATION IN STRUCTURE :

MORTAR / GROUT STRENGTH RANGE: (CHECK TYPE): ☐ TYPE O: 350-750 PSI ☐ TYPE N: 750-1800 PSI ☐ TYPE S: 1800- 2500 PSI ☐ TYPE M: 2500 PSI ☐ Grout_____

MATERIAL TYPE: ☐ MASONRY MORTAR ☐ GROUT

OTHER: (EXPLAIN) _____

TYPE OF MASONRY: ☐ BRICK POINTING (UNREINFORCED) ☐ BRICK STITCHING (REINFORCED) ☐ REINFORCED CMU ☐ BRICK STITCHING (UNREINFORCED) ☐ BRICK (SEISMIC) REINFORCED

VOLUMETRIC MIX : YES ☐ NO ☐

EXPLAIN: _____

CEMENT SUPPLIER: Portland

LIME SUPPLIER:

SAND SUPPLIER:

BATCH RATIO (IN PARTS) : ___ C : ___ L : ___ S / W

GROUT SUPPLIER _____ TYPE: ☐ FINE ☐ COARSE

MIX WITNESSED ☐ YES ☐ NO

REINFORCEMENT: ☐ BAR ☐ ANCHORS ☐ TIES ☐ CLIPS ☐ SIZE ☐ SPACING ☐ BOND BEAMS

TIME IN MIXER: _____ (IN MINUTES)

WATER ADDED: _____ (IN GALLONS)

GRADE OF REINFORCING STEEL (TSI): ☐ 40 ☐ 60 ☐ OTHER: _____

AIR TEMPERATURE. (°F):

MATERIALS STORED PROPERLY FOR WEATHER: ☐ YES ☐ NO

WATER TEMP. (°F):

COMPLETED WORK COVERED: ☐ YES ☐ NO

MORTAR OR GROUT TEMPERATURE. (°F):

APPROVED PLANS/SPECIFICATIONS ON SITE: ☐ YES ☐ NO

GROUT SLUMP ("):

Self Consolidated Grout SCG Spread ("):

ASTM COLD WEATHER RULES: ☐ YES ☐ NO

VSI Rating	Properties	Stability
0	No Bleed Water, No Material Segregation	Stable
1	Slight Bleed Water, No Material Segregation	
2	Bleed Water Present, Slight Material Segregation	Unstable
3	Significant Bleed Water, Material Segregation	

MATERIALS HEATED: YES ☐ NO ☐ IF YES: ☐ Water ☐ SAND ☐ BOTH

SAMPLE TYPE: ☐ 2 X 4 CYLINDERS ☐ GROUT BLOCKS ☐ OTHER

EXPLAIN OTHER: _____

NUMBER OF **SAMPLES** PER **SET** ____ (A). **THIS** IS **SET** NO. ____

OF_____ (B) **TOTAL SETS** IN THIS POUR;

TOTAL SAMPLES THIS POUR **(A X B =)** _____.

SCHEDULED TESTING: ___ AT 7 DAYS ___ AT ___ DAYS ___ AT 28 DAYS ___ AT ___ DAYS ___ HOLD

SAMPLE VOICE MAILBOX CALLED: ☐ YES ☐ NO

TRIAL MIX RATIOS USED FOR FINAL MORTAR: ☐ YES ☐ NO

PRECONSTRUCTION MORTAR EVALUATION : ☐ YES ☐ NO

PRISMS REQUIRED: ☐ YES ☐ NO

MASONRY UNIT 10H/10J FORMS ON FILE: ☐ YES ☐ NO

WHAT IS SPEC JOINT RAKE OUT DEPTH?: _____ INCHES

MORTAR JOINTS RAKED TO SPEC. DEPTH: ☐ YES ☐ NO

INSULATION INSTALLED: ☐ YES ☐ NOT REQUIRED

FLASHING INSTALLED: ☐ YES ☐ NO GAUGE: _____

MATERIAL AS PER SPEC: ☐ YES ☐ NO

REMARKS

PROJECT PUNCH LIST ITEMS NOTED: ☐ YES ☐ NO

IF **YES**, ATTACH PUNCH LIST FORM & SPECIFY, BELOW, NAME OF INDIVIDUAL NOTIFIED: _____

NYC DOB SPECIAL INSPECTION AGENCY # 106

ACCREDITED

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

SIF-05.01: Welding Inspection Report

Office Location

- 70 Pleasant Hill Road, Mountainville, NY 10953, P: (845) 534-5959 F: (845) 534-5999
- 29-24 40th Avenue, Long Island City, NY 11101, P: (718) 784-0550 F: (718) 784-0558
- 1344 Silas Deane Highway, Suite 500, Rocky Hill, CT 06067, P: (860) 563-2341 F: (860) 257-4882
- 280 Little Britain Road, Newburgh, NY 12550, P: (845) 563-9081 F: (845) 563-9085
- 36 British American Blvd. Suite 101, Latham, NY 12110, P: (518) 783-1630 F: (518) 783-1544
- 1279 Route 300, Newburgh, NY 12550, P: (845) 567-6656 F: (845) 567-8703
- 8639 Mayland Drive, Suite 102, Richmond, VA 23294, P: (804) 217-8504 F: (804) 270-0593
- 6700 Old Collamer Road, Suite 104, East Syracuse, NY 13057, P: (315) 463-5020 F: (315) 463-5194

Project Name:		CAPIS:		Date:	W.O.#:
Location:		☐ Field ☐ Shop		Report No.:	Temp. (°F):

Client:	Contractor/Erector & Representative:

Welder's Name	Process	License Type/ No.	Welder's Name	Process	License Type/ No.

WPS available? ☐ Yes ☐ No	WPS#	Specification/ Code:	
Material Type:	Thickness:	Drawing Reference:	
Joint Type: ☐ Fillet ☐ Flare ☐ Corner ☐ PJP ☐ Butt ☐ T-Joint ☐ Plug ☐ CJP		Joint Designation	Type of Welding Work ☐ Structural ☐ MIS ☐ Piping
Welding Process:		Electrode:	

No.	Location/ Part #	Description	Accepted (A) or Rejected (R)

Special Notes:

Inspector's Name:	☐ CWI ☐ ICC SI License #	Signature

NYC DOB SPECIAL INSPECTION AGENCY # 106

ACCREDITED

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

SIF-06.04: High Strength Bolting Inspection Report

Office Location

- 70 Pleasant Hill Road, Mountainville, NY 10953, P: (845) 534-5959 F: (845) 534-5999
- 29-24 40th Avenue, Long Island City, NY 11101, P: (718) 784-0550 F: (718) 784-0558
- 1344 Silas Deane Highway, Suite 500, Rocky Hill, CT 06067, P: (860) 563-2341 F: (860) 257-4882
- 280 Little Britain Road, Newburgh, NY 12550, P: (845) 563-9081 F: (845) 563-9085
- 36 British American Blvd. Suite 101, Latham, NY 12110, P: (518) 783-1630 F: (518) 783-1544
- 1279 Route 300, Newburgh, NY 12550, P: (845) 567-6656 F: (845) 567-8703
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- 6700 Old Collamer Road, Suite 104, East Syracuse, NY 13057, P: (315) 463-5020 F: (315) 463-5194

Project Name:		CAPIS:	Date:
Location:		☐ Field ☐ Shop	Report No.:
			W.O.#:
			Temp. (°F):

Client:

Contractor/ Erector & Representative:

Bolt Grade:	Type	Diameter	Reqd. Tension	Manufact.
A325				
A490				

Drawing:

Connection Type: ☐ Snug Tight ☐ Pretensioned ☐ Slip Critical ☐ Other

Pretension Methods:

☐ Tension Control (Twist-Off) ☐ Turn of Nut ☐ Match Marked ☐ Not Match Marked

☐ Direct Tension Indicator (DTI) ☐ Calibrated Wrench ☐ Wrench Type ☐ Setting

Condition and Storage of high Strenght Bolts	☐ Acceptable	☐ Not Acceptable	Reason		
Pre-Installation Verification	☐ Yes	☐ No	Daily Calibration:	☐ Yes ☐ No	☐ N/A
Snug Tight and Pretensioning Following Procedure:	☐ Yes	☐ No	☐ Not Witnessed		
Thread Engagement:	☐ Accepted	☐ Not Accepted	Washers Install:	☐ Accepted	☐ Not Accepted

Location/ Floor Inspected	Remarks	Accepted or Punchlisted
		Punchlisted
		Punchlisted
		Punchlisted
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		Punchlisted
		Punchlisted

Special Notes:

Inspector's Name:	ICC Bolting License #	Signature

NYC DOB SPECIAL INSPECTION AGENCY # 106

ACCREDITED

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

SIF-08.01:Concrete Inspection Pre-Pour Release

Office Location

☐ 70 Pleasant Hill Road Mountainville, NY 10953 P: (845) 534-5959 F: (845) 534-5999	☐ 29-16 40th Avenue Long Island City, NY 11101 P: (718) 391-9200 F: (718) 391-0607	☐ 1344 Silas Deane Highway, Suite 500 Rocky Hill, CT 06067 P: (860) 563-2341 F: (860) 257-4882	☑ 280 Little Britain Road Newburgh, NY 12550 P: (845) 563-9081 F: (845) 563-9085
☐ 36 British American Blvd. Suite 101 Latham, NY 12110 P: (518) 783-1630 F: (518) 783-1544	☐ 1279 Route 300 Newburgh, NY 12550 P: (845) 567-6656 F: (845) 567-8703	☐ 8639 Mayland Drive, Suite 102 Richmond, VA 23294 P: (804) 217-8504 F: (804) 270-0593	☐ 6700 Old Collamer Road, Suite 104 East Syracuse, NY 13057 P: (315) 463-5020 F: (315) 463-5194

Project Name:		**Date:**	**W.O.#:**
Location:		**Time:**	**Report No.:**

Client:	**Tectonic Field Representative:**
General Contractor:	**Superintendent:**
Subcontractor:	**Foreman:**
Feature to be Cast:	**Location in Structure:**
Applicable Drawings:	

SUBGRADE ☐ Not Applicable

Previously Inspected By: ☐ Tectonic ☐ Others _____ ☐ To Be Determined

REINFORCING USED

☐ Bars ☐ Mesh

☐ Fibers ☐ None

ITEM INSPECTED

☐ Type or Grade	☐ Bend Details
☐ Size	☐ Lap Splices
☐ Spacing	☐ Stirrup & Tie Spacing
☐ Location & Extent	☐ Form Clearance
☐ Supports	☐ Additional Bars at Openings

SURFACE CONDITION _____

	Acceptable	Not Acceptable	Not Inspected	Not Applicable
Reinforcing Materials				
Reinforcing Placement				
Formwork Materials				
Formwork Placement				
Location				
Coating				
Shoring & Bracing				
Placement of Embedded Items				
Sleeves				
Anchor Bolts				
Piping & Conduits				

Remarks:

Field Representative:

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

SIF 08.02: Concrete Cast In Place Daily Log

☐ 29-16 40th Avenue, Long Island City, NY 11101 (NYC Lab #73) P: (718) 391-9200

☐ 280 Little Britain Road, Newburgh, NY 12550 (NYC Lab #46) P: (845) 563-9081

Project Name:	Project Location:		Contract No:
Batch Plant:	Method of Placement:	Mix Design PSI:	W.O.#
Batch Plant Inspection Company:	Batch Plant Inspector:		Placement Date:

Confirmed CBPI Arrival:	☐ YES	☐ NO	Punch List:	☐ NO		CFI	Time [Start] / Time [End]
Confirmed CPM Arrival:	☐ YES	☐ NO	(Remarks Required)	☐ YES			

Weather	Temp [AM]	Temp [PM]

Mix Design Requirements:	ASTM C-143 Slump (in):	Slump Tolerance:	ASTM C-138 Unit Wt (pcf):	Unit Weight Tolerance:	Air Content: ☐ ASTM C-231 (Pressure) ☐ ASTM C-173 (Volume)	Air Content (%):	Air Content Tolerance:	Total Water (gal/cy):	W/C Ratio (lb/lb):

Load No.	Truck No.	Ticket No.	Batch Time	Site Arrival Time	Mix Start	Mix End	Discharge Start	Discharge End	Total Time (min)	Site SuperP (oz)	Water Batch (gal/cy)	Water Site Added (gal)	Water Total (gal/cy)	W/C Ratio	Conc. Temp. (F)	Initial/ Final Slump (in)	Unit Wt. (pcf)	Air (%)	Cyl. Qty.	Cylinder Set Code	CY Batched	CY Placed	CY Wasted	Remarks/ Placement Location Details

Admixture Used:	Material Type: ☐ Concrete ☐ Mortar ☐ Grout ☐ Other: _____	Sheet Totals			
Placed By: ☐ Hopper/Buggy ☐ Chute ☐ Pump ☐ Termie ☐ Other: _____	Sample Type: ☐ 2X2 Cubes ☐ 4X8 Cyl ☐ 2X4 Cyl ☐ 6X12 Cyl ☐ Grout Blocks ☐ 3X6 Cyl Other: _____	Placement Summary			Complete on 1st Page of CIP When Multiple Sheets Per Placement

I DO HEREBY CERTIFY THAT I HAVE WITNESSED INSPECTION OF THE ABOVE MATERIALS, AND, TO THE BEST OF MY KNOWLEDGE, THEY ARE CORRECT.

Inspector Name (Print)	ACI #	ACI Expiration Date	Inspector Signature	Date

NYC DOB SPECIAL INSPECTION AGENCY # 106

ACCREDITED

SIF17: Soil Fill Placement & In-Place Density (ASTM D6938)

Office Location

- 70 Pleasant Hill Road, Mountainville, NY 10953, P: (845) 534-5959, F: (845) 534-5999
- 29-24 40th Avenue, Long Island City, NY 11101, P: (718) 784-0550, F: (718) 784-0558
- 1344 Silas Deane Highway, Suite 500, Rocky Hill, CT 06067, P: (860) 563-2341, F: (860) 257-4882
- 280 Little Britain Road, Newburgh, NY 12550, P: (845) 563-9081, F: (845) 563-9085
- 36 British American Blvd. Suite 101, Latham, NY 12110, P: (518) 783-1630, F: (518) 783-1544
- 1279 Route 300, Newburgh, NY 12550, P: (845) 567-6656, F: (845) 567-8703
- 8639 Mayland Drive, Suite 102, Richmond, VA 23294, P: (804) 217-8504, F: (804) 270-0593
- 6700 Old Collamer Road, Suite 104, East Syracuse, NY 13057, P: (315) 463-5020, F: (315) 463-5194

Project Name:	Field Test Method:	Date:	Page: of
Location:		W.O.#:	Report No.

Client:	Weather	BRITE SUN	CLEAR	OVERCAST	RAIN	SNOW
Contractor:	Temp. (^{0}F)	<32	32-50	50-70	70-85	>85
Contractor's Representative:	Wind	STILL	MODERATE	HIGH		
Tectonic's Representative:	Humidity	DRY	MODERATE	HUMID		

Soil ID No.	Description of Soil or Fill	Source of Fill	Optimum Moisture %	Max Dry Density (pcf)	Lab Test Method	Required Compaction %

Test No.	Soil ID used	Test Location	Elevation/ Depth	Test Mode	Depth of Source Rod	% Moisture (Note 1)	Test Wet Density (pcf)	Test Dry Density (lbs./cu.ft.)	% of Max Dry Density	Pass/Fail

Remarks:

Nuclear Guage	
Serial No.	
Make & Model:	
Test Modes:	
Method A - Direct Transmission	
Method B - Backscatter	
Standardization Data:	
MS	
DS	

Note: NYCBC 1804.2.2.5: fill shall be placed and compacted in lifts, not exceeding 12 inches, at its optimum moisture content ±2%, and not less than a density of 95% of the optimum density as determined by ASTM D1557.

Copy to:	Prepared by:	Date:

NYC DOB SPECIAL INSPECTION AGENCY # 106

ACCREDITED

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

SIF17: Soil Fill Placement & In-Place Density (ASTM D6938)

Office Location

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- 8639 Mayland Drive, Suite 102, Richmond, VA 23294, P: (804) 217-8504, F: (804) 270-0593
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Project Name:	Field Test Method:	Date:	Page: of
Location:		W.O.#:	Report No.

Client:	Weather	BRITE SUN	CLEAR	OVERCAST	RAIN	SNOW
Contractor:	Temp. (^{0}F)	<32	32-50	50-70	70-85	>85
Contractor's Representative:	Wind	STILL	MODERATE	HIGH		
Tectonic's Representative:	Humidity	DRY	MODERATE	HUMID		

Sketch of Test Location

Copy to:	Prepared by:	Date:

Tectonic

SPDES EXECUTIVE SUMMARY

W.O.NO.:	PAGE: 1 OF
REPORT NO.:	DATE:

☐ 70 Pleasant Hill Road, Mountainville, NY 10953, Phone: (845) 534-5959, Fax: (845) 534-5635

☐ 36 British American Blvd, Latham, NY 12110, P: (518) 783-1630, F: (518) 783-1544

☐ 1344 Silas Deane Highway, Suite 500, Rocky Hill, CT 06067, P: (860) 563-2341, F: (860) 257-4882

☐ 280 Little Britain Rd, Bldg. 2, Newburgh, NY 12550, Phone: (845) 563-9081, Fax: (845) 563-9085

■ 1279 Route 300, Newburgh, NY 12550, Phone: (845) 567-6656, Fax: (845) 567-8703

☐ 24-37 46th Street, Astoria, NY 11103, Phone- 784-0550, Fax- 718-784-0558

CLIENT:			PROJECT NAME:
TECTONIC PROJECT MANAGER:	TECTONIC INSPECTOR:	INSPECTOR QUALIFICATIONS:	LOCATION:
GENERAL CONTRACTOR:	GENERAL CONTRACTOR'S REPRESENTATIVE:		OWNER:
GENERAL CONTRACTOR'S TRAINED INDIVIDUAL:	TRAINED INDIVIDUALS'S QUALIFICATIONS:		PHOTOS QTY
TIME ON SITE:	WEATHER & SOIL CONDITION:	TEMP. (° F):	SPDES Permit No:
SWPPP: By: DATE:		PLANS: BY: DATE:	

EXECUTIVE SUMMARY: INDICATE GENERAL ACTIVITIES AND SITE CONDITIONS DURING INSPECTION AND REFERENCE PUNCH LIST ITEM NUMBERS FOR ALL ACTION ITEMS

FORMS ATTACHED:

■ SITE PLAN MARKUP ■ WEEKLY INSPECTION REPORT ■ PUNCH LIST ■ NYSDEC INSPECTION CHECKLIST ☐ DISTURBANCE STATUS MARKUP

☐ OTHER:_____

FOLLOW-UP FROM PRIOR REPORT ☐ YES ☐ NO DATE OF PRIOR REPORT

NON-CONFORMANCE CORRECTED:

WHAT, IN PARTICULAR, SHOULD BE OBSERVED, CHECKED, OR TESTED DURING THE NEXT VISIT?

NOTICE

The field representative is on the site solely to observe operations of the contractor identified, observe conformance with contract document, and report those operations to the client. The presence and activities of the field representative do not relieve the contractor's obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods and sequences of construction.

■ THIS SPDES REPORT IS PRELIMINARY

This preliminary report is provided solely as evidence that field observation was performed. Observation and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those indicated in a preliminary report.

☐ THIS SPDES INSPECTION REPORT IS FINAL

A final report is the instrument of service. Any conclusions drawn from this report should be discussed with and evaluated by the owner's engineer.

INSPECTOR'S SIGNATURE: DATE:

REVIEWER SIGNATURE: DATE:

Tectonic	SPDES INSPECTION REPORT	W.O. NO.:	PAGE 2 OF
		REPORT NO.:	DATE:

Part a - Site Inspection	Y	N	Notes and Descriptions
1. Are there signs of pollution leaving site?			
2. Are discharge points and receiving waters free of sediment deposits?			
3. Are all structural Stormwater Management Practices (SMPs) working properly?			
4. Are all slopes and disturbed areas not actively being worked properly stabilized?			
5. Are natural resource areas (e.g., streams, wetlands, mature trees, etc.) protected with barriers or similar SMPs?			
6. Are all structural SMPs in good condition?			
7. Are additional SMPs needed?			
8. Is the construction permit notice posted?			Posted on the board on the left of the entrance to the main room of the site trailer.
9. Changes necessary to the SWPPP?			
10.Has site plan been completed as per SPDES permit requirements?			

Part b - Hazardous Materials	Y	N	N/A	Notes
1. Are there any signs of hazardous materials being exposed to stormwater runoff?				
2. Are washout facilities (e.g., paint, stucco, concrete) available, clearly marked, and maintained?				
3. Are equipment fueling, cleaning & maintenance areas free of spills, leaks, or any other deleterious material?				
4. Are materials that are potential stormwater contaminants stored inside or under cover?				
5. Have there been any reportable quantities releases of hazardous materials?				
6. Was the NYSDEC Spills Hotline notified?				
7. Was the SWPPP modified to include:				
a. Date of Release				
b. Circumstances leading to release				
c. Steps taken to prevent reoccurrence				

Part c - Rain Effects	Y	N	N/A	Notes
1. Are there any signs of significant amounts of mud in the street or outfalls from the rain event?				
2. Are there any erosion control structures (BMPs) damaged or overwhelmed by the rain event?				
3. Are there signs of new ruts, gullies, rills or other damage from the rain event?				
4. Are there any conditions that need immediate attention?				

Tectonic	PUNCH LIST	W.O. NO.:	PAGE: 3 OF
		START DATE:	LAST UPDATED:

Item No.	Opened Date	Opened By	Closed Date	Closed By	Description

Tectonic	SWPPP CONSTRUCTION DURATION INSPECTIONS	W.O. NO.:	PAGE 4 OF
		REPORT NO.:	DATE:
		PROJECT NAME:	

a. Directions:

Inspection Forms will be filled out during the entire construction phase of the project.
Required Elements:

(1) On a site map, indicate the extent of all disturbed site areas and drainage pathways. Indicate site areas that are expected to undergo initial disturbance or significant site work within the next 14-day period;

(2) Indicate on a site map all areas of the site that have undergone temporary or permanent stabilization;

(3) Indicate all disturbed site areas that have not undergone active site work during the previous 14-day period;

(4) Inspect all sediment control practices and record the approximate degree of sediment accumulation as a percentage of sediment storage volume (for example, 10 percent, 20 percent, 50 percent);

(5) Inspect all erosion and sediment control practices and record all maintenance requirements such as verifying the integrity of barrier or diversion systems (earthen berms or silt fencing) and containment systems (sediment basins and sediment traps). Identify any evidence of rill or gully erosion occurring on slopes and any loss of stabilizing vegetation or seeding/mulching. Document any excessive deposition of sediment or ponding water along barrier or diversion systems. Record the depth of sediment within containment structures, any erosion near outlet and overflow structures, and verify the ability of rock filters around perforated riser pipes to pass water; and

(6) Immediately report to the Operator any deficiencies that are identified with the implementation of the SWPPP.

SEE THE ATTACHED SITE PLAN/SKETCH

Inspector (print name) _____ Date of Inspection _____

Qualified Professional (print name) _____ Qualified Professional Signature _____

The above signed acknowledges that, to the best of his/her knowledge, all information provided on the forms is accurate and complete.

Tectonic	SWPPP CONSTRUCTION DURATION INSPECTIONS	W.O. NO.:	PAGE 5 OF
		REPORT NO.:	DATE:
		PROJECT NAME:	

Maintaining Water Quality

Yes	No	NA	
☐	☐	☐	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
☐	☐	☐	Is there residue from oil and floating substances, visible oil film, or globules or grease?
☐	☐	☐	All disturbance is within the limits of the approved plans.
☐	☐	☐	Have receiving lake/bay, stream, and/or wetland been impacted by silt from project?

Housekeeping

1. General Site Conditions

Yes	No	NA	
☐	☐	☐	Is construction site litter and debris appropriately managed?
☐	☐	☐	Are facilities and equipment necessary for implemtation of erosion and sediment control in working order and/or properly maintained?
☐	☐	☐	Is construction impacting the adjacent property?
☐	☐	☐	Is dust adequately controlled?

2. Temporary Stream Crossing

Yes	No	NA	
☐	☐	☐	Maximum diameter pipes necessary to span creek without dredging are installed.
☐	☐	☐	Installed non-woven geotextile fabric beneath approaches.
☐	☐	☐	Is fill composed of aggregate (no earth or soil)?
☐	☐	☐	Rock on approaches is clean enough to remove mud from vehicles & prevent sediment from entering stream during high flow.

Runoff Control Practices

1. Excavation Dewatering

Yes	No	NA	
☐	☐	☐	Upstream and downstream berms (sandbags, inflatable dams, etc.) are installed per plan.
☐	☐	☐	Clean water from upstream pool is being pumped to the downstream pool.
☐	☐	☐	Sediment laden water from work area is being discharged to a silt-trapping device.
☐	☐	☐	Constructed upstream berm with one-foot minimum freeboard.

2. Level Spreader

Yes	No	NA	
☐	☐	☐	Installed per plan.
☐	☐	☐	Constructed on undisturbed soil, not on fill, receiving only clear, non-sediment laden flow.
☐	☐	☐	Flow sheets out of level spreader without erosion on downstream edge

3. Interceptor Dikes and Swales

Yes	No	NA	
☐	☐	☐	Installed per plan with minimum side slopes 2H:1V or flatter.
☐	☐	☐	Stabilized by geotextile fabric, seed, or mulch with no erosion occurring.
☐	☐	☐	Sediment-laden runoff directed to sediment trapping structure

4. Stone Check Dam

Yes	No	NA	
☐	☐	☐	Is channel stable? Flow is not eroding soil underneath or around the structure.
☐	☐	☐	Check is in good condition (rocks in place and no permanent pools behind the structure).
☐	☐	☐	Has accumulated sediment been removed?

Runoff Control Practices (continued)

5. Rock Outlet Protection

Yes	No	NA	
☐	☐	☐	Installed per plan.
☐	☐	☐	Installed concurrently with pipe installation

Soil Stabilization

1. Topsoil and Spoil Stockpiles

Yes	No	NA	
☐	☐	☐	Stockpiles are stabilized with vegetation and/or mulch.
☐	☐	☐	Sediment control is installed at the toe of the slope.

2. Revegetation

Yes	No	NA	
☐	☐	☐	Temporary seedings and mulch have been applied to idle areas.
☐	☐	☐	4 inches minimum of topsoil has been applied under permanent seedings

Sediment Control

1. Stabilized Construction Entrance

Yes	No	NA	
☐	☐	☐	Stone is clean enough to effectively remove mud from vehicles.
☐	☐	☐	Installed per standards and specifications?
☐	☐	☐	Does all traffic use the stabilized entrance to enter and leave site?
☐	☐	☐	Is adequate drainage provided to prevent ponding at entrance?

2. Silt Fence

Yes	No	NA	
☐	☐	☐	Installed on Contour, 10 feet from toe of slope (not across conveyance channels).
☐	☐	☐	Joints constructed by wrapping the two ends together for continuous support.
☐	☐	☐	Fabric buried 6 inches minimum.
☐	☐	☐	Posts are stable, fabric is tight and without rips or frayed areas.

Sediment accumulation is ___% of design capacity.

3. Storm Drain Inlet Protection (Use for Stone & Block; Filter Fabric; Curb; or, Excavated practices)

Yes	No	NA	
☐	☐	☐	Installed concrete blocks lengthwise so open ends face outward, not upward.
☐	☐	☐	Placed wire screen between No. 3 crushed stone and concrete blocks.
☐	☐	☐	Drainage area is 1acre or less.
☐	☐	☐	Excavated area is more than 900 cubic feet.
☐	☐	☐	Excavated side slopes should be 2:1.
☐	☐	☐	2" x 4" frame is constructed and structurally sound.
☐	☐	☐	Posts 3-foot maximum spacing between posts.
☐	☐	☐	Fabric is embedded 1 to 1.5 feet below ground and secured to frame/posts with staples at max 8-inch spacing.
☐	☐	☐	Posts are stable, fabric is tight and without rips or frayed areas.

Sediment accumulation ___% of design capacity.

4. Temporary Sediment Trap

Yes	No	NA	
☐	☐	☐	Outlet structure is constructed per the approved plan or drawing.
☐	☐	☐	Geotextile fabric has been placed beneath rock fill.

Sediment accumulation is _____% of design capacity.

5. Temporary Sediment Basin

Yes	No	NA	
☐	☐	☐	Basin and outlet structure constructed per the approved plan.
☐	☐	☐	Basin side slopes are stabilized with seed/mulch.
☐	☐	☐	Drainage structure flushed and basin surface restored upon removal of sediment basin facility.

Sediment accumulation is ____% of design capacity.

Note: Not all erosion and sediment control practices are included in this listing. Add additional pages to this list as required by site-specific design.
Construction inspection checklists for post-development stormwater management practices can be found in Appendix F of the New York Stormwater Management Design Manual.

b. Modifications to the SWPPP (To be completed as described below)

The Operator shall amend the SWPPP whenever:

1. There is a significant change in design, construction, operation, or maintenance which may have a significant effect on the potential for the discharge of pollutants to the waters of the United States and which has not otherwise been addressed in the SWPPP; or
2. The SWPPP proves to be ineffective in:

a. Eliminating or significantly minimizing pollutants from sources identified in the SWPPP and as required by this permit; or
b. Achieving the general objectives of controlling pollutants in stormwater discharges from permitted construction activity; and

3. Additionally, the SWPPP shall be amended to identify any new contractor or subcontractor that will implement any measure of the SWPPP.

Modification & Reason:

8.0 GENERAL TERMS & CONDITIONS / WORK AUTHORIZATION FORM

TECTONIC ENGINEERING CONSULTANTS, GEOLOGISTS & LAND SURVEYORS, D.P.C.
GENERAL TERMS AND CONDITIONS OF AGREEMENT

The engagement of Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C. (TECTONIC) by CLIENT is under the following terms and conditions, which are an integral part of the collective Agreement between CLIENT and TECTONIC.

1.0 GENERAL

1. The fee estimate for the services to be provided is valid for 60 days from the date of Proposal. Upon authorization to proceed, the fee estimate unit rates shall remain in effect for a period of one (1) year.

2. Payment to TECTONIC is the sole responsibility of the CLIENT who has executed this Agreement and is not subject to third party agreements. By accepting this proposal, the CLIENT represents and acknowledges that funding has been secured and that adequate funding will remain available to pay all TECTONIC's invoices within 30 days of date of invoice through final payment.

3. All schedules required to perform the services shall commence upon receipt of a signed Agreement and, if requested, a retainer. All retainer amounts will be applied to the final invoice.

4. Requests for additional services must be authorized by CLIENT in writing before additional services can begin. Any fee adjustment required shall be established at that time. Directives from CLIENT that change TECTONIC's scope of services or increase fees must also be provided by written notice. For avoidance of doubt, e-mail will constitute written notice.

5. All drawings, specifications, reports, computations, survey notes, electronic files, and other original documents as instruments of service are and shall remain the property of TECTONIC unless otherwise provided by law or noted above. In consideration for this Agreement, TECTONIC grants CLIENT a non-exclusive license to use the instruments of service in connection with this Project. TECTONIC may elect, if it does not receive full payment of its invoices, to terminate this Agreement and/or revoke CLIENT's license to use the instruments of service. CLIENT shall not use such items on other projects without TECTONIC's prior written consent. TECTONIC shall not release CLIENT's data without authorization. CLIENT agrees to indemnify and hold harmless, Tectonic, its officers, directors, employees, agents and sub-consultants against all damages, liabilities, or cost, including reasonable attorneys' fees and defense costs, arising from any use or modification of the instruments of service without TECTONIC's involvement or and use on other projects without prior written consent of TECTONIC.

6. Changes requested by CLIENT (i) in the Schematic Design, Design Development, or Construction Documents after each respective phase has been completed and approved by CLIENT; or (ii) that are inconsistent with CLIENT's program after the Schematic Design Phase will be considered an Additional Service.

7. Any delay, default, or termination in or of the performance of any obligation of TECTONIC under this Agreement caused directly or indirectly by any cause beyond TECTONIC's reasonable control, including but not limited to strikes, accidents, acts of God, epidemics, pandemics, mandated quarantines, shortage or unavailability of labor, materials, power or transportation through normal commercial channels, failure of CLIENT or CLIENT's agents to furnish information or to approve or disapprove TECTONIC's work promptly, late, slow or faulty performance by CLIENT, other contractors or governmental agencies, the performance of whose work is precedent to or concurrent with the performance of TECTONIC's work, or any other acts of the CLIENT of any other Federal, State or Local Government agency, or any other cause beyond TECTONIC's reasonable control, shall not be deemed a breach of this Agreement. The occurrence of any such event shall suspend the obligations of TECTONIC as long as performance is delayed or prevented thereby, and the fees due thereunder shall be equitably increased.

8. The obligation to provide further services under this Agreement may be terminated by either party upon seven (7) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. In the event of any termination, TECTONIC shall be paid for all services rendered to the date of termination, as well as for all reimbursable expenses and termination expenses and any other costs which could not reasonably have been avoided and for which TECTONIC is not otherwise compensated.

9. It is understood that the services to be provided are based on the information provided by CLIENT. CLIENT will provide all relevant and applicable information, requirements, and surveys for the Project in CLIENT's possession or reasonably accessible to CLIENT at no additional cost, including program information describing CLIENT's objectives, schedule, constraints and criteria, space requirements and relationships, flexibility, expandability, special equipment, systems, and site requirements, and budget. TECTONIC shall be entitled to rely upon the accuracy and completeness of all such information provided by the CLIENT. If this information is incomplete or inaccurate, or if unexpected site conditions are discovered, or if additional services are required, the scope of work may change even as the work is in progress. TECTONIC shall make reasonable effort to contact the CLIENT when a change in the scope of work appears necessary, and the CLIENT, by agreeing to the change, also recognizes that the estimate of cost or contract amount may also change.

10. Unless otherwise agreed in writing, CLIENT will furnish TECTONIC with right-of-way access to the site in order to conduct the planned exploration or field services. TECTONIC shall take reasonable precautions to minimize damage to the site due to its operations but has not included in the fee the cost of restoration of any damage resulting from the field services. If CLIENT desires, TECTONIC will restore any damage to the site and add the cost of restoration to the fee.

11. CLIENT shall make prompt and timely decisions regarding design, budget, consultant retention (if applicable) and other issues that may affect TECTONIC's ability to perform and complete its services on schedule. CLIENT shall provide prompt written notice to TECTONIC if it becomes aware of any fault or defect in the instruments of service or the Project.

12. During the term of this Agreement and for a period of two years thereafter, CLIENT and any subsidiary or affiliate company of CLIENT, and any company for which the CLIENT is an agent or has any interest in, shall not directly or indirectly solicit for employment, employ or engage the services of any person who is employed or, within 12 months of such solicitation, employment or engagement had been employed, directly by TECTONIC as a full- time employee, part-time employee or independent consultant.

13. CLIENT agrees not to use or permit any other person to use instruments of service prepared by TECTONIC which are not final, and which are not signed and sealed by the Engineer and/or Land Surveyor. CLIENT hereby waives any claim for liability against TECTONIC for such use.

14. CLIENT agrees to allow TECTONIC to utilize its name as a client, a general description of the project, and a description of the services performed for reference purposes. CLIENT further agrees to allow TECTONIC to photograph the project and to use those photographs for promotional purposes such as advertising, marketing materials, and/or website and social media content.

15. The laws of New York State shall govern the validity and interpretation of this Agreement without reference to principles of conflict of laws or choice of laws. The parties agree that the venue and jurisdiction for any disputes arising hereunder shall be in the courts of the County of New York, State of New York, or the United States District Court for the Southern District of New York. If any part of the Agreement be found invalid, it will not invalidate the remainder of the Agreement.

2.0 INVOICING AND PAYMENT

1. Invoices will be rendered monthly and become due and payable upon receipt. Any invoice outstanding for more than 30 days after date of invoice will be subject to a charge of 1.5 percent per month (18 percent annual interest rate). If client disagrees with any portion of an invoice, it shall notify Tectonic within 21 days of receipt of the invoice, or the invoice shall be deemed accepted. The entire invoice shall be paid in full without deduction, setoff or counterclaim, and CLIENT shall not retain or defer payment due to any alleged dispute with Tectonic. Any disputed amounts may result in a partial refund at a later date upon resolution of the item(s) in dispute.

2. Should it become necessary to utilize legal or other resources to collect any or all moneys rightfully due for services rendered under this Agreement, TECTONIC shall be entitled to full reimbursement of all such costs associated with collection of balances past due, including reasonable attorney's fees and court costs, as part of this Agreement.

3. Invoice payments must be kept current for the work to continue. CLIENT'S failure to make payments in accordance with this Agreement shall constitute substantial non-performance and a cause for suspension of services or termination by TECTONIC. If CLIENT fails to pay any invoice due to TECTONIC within 45 days of the date of the invoice, TECTONIC may, without waiving any other claim or right against CLIENT and without thereby incurring any direct or consequential liability to CLIENT, suspend services under this Agreement until TECTONIC has been paid in full all amounts due TECTONIC and/or any of its Consultants and Subcontractors for services, expenses and other related charges.

4. TECTONIC reserves the right to stop its services in this Agreement at any time, if payment of any invoice due to TECTONIC is not received within 45 days of the date of the invoice for services performed by TECTONIC on other parties' projects for which TECTONIC believes CLIENT is or may be a stakeholder with such other party. Stakeholder shall be defined as an affiliate, subsidiary, partner, shareholder, investor, or principal authorizing agent of the other party. If CLIENT represents that they are not a stakeholder with such other party, written documentation shall be provided within 3 days of TECTONIC's written request. Such documentation will make known CLIENT's complete ownership and attest to no stakeholder involvement that TECTONIC believes exists with such other party.

5. Invoicing for out-of-pocket expenses including, but not limited to, copying, renderings, travel, telephone, and overnight mailing shall be billed at cost.

3.0 INSURANCE, INDEMNITY AND LIMITATIONS OF PROFESSIONAL LIABILITY

1. TECTONIC agrees to carry the following insurance during the term of this Agreement: Workmen's Compensation, General Liability, Professional Liability and Comprehensive Automobile Liability. Certificates of insurance will be furnished upon execution of this Agreement. If CLIENT requires insurance coverage or limits in excess of TECTONIC's normal policies, and it is available, CLIENT agrees to reimburse TECTONIC for such additional expense.

2. To the fullest extent permitted by law, CLIENT shall at all times indemnify and hold harmless TECTONIC and its officers, agents, consultants and employees from and against claims, damages, losses, litigation, expenses, counsel fees, and compensation arising out of or resulting from any claims, damages, losses or expenses attributable to bodily injury, sickness, disease or death, property losses and/or economic damages sustained by or alleged to have been sustained by any person or entity, to the extent caused by negligent acts, omissions or negligence of CLIENT, its agents, employees, professional consultants, subcontractors or anyone whose acts they may be liable for in connection with this Agreement unless said loss was caused solely by TECTONIC's own negligence.

3. To the fullest extent permitted by law, the total liability, in the aggregate, of TECTONIC and its officers, directors, partners, employees, agents, and subconsultants, to CLIENT, and anyone claiming through or under CLIENT, for any claims, losses, costs, or damages whatsoever arising out of, resulting from or in any way relating to this Project or Contract, from any cause or causes, including but not limited to tort (including negligence and professional errors and omissions), strict liability, breach of contract, or breach of warranty shall not exceed the total compensation received by TECTONIC or $50,000, whichever is greater.

4. TECTONIC and CLIENT waive all consequential or special damages, including, but not limited to, loss of use, profits, revenue, business opportunity, or production, for claims, disputes, or other matters arising out of or relating to the Contract or the services provided by TECTONIC, regardless of whether such claim or dispute is based upon breach of contract, willful misconduct or negligent act or omission of either of them or their employees, agents, subconsultants, or other legal theory, even if the affected party has knowledge of the possibility of such damages. This mutual waiver shall survive termination or completion of this Contract.

5. TECTONIC shall not be responsible for failure to perform or for delays in the performance of work, which arise out of causes beyond the control of TECTONIC, including delinquent payment by CLIENT.

6. If the scope of services includes services related to applying for or seeking approval of governmental permits (e.g., zoning, planning, environmental, etc.), such services shall not constitute a representation or warranty that such permits will be approved. TECTONIC shall not be required to execute certificates, consents or reliance letters that would require knowledge, services or responsibilities beyond the scope of this Agreement, and shall not be required to sign any documents that would result in TECTONIC having to certify the existence of conditions whose existence TECTONIC cannot ascertain. Any certificate will state that it is based on the best of the TECTONIC's knowledge, information, and belief.

7. TECTONIC shall perform its services consistent with the professional skill and care ordinarily provided by engineers performing similar engineering services on projects of similar size, nature and complexity in the same geographic location as the project (the "Standard of Care"). Nothing herein or otherwise shall be construed to extend or exceed the Standard of Care or establish a fiduciary relationship between the parties. Regardless of any term herein or otherwise, TECTONIC makes no express or implied warranty of any kind as to its findings, recommendations, opinions, professional advice, or otherwise with respect to the Services.

8. TECTONIC employees or consultants may act as licensed, certified, or registered professionals (including but not limited to Professional Engineers, Professional Land Surveyors, Licensed Site Remediation Professionals, Environmental Professionals, and Certified Industrial Hygienists collectively referred to in this section as "TECTONIC Professionals") whose duties may include the rendering of independent professional opinions. CLIENT acknowledges that a federal, state, or local agency or other third party may audit or review the services of TECTONIC or other contractor/consultant(s), which audit/review may require additional services, even though TECTONIC and such TECTONIC Professionals have each performed such services in accordance with the Standard of Care set forth herein. CLIENT agrees that any supplemental requirements imposed on CLIENT constitute additional services and CLIENT agrees to compensate TECTONIC for all services performed in response to such an action and its requirements, at the rates set forth in the applicable Proposal, amendment or change order.

9. Any opinion or estimate prepared by TECTONIC of the probable construction cost of the project or any part thereof is not to be construed, nor is it intended, as, guarantee that proposals, bid or actual construction cost will not vary from TECTONIC's opinions or estimates of probable construction costs. Any cost related to re-design of the project subsequent to bidding to lower the project cost will be considered additional services for which TECTONIC will be entitled to additional compensation.

4.0 SUBSURFACE INVESTIGATIONS AND FIELD EXPLORATIONS

1. The appropriate underground utility mark-out service shall be contacted prior to performing any underground drilling, excavating, testing, etc. that are part of the scope of services in this Agreement to verify the location of existing utilities. CLIENT agrees to provide TECTONIC with the location of known or suspected underground utilities or subsurface structures not marked out by the mark-out service. TECTONIC shall not be responsible for damage to any undocumented or miss-located utilities, or subsurface structures; and for any impact this damage may cause.

2. TECTONIC shall not be responsible for the sampling or testing of hazardous materials unless specifically agreed to in the scope of services of this Agreement. Further, CLIENT shall notify TECTONIC as to the presence of any known or suspected hazardous materials on-site. Should unanticipated hazardous materials be encountered TECTONIC shall take immediate health and safety measures and notify CLIENT. Hazardous materials constitute a changed condition mandating a renegotiation of the scope of services and fees.

3. If the scope of services includes performance of soil borings by TECTONIC, it is understood that CLIENT will furnish TECTONIC with a diagram indicating the location of the site and the borings on that site, including plans and specifications pertinent to its services, unless preparation of said plan is part of TECTONIC's scope of service. TECTONIC reserves the right to deviate a reasonable distance from the specified boring location unless the right to deviate is specifically revoked by CLIENT in writing at the time the location diagram is supplied.

4. All samples of water, soil and rock will be discarded sixty (60) days after submission of the report unless CLIENT advises TECTONIC in writing to the contrary. Upon request, the samples will be delivered, and shipping charges will be collected.

5. TECTONIC shall not be responsible for obtaining permits for working in wetland or wetland buffers or as required by local agencies for access clearing, tree removal or grading. All costs and fees for permits, permit document preparation and implementation of erosion control measures, site stabilization and restoration shall be added to the costs and fees of this agreement unless specifically agreed to in the scope of services of this Agreement.

6. Costs for borings and excavation are based on non-prevailing wages unless specifically stated otherwise in proposal.

5.0 CONSTRUCTION SUPPORT SERVICES

1. The presence of TECTONIC's field representative shall be for the purpose of providing observation and field testing. Such services shall be performed by TECTONIC using that degree of care and skill ordinarily exercised under similar circumstances by reputable members of the profession practicing in this or similar locations. Neither the professional activities of TECTONIC, nor the presence of TECTONIC or its employees and sub- consultants at the site shall relieve any 3rd Party Contractor(s) for construction and any other entity of their obligations, duties and responsibilities including, but not limited to, construction means, methods, sequence, techniques and procedures necessary for performing, superintending or coordinating all portions of the work of construction in accordance with their respective contracts, any health or safety precautions required by any regulatory agencies, and all other applicable laws, rules, and regulations governing the project. TECTONIC and its personnel have no authority to exercise any control over any 3rd Party Contractor(s), or other entity or their employees in connection with their construction work or any health or safety precautions, programs, or enforcements. CLIENT agrees that any 3rd Party Contractor(s) for construction are solely responsible for job site safety and warrants this intent shall be made evident in CLIENT's agreement with any 3rd Party Contractor(s). CLIENT also agrees that the CLIENT, TECTONIC and TECTONIC's consultants shall be indemnified and shall be named as an additional insured under any 3rd Party Contractor(s)' general liability insurance policy. It is further understood and agreed that TECTONIC has no responsibility for job site safety pursuant to §§ 200, 240 and 241(6) of the New York Labor Law.

2. Before any hazardous or contaminated materials are removed from the site, CLIENT will sign manifests naming CLIENT as the generator of the waste (or, if CLIENT is not the generator, CLIENT will arrange for the generator to sign). CLIENT will select the treatment or disposal facility to which any waste is taken. TECTONIC will not be the generator or owner of, nor will it possess, take title to, or assume legal liability for, any hazardous or contaminated materials at or removed from the site. TECTONIC will not have responsibility for or control of the site or of operations or activities at the site other than its own. TECTONIC will not undertake, arrange for or control the handling, treatment, storage, removal, shipment, transportation or disposal of any hazardous or contaminated materials at or removed from the site, other than any laboratory samples it collects or tests. CLIENT agrees to defend, indemnify, and hold TECTONIC harmless for any costs or liability incurred by TECTONIC in defense of or in payment for any legal actions in which it is alleged that TECTONIC is the owner, generator, transporter, treater, storer or disposer of hazardous waste.

3. To the fullest extent permitted by law and to the extent claims, damages, losses or expenses are not covered by liability insurance purchased by any 3rd Party Contractor(s) in accordance with paragraph 2 of Section 5.0, CLIENT shall indemnify and hold harmless TECTONIC, TECTONIC's consultants, and agents and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorney' fees, arising out of or resulting from performance of any 3rd Party Contractor(s)' construction work, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, but only to the extent caused by the negligent acts or omissions of any 3rd Party Contractor(s), a subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such a claim, damage, loss or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity which would otherwise exist as to a party or person described in this paragraph.

4. Unless specifically stated in the Scope of Services TECTONIC shall not be responsible for measuring, determining or verifying quantities of the constructed items of work.

5. CLIENT agrees to supply TECTONIC with specifications, plans and other necessary materials for the project pertinent to providing its services.

6.0 DISPUTE RESOLUTION

1. Any claim, dispute or other matter in question arising out of or related to this Agreement shall be subject to non-binding mediation as a condition precedent to the institution of legal proceedings by either party. If the matter is not resolved through mediation, it shall be resolved through litigation in a court of competent jurisdiction in New York State. The parties voluntarily and irrevocably waive their respective right to a trial by jury.

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

WORK AUTHORIZATION AND PROPOSAL ACCEPTANCE FORM

Proposal No: 23-0380 Date: 4/3/23 Retainer Amount Required: NA

Project Name & Location: **Wallkill Central School District – Capital Projects; Wallkill, NY**

Proposed Services: **Special Inspection & Materials Testing Services / SWPPP**

Proposal Acceptance

Acceptance(Signature): Date:

Printed Name: Title:

Company or Organization Name:

Client Contact Information

All of the following information about the person responsible for the identified tasks must be provided prior to starting work.

Scheduling Work and Receipt of Deliverables	Name:	Phone:	Email:
	Address:		
Receipt of Invoices(Original)	Name:	Phone:	Email:
	Address:		
Receipt of Invoices (Copies)	Name:	Phone:	Email:
	Address:		
Issuing Payments of Invoices	Name:	Phone:	Email:
	Address:		

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