

PROFESSIONAL SERVICES AGREEMENT
Manasquan School District – Lower Field Athletic Facility Improvements

THIS AGREEMENT, made as of this _____ day of _____, 2017, by and between

MANASQUAN BOARD OF EDUCATION,
a public corporation of the State of New Jersey, with offices at:
169 Broad Street, Manasquan, New Jersey 08736

Hereinafter called "CLIENT"

AND

SUBURBAN CONSULTING ENGINEERS, INC., with offices at:
2430 Highway 34, Building A, Wall, New Jersey 08736

hereinafter called "CONSULTANT"

WITNESSETH:

WHEREAS, the Client desires to have professional engineering services in connection with the Lower Field Improvement Project and is willing to perform such, the Client and Consultant agree as follows:

1. **Services.** Specifically outlined in the attached project understanding & scope of services.
2. **Compensation.** The fees for services are outlined in the attached Fee Proposal form.
3. **Schedule.** Consultant will comply with the schedule as outlined in our proposal package which is attached.
4. **Termination of Contract.** Client may terminate this Agreement with seven (7) days prior written notice to Consultant for convenience or cause. Consultant may terminate this Agreement for cause with seven days prior written notice to Client. Failure of Client to make payments when due shall be cause for suspension of services or, ultimately, termination, unless and until Consultant has been paid in full all amounts due for services, expenses and other related charges.
5. **Hazardous Environmental Conditions.** It is acknowledged by both parties that CONSULTANT's Scope of Services does not include any services related to the remediation at the site of asbestos, PCBs, petroleum, hazardous waste or radioactive materials. Client acknowledges that Consultant is performing professional services for Client and Consultant is not and shall not be required to become an "arranger", "operator", "generator" or "transporter" of hazardous substances, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act of 1990 (CERCLA).

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6. **Ownership of Documents.** All documents prepared or furnished by CONSULTANT pursuant to this Agreement are instruments of Consultant's professional service, and Consultant shall retain an ownership and property interest therein. Consultant grants Client a license to use instruments of Consultant's professional service for the purpose of constructing, occupying and maintaining the Project. Reuse or modification of any such documents by Client, without Consultant's written permission, shall be at Client's sole risk, and Client agrees to indemnify and hold Consultant harmless from all claims, damages and expenses, including attorneys' fees, arising out of such reuse by Client or by others acting through Client.
7. **Indemnification.** To the fullest extent permitted by law, CONSULTANT agrees to indemnify Client, its officers, directors, partners, employees and representatives, from and against losses, damages and judgments arising from claims by third parties, including reasonable attorneys' fees and expenses recoverable under applicable law. Consultant shall further name Client as additional insured on all relevant insurance policies, which shall be in a form suitable to the client.
8. **Force Majeure.** Neither party shall be deemed in default of this agreement to the extent that any delay or failure in the performance of its obligations results from any cause beyond its reasonable control and without its negligence.
9. **Dispute Resolution.** Client and Consultant agree that they shall first submit any and all unsettled claims, counterclaims, disputes and other matters in question between them arising out of or relating to the agreement to mediation in accordance with the Construction Industry Mediation Rules of the American Arbitration Association, effective as of the date of this agreement.
10. **Use of Electronic Media.** Copies of documents that may be relied upon by Client are limited to the printed copies (also known as hard copies) that are signed or sealed by CONSULTANT. Files in electronic media format or text, data, graphic or other types that are furnished by Consultant to Client are only for convenience of Client. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. When transferring documents in electronic media format, Consultant makes no representations as to long-term compatibility, usability or readability of documents resulting from the use of software application packages, operating systems or computer hardware differing from those in use by Consultant at the beginning of this assignment.
11. **Construction Phase Services.** If this Agreement provides for any construction phase services by Consultant, it is understood that the Contractor, not Consultant, is responsible for the construction of the project, and that Consultant is not responsible for the acts or omissions of any contractor, subcontractor or material supplier; for safety precautions, programs or enforcement; or for construction means, methods, techniques, sequences and procedures employed by the Contractor.

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12. **Opinions of Cost.** When included in Consultant Scope of Services, opinions or estimates of probable construction cost are prepared on the basis of Consultant's experience and qualifications and represent Consultant's judgment as a professional generally familiar with the industry. However, since Consultant has no control over the cost of labor, materials, equipment or services furnished by others, over contractor's methods of determining prices, or over competitive bidding or market conditions, Consultant cannot and does not guarantee that proposals, bids or actual construction cost will not vary from Consultant's opinions or estimates of probable construction cost.
13. **Professional Responsibility.** Consultant represents that the services shall be performed, within the limits prescribed by Client, in a manner consistent with the level of care and skill ordinarily exercised by other professional consultants under similar circumstances.
14. **Right of Entry.** Client grants to Consultant, and, if a project site is not owned by Client, warrants that permission has been granted for a right of entry from time to time by Consultant, its employees, agents and subcontractors upon the project site for the purpose of providing the Services. Client recognizes that the use of investigative equipment and practices may unavoidably alter existing site conditions and affect the environment in the area being studied.
15. **Billing Schedule.** Payment for professional services shall be invoiced at the end of each month as a proportion of the total work completed or upon completion of the work product. Payment shall be approved at the next regular meeting of the Board of Education, provided Consultant's invoice has been submitted to the Business Office not less than fourteen (14) days prior to the Board of Education meeting. Following approval, payment shall be made in accordance with Board of Education practices. Amounts not paid when due may be referred for collection and mechanic's lien rights may be exercised, with all costs, including reasonable attorney fees, charged to Client. Both parties understand that work will be stopped if account is not current; signed drawings will not be furnished if account is past due. Client and Consultant further agree that any amount subject to a good faith dispute shall not be considered "due and owing," and the parties shall endeavor to resolve any such disputes as expeditiously as possible.
16. **Affirmative Action.** The affirmative action language, required by State law and attached as Exhibit B, is incorporated in this Agreement. The term, "Contractor," as referred to in such Exhibit B means the Consultant. This Agreement will be null and void if Consultant fails to comply with the Affirmative Action requirements imposed upon Consultant by the State of New Jersey.
17. **Business Registration Certificate.** The Consultant has received a Business Registration Certificate from the State of New Jersey as evidenced by the attached copy of the Certificate. This Agreement will be null and void if the Consultant fails to supply and maintain a current Business Registration Certificate.

PROFESSIONAL SERVICES AGREEMENT
Manasquan School District – Lower Field Athletic Facility Improvements

IN WITNESS WHEREOF, the Client has caused this Agreement to be duly signed by its proper officers and caused its corporate seal to be hereto affixed, and the Consultant has caused this Agreement to be duly signed by its authorized partner, as of the day and year first stated in this Agreement.

Attest:

MANASQUAN BOARD OF EDUCATION

By: _____

Print Name: _____

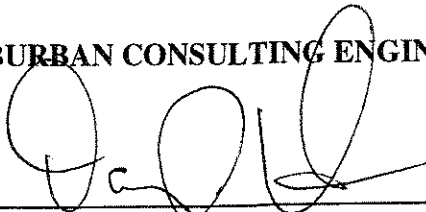
Print Name: _____

Witness:



REYNA M. BURGER
Corporate Secretary

SUBURBAN CONSULTING ENGINEERS, INC.


By: _____
DAREN J. PHIL, PE, PP, CME
President

Enclosures

Proposal Package
Certificate of Insurance



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/21/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Dale Group PO Box 6 Florham Park NJ 07932	CONTACT NAME: Tina Taran	FAX (A/C, No): 973-377-4614
	PHONE (A/C, No, Ext): 973-377-7000	E-MAIL ADDRESS: tinat@dalegroup.com
INSURED SUBUR-7 Suburban Consulting Eng, Inc 96 Hwy RT 206 Suite 101 Flanders NJ 07836	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Valley Forge Ins. Co. NAIC # 20508	
	INSURER B: Continental Casualty Company NAIC # 20443	
	INSURER C:	
	INSURER D:	
	INSURER E:	
INSURER F:		

COVERAGES

CERTIFICATE NUMBER: 687792640

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC	Y	Y	B5085943435	2/24/2017	2/24/2018	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	Y	B5085606943	2/24/2017	2/24/2018	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$0	Y	Y	B5088136652	2/24/2017	2/24/2018	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) if yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WC585943516	2/24/2017	2/24/2018	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
B	Professional			AEH004316497	2/24/2017	2/24/2018	Claim/Occurrence \$5,000,000 Aggregate \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Certificate holder is added as an Additional Insured to the General Liability as required by written contract but, only as respects to all covered operations of the Named Insured performed on behalf of the Additional Insured.

CERTIFICATE HOLDERManasquan Public School District
169 Broad Street
Manasquan NJ 08736**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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ATHLETIC FACILITIES SERVICES

**MANASQUAN PUBLIC SCHOOL DISTRICT
COUNTY OF MONMOUTH, STATE OF NEW JERSEY**

FLANDERS, NJ | WALL, NJ | ALPHARETTA, GA | P:(973) 398-1776
marketing@suburbanconsulting.com ♦ www.suburbanconsulting.com

SECTION TITLES

- I. COVER LETTER**
- II. COMPANY BACKGROUND & INFORMATION**
- III. PROJECT UNDERSTANDING / SCOPE OF SERVICES**
- IV. SIMILAR PROJECT EXPERIENCE**
- V. ORGANIZATIONAL CHART / KEY STAFF RÉSUMÉS**
- VI. COST PROPOSAL**
- VII. PROJECT SCHEDULE**
- VIII. CLIENT REFERENCES**
- IX. LETTERS OF RECOMMENDATION**
- X. REQUIRED CERTIFICATIONS & FORMS**



Manasquan Public School District

Home of the Warriors

SECTION 1: COVER LETTER



I. COVER LETTER





SUBURBAN CONSULTING ENGINEERS, INC.

November 8, 2017

Manasquan Public School District
169 Broad Street
Manasquan, New Jersey 08736

Attn: Lynn Coates
School Business Administrator

Re: Borough of Manasquan, County of Monmouth, State of New Jersey
Manasquan High School Lower Field Improvements
Our File No.: Proposal SCE-P09699.011

Dear Ms. Coates:

SUBURBAN CONSULTING ENGINEERS, INC. (SCE) is pleased to provide the Manasquan Public School District with all requested services for engineering design and related services for the Manasquan High School Lower Field athletic facilities improvement project. SCE has served several Boards of Education and Public-School Districts throughout the State of New Jersey and has provided similar services such as master planning, engineering design, soils investigations, field survey, storm water management design, permitting and regulatory compliance approvals and construction observation and administration phase services. SCE is thoroughly familiar with the site area and complexities of the project and have met with the School District representatives on site to further discuss the requirements of the project in person.

SCE is a multi-disciplined civil engineering, landscape architecture, environmental science and land surveying firm providing professional services to boards of education, municipalities, counties, park commissions, colleges, water and wastewater utilities and land developers. SCE was established in 1986, and has grown to a mid-size engineering firm priding itself in providing responsive professional services to its diverse client base utilizing state-of-the-art management and engineering procedures. Our Central New Jersey office which will be providing services on this project is located less than three (3) miles away in the Township of Wall, New Jersey. The Project Manager and Principal-in-Charge of this project has designed numerous synthetic turf athletic facilities and has lectured at many notable conferences on the topics of athletic facility design, field maintenance and infill material alternatives on sports turf. The SCE Project Team members are available to attend meetings at any time, on any day of the week, including evenings and weekends, on short term notice and on a regular basis. SCE has extensive knowledge of the project site, the School District, and the athletic facility needs for the Manasquan Public School District and the community. The SCE Team will design a state-of-the-art facility that will be enjoyed by the students, athletes, coaches and the Manasquan community for many future generations.

SCE professionals have been providing creative and innovative design solutions for our clients throughout the region on athletic facility and sports field projects for the past 31 years. SCE's Design Team consists of professionals who have been involved on many successful and uniquely noteworthy athletic projects which have received tremendous public recognition and positive media attention. Our professionals are well-suited to provide all services associated with our client's projects and are very experienced in providing conceptual and final design, permitting, and construction phase services.



SCE has invested a significant amount of time in the preparation of our proposed scope of services to assist our clients with understanding who we are, our full capabilities and our passion to be involved in special projects to create an award-winning facility. We have inspected and photographed the existing site conditions numerous times in preparation of this proposal. SCE has researched existing available mapping, drainage patterns and previous plans to familiarize our project team of possible conditions and site constraints. We have also prepared a conceptual design of the layout of the synthetic turf multipurpose field, site accessibility and improvements for drainage and spectator access to the site and to proposed bleacher viewing areas. Our scope of work involves full service tasks from conceptual design development, final design, bid phase services, and consulting and observation through completion of construction, and we have prepared our fee proposal to meet the requirements of the District.

SCE's Design Team involves individuals who are active professional members of the American Sports Builders Association (ASBA), the New Jersey Recreation and Parks Association (NJRPA), the American Society of Landscape Architects, National and State Chapters (ASLA and NJASLA), the New Jersey Society of Professional Engineers (NJSPE) and have participated in professional development events and shared technical information with the Synthetic Turf Council (STC). SCE managers have lectured at state and national conferences on the latest trends in athletic facility design and construction and have been called upon to serve as experts in the field of sports facility design. Many of our projects have won awards for Excellence in Design from professional organizations, including the National Award from the American Sports Builders Association (ASBA). Our professionals are highly experienced in providing design, permitting and construction administration and observation services for the development of state-of-the-art athletic facilities for many School Districts, Colleges and Universities, and public and private entities.

We are confident that our level of expertise and experience concerning the planning and design of athletic fields and facilities, construction phase and administration services, and success in obtaining expedited regulatory approvals will provide the District with an excellent level of service and meet all expectations on your projects. As a resident of the area for 30 years and a Principal owner of SCE, I can personally guarantee an exceptional level of client service and project commitment that will be provided by the professionals in the firm on your project.

As requested, please find attached an original and one (1) electronic copy of our proposal package for the District's review. We look forward to developing a professional working relationship with the Manasquan Public School District on this new and exciting project. We are available to meet to answer any questions you may have at your earliest convenience. Thank you for your consideration of our proposal.

Very truly yours,
SUBURBAN CONSULTING ENGINEERS, INC.

A handwritten signature in black ink, reading 'Joseph D. Perello', is written over a horizontal line.

Joseph D. Perello, LLA, RLA, PP, ASLA
Vice President

SECTION 2: COMPANY BACKGROUND & INFORMATION



II. COMPANY BACKGROUND & INFORMATION



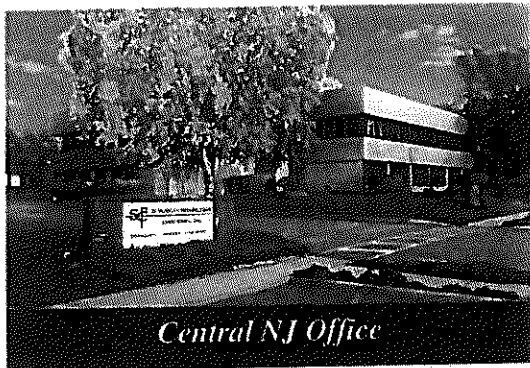
COMPANY BACKGROUND & INFORMATION

SUBURBAN CONSULTING ENGINEERS, INC.



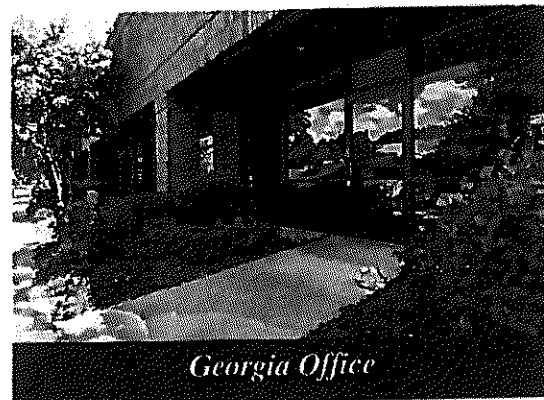
Corporate Office

**96 U.S. Highway 206, Suite 101
Flanders, NJ 07836
P.: (973) 398-1776
F.: (973) 398-2121**



Central NJ Office

**Paynter's Ridge Office Park
2430 Highway 34, Building A
Wall, NJ 08736
P.: (732) 282-1776**



Georgia Office

**225 Curie Drive, Suite 1300
Alpharetta, Georgia 30005
P.: (732) 282-1776
F.: (470) 237-0608**

SCE is a mid-sized civil & municipal engineering, landscape architecture, environmental science, land surveying and planning firm established in 1986, providing quality, state-of-the-art professional engineering solutions on each of our client's projects. Clients served agencies, school districts, utility authorities, private businesses, community associations, other professional firms and individual project owners.

"Our goal is to make our client's vision a reality"

SCE's experienced professionals provide cost-effective and creative design solutions that balance the natural and man-made environments and respond to the needs of the clients and communities we serve.

Qualified Full Time Professional Staff Include:

- ❖ Professional Engineers
- ❖ Landscape Architects
- ❖ Certified Municipal Engineers
- ❖ Environmental Scientists
- ❖ Professional Planners
- ❖ Land Surveyors
- ❖ Construction Observers



Company Email Addresses:
info@suburbanconsulting.com
marketing@suburbanconsulting.com

***Committed to
EXCELLENCE, ECONOMY, ENVIRONMENT***

Throughout SCE's history, we have valued our relationships with our clients. Timely, cost-effective completion of a quality work product that meets our client's requests is our primary objective. To ensure accomplishment of this objective, a principal of the firm is involved in management roles on every project and communicate with the clients throughout the duration of the projects. Our technologically advanced management software is continuously upgraded for all projects, and every key staff member can monitor and update critical project information including budgets, schedules, deliverables and milestones.



COMPANY BACKGROUND & INFORMATION

PROFESSIONAL SERVICES OVERVIEW

MUNICIPAL SERVICES

SCE represents municipal, county and state governmental agencies. Services include special project designs and multi-year appointments. SCE provides grant and funding program assistance and has secured millions of dollars of aid for clients. SCE also actively assists in reconstructing and re-aligning roadway infrastructure, including bridge replacement projects, building renovations, parking, DPW facility improvements, and stormwater management compliance.

PARKS, RECREATION & ATHLETIC FACILITIES

SCE custom-tailors services to meet the needs of each individual facility and project site. SCE provides planning, design, consultation and construction inspection services for a wide variety of projects including athletic complexes, parks & recreation facilities, active and passive community spaces, streetscapes, urban design, and waterfront developments.

WATER/WASTEWATER ENGINEERING

Consulting to public and private-sector water and wastewater utilities is a primary area of service for SCE. We provide engineering services geared towards the ever-changing regulatory requirements, asset management needs, and infrastructure repair and replacements. Planning, design, and construction phase services for the collection, treatment and distribution of water resource systems are at the core of our company's capabilities.

COMMUNITY ASSOCIATION SERVICES

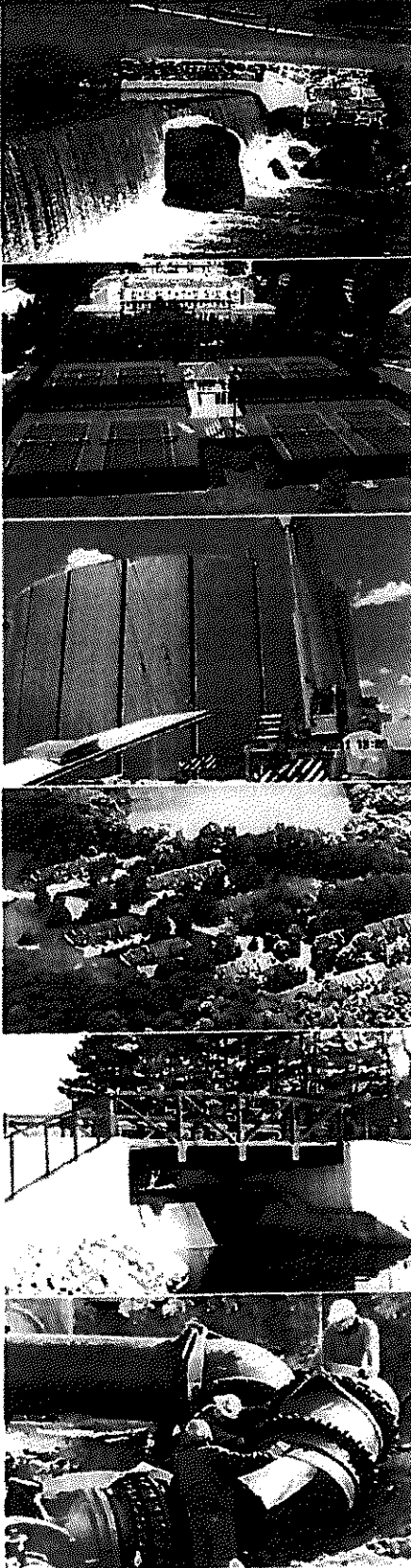
SCE combines municipal engineering experience with specialized expertise in the Community Association sector. SCE resources include an extensive knowledge of building codes and inspection requirements and an expert understanding of the municipal land use planning and approval process which communities face on a daily basis.

SITE DEVELOPMENT & ENVIRONMENTAL SERVICES

SCE's services address today's stringent development standards with innovative and alternative solutions. We are familiar with critical regulatory and environmental compliance requirements and have an open communication and understanding with regulatory agencies at all levels.

SURVEYING SERVICES & LAND DEVELOPMENT

SCE now offers high-definition surveys and laser scanning to provide our clients with more innovative solutions. The technology reaches a multitude of services including creating topographical maps, generating 2D and 3D CAD views, and measuring distances, areas and volumes of project sites. Our services address today's more stringent development standards with creative and alternative solutions.

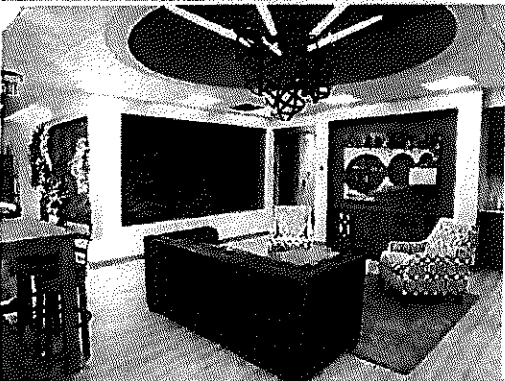


COMPANY BACKGROUND & INFORMATION

MANAGEMENT & PERSONNEL



SCE's professional staff is supported by a highly competent and technical administrative personnel group with extensive experience in budgeting, managing, and project coordination. To meet our client's goals, a principal of the firm is responsible for managing each project. A Principal of the firm is assigned to and responsible for each and every project in-house. This includes; defining technical procedures and methods required to provide the contracted work, effective communications with clients, establishing adequate staffing, scheduling, quality assurance and cost controls.

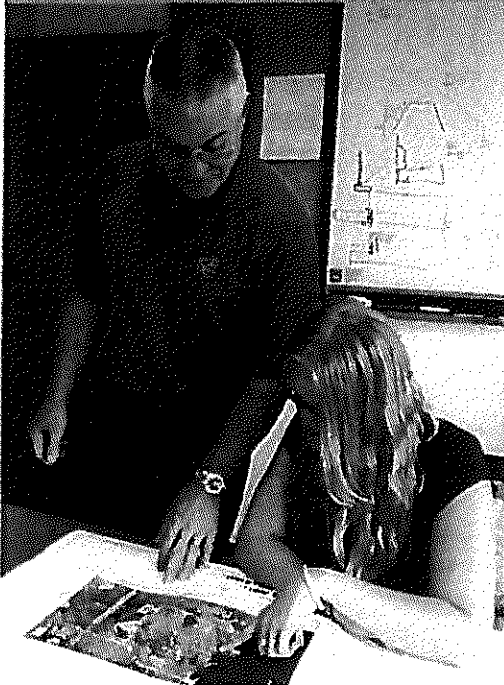


Professionals and technical staff from appropriate disciplines support the Principal assigned to each project. SCE continues to develop and maintain a diversified staff of professionals and technical support staff at various levels of experience to approach each phase of a project in an economical manner. This provides long term client relations and assurance of continuity to our clients in future endeavors. Key personnel are made known to our clients in advance and are assigned through the completion of the project.

SCE is very cognizant of the fact that our reputation is an important aspect of business and we strive to maintain our client's trust and satisfaction throughout each and every project.

QUALITY ASSURANCE/QUALITY CONTROL

Quality Assurance (QA) is the verification of the effectiveness of quality control measures. SCE utilizes a company-approved Quality Assurance Manual that includes company standards and appropriate Department Units Quality Assurance Checklists. The Checklist items are the major design criteria that are important to assure accurate development of project design and contract documents.



Our QA/QC Manager and Project Manager will ensure that the SCE team adheres to the approved Quality Assurance Manual. Experienced field engineers make reviews periodically during the design process to make sure that the designs are constructible, practical and economical. SCE's reputation over the years is based on its history of providing a quality product within budget. With a multitude of experienced personnel in various disciplines, our Project Managers will utilize the "in-house expert" in the field, as well as consult with individuals who have encountered a specific situation before and addressed seemingly insolvable design issues quickly, efficiently and effectively.



COMPANY BACKGROUND & INFORMATION



SOFTWARE & TECHNOLOGY

To provide our clients quality, cost-effective services, SCE has and will continue to invest in state-of-the-art computers, engineering and surveying equipment. SCE always maintains industry standard software and technology to provide our clients with optimal services on a daily basis. In-house software and technology include the following:

- ❖ Civil 3D AutoCAD
- ❖ AutoDesk World
- ❖ ESRI's ArcView
- ❖ Geographical Information Systems (GIS)
- ❖ Haestad's PondPack and WaterCAD
- ❖ HEC RAS
- ❖ High Definition Surveys & Laser Scanning
- ❖ Adobe Master Collection
- ❖ Many other industry-recognized programs for engineering design.

Committed to

EXCELLENCE

ECONOMY

ENVIRONMENT

"Keeping up with the latest Industry Standard Technology"

SCE recognizes that all engineering related projects range from both common to complex and in order to provide our clients with the most cost-effective solutions, a variety of technology and software may be necessary on each individual project. Based on this understanding, SCE offers both highly-revolutionary and conventional state-of-the-art technology and continues to maintain today's latest industry standard technology. Providing our clients with the best economical and environmentally efficient services is highly valued at SCE.



COMPANY BACKGROUND & INFORMATION

AFFILIATIONS & LICENSES

American Society of Civil Engineers

National Society of Professional Engineers

New Jersey Society of Municipal Engineers

New Jersey Utility Association

American Society of Landscape Architects

American Water Works Association

American Sports Builders Association

Water Environment Federation

North Jersey Water Conference

New Jersey Recreation & Park Association

American Society for Testing and Materials

Institute of Transportation Engineers

NJ Society of Professional Land Surveyors

American Congress on Surveying & Mapping

Pennsylvania Society of Land Surveyors

Community Association Institute

SCE is proud of our group of professionals and management staff. We value our professionals and their dedication to being actively involved in a variety of organizations and membership programs, which apply to their specific fields of expertise. We acknowledge the importance of these programs and affiliations and how they provide SCE with continual up-to-date information and policies that face many of our client's projects. We are confident to state that our group of highly educated professionals will meet and exceed all of your expectations.



American Society for
Testing and Materials

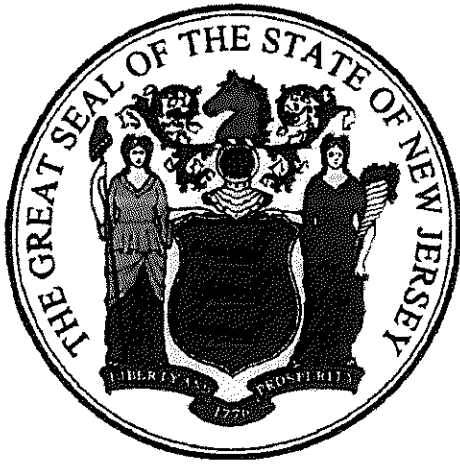


PROFESSIONAL REGISTRATIONS & LICENSES

- Professional Engineer (NJ, NY)
- Certified Municipal Engineer
- Licensed Landscape Architect
- Registered Landscape Architect
- Professional Planner
- Licensed Land Surveyor
- Certified Playground Safety Inspector
- Underground Storage Tank
- Occupational Safety & Health Administration (OSHA)
- DCA – Building Inspector & Construction Official



COMPANY BACKGROUND & INFORMATION



Business Registration Certificate

Employee Information Report

Liability Insurance

Small Business Enterprise

Certificate of Authorization

***Certificate of Authorization of
Landscape Architecture***

***New Jersey School Development
Authority Prequalification***

***Division of Property Management
and Construction Prequalification***

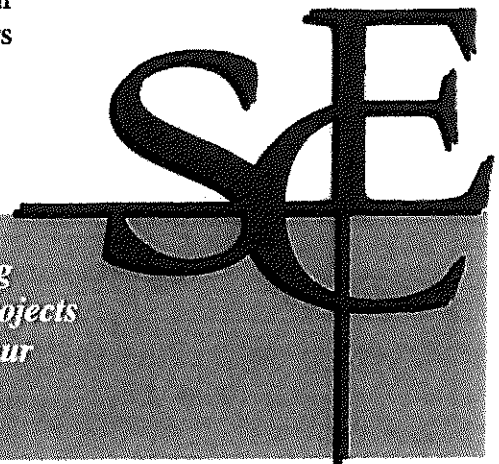
REGISTRATIONS & CERTIFICATIONS

SCE is in compliance with all Local, State and Federal regulations and laws as it relates to registrations and licenses to practice engineering and landscape architecture services in the State of New Jersey. We have professional engineers, landscape architects, professional planners, certified municipal engineers, land surveyors, environmental experts, and construction observers on staff to perform all types of services. Another factor that distinguishes SCE from its competitors is that we are a certified ***Small Business Enterprise (SBE)***, which is often desired by counties and municipal clients for specific projects. SCE maintains liability insurance and is in compliance with all applicable federal and state affirmative action laws. We understand our client's desire to employ professionals with proper credentials and make it a matter of policy to maintain these certifications and registrations yearly.

***"Licensed & registered in the State of New Jersey
to practice engineering, landscape architecture
services and land surveying,"***

In order to provide the highest level of services to our school district clients, SCE is prequalified with the New Jersey Schools Development Authority (NJSDA) and also through the State of New Jersey Department of the Treasury Division of Property Management and Construction (DPMC). SCE recognizes our clients need for these qualifications and licenses for particular projects and continually renews these certifications. All the licenses and certifications materials can be obtained by contacting our main Office Headquarters located in Flanders, NJ.

***SCE is committed to providing our clients with outstanding
professional services and best practiced solutions on all projects
no matter the size. Contact us today to learn more about our
services and how we can help you.***



SECTION 3: PROJECT UNDERSTANDING / SCOPE OF SERVICES



III. PROJECT UNDERSTANDING / SCOPE OF SERVICES



PROJECT UNDERSTANDING

MANASQUAN PUBLIC SCHOOL DISTRICT

REQUEST FOR PROPOSAL PROFESSIONAL DESIGN & ENGINEERING SERVICES FOR LOWER FIELD ATHLETIC FACILITY IMPROVEMENTS

PROJECT UNDERSTANDING

SUBURBAN CONSULTING ENGINEERS, INC. (SCE) has assembled a team of exceptionally well qualified professionals to be a part of the Project Team for the Manasquan Public School District Lower Field Athletic Facility Improvements. The Project Team has a thorough understanding of the project requirements, has visited the project site and developed a thorough understanding of the professional services that have been considered in our proposal for this exciting project.

The Project Team assigned for this project is well-suited to provide *all of the requested services* and is very experienced in providing design, permitting, and construction administration and inspection services for the planning and design of the High School Lower Field Improvement project. The Project Team assembled for this proposal includes licensed professionals in the State of New Jersey including Professional Engineers (PE), Professional Land Surveyors (PLS), Licensed Landscape Architects (LLA) and a fully equipped and experienced technical staff.

SCE experience with designing athletic field projects is extensive. While there are many firms that have provided services for athletic field projects, it is the creativity and strong attention to detail that separates SCE from other firms. The Project Team assigned for this project is well-suited to provide *all of the requested services* and is experienced in providing design, permitting, and construction inspection services for the design and construction of synthetic turf fields, drainage improvements, site fencing, and renovations to existing athletic facilities to meet the requirements of NFHS Standards.

Members of the Project Team *are very familiar with providing professional services on high school athletic facilities*. SCE has recently provided professional services to the Point Pleasant School District for the multi-purpose synthetic turf field, running track and field events. SCE has also designed the multi-purpose synthetic turf field, running track and field events, and bleacher improvements for the Freehold Regional HS District at Howell High School. SCE has also worked for the Passaic Board of Education on the renovation of Boverini Stadium, an athletic facility with concrete bleacher and locker rooms constructed as a WPA project in 1927. SCE has also provided services to Irvington School District for the Matthews Field High School Stadium with synthetic turf field and all-weather running track and field events. SCE has also provided services several times to Dover Public Schools on the Hamilton Field synthetic turf stadium field and 400 meter running track and tournament soccer field facility, as well as the Manchester Regional High School District for the 400-meter running track, the Hanover Park High School Athletic facilities, the Whippany Park High School Athletic facilities, Lakeland Regional High School District site plans for new parking facilities and drainage, currently designing Memorial Stadium for the City of New Brunswick and New Brunswick Public Schools and the ASBA National Award Winning Athletic Facility at Mt. Saint Mary Academy – Angels of Victory Field and Stadium. SCE has also worked with Lawrence Township Board of Education on their Athletic Facility Improvements projects for their multi-use synthetic turf fields.



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SCE has also performed services for Centenary College Synthetic Turf Soccer Field, The College of New Jersey (TCNJ) tennis facilities and members of the project team have provided services to Seton Hall University on the design and construction administration on their synthetic turf baseball and soccer field, bleachers and drainage improvements, Georgian Court University Athletic Facility Master Plan and athletic fields and running track, Montclair State University Softball Field Improvements, Montclair State University Dioguardi Field, and Rowan University Soccer and Intermural Field Upgrades.

It has been our experience that public facility projects, especially athletic facility projects, that the most successful projects are designed, evaluated, and discussed with the input of project stakeholders from the community and facility managers. In order to meet the needs of the District, SCE has assembled our award-winning Project Team that has written the formula for success in synthetic turf field design and athletic facility improvement projects of the same scope and magnitude as this project.

EXPERIENCE OF THE PROJECT MANAGER AND PRINCIPAL IN CHARGE

The Principal-in-Charge, Project Manager and Licensed Professional for this project is SCE's Vice President & Principal, **Joseph D. Perello, LLA, PP, ASLA**, who has designed numerous synthetic multi-purpose athletic fields and site drainage improvement for municipalities and school districts throughout the State of New Jersey. Having performed design services for public entities for more than 30 years, and being a life-long resident of New Jersey, and resident of the New Jersey Shore for 29 years, Mr. Perello has a complete understanding of the project needs of a new synthetic turf field and drainage improvements as proposed at Manasquan Public School District.

Mr. Perello has been an active member of the NJ Recreation and Parks Association (NJRPA) for over 24 years, and has lectured at the New Jersey and Pennsylvania Recreation and Park Society Annual Meetings on the design of athletic facilities. Mr. Perello has designed and managed the construction at many local Boards of Education and School Districts as well as NCAA College level athletic facilities including Seton Hall University, Rowan University, Centenary College, Montclair State University, The College of New Jersey, Georgian Court University, New Jersey Institute of Technology, and Stevens Institute of Technology. Mr. Perello has also authored several magazine articles, and has contributed to numerous other articles, that appeared in nationally recognized publications pertaining to synthetic turf fields, parks, playgrounds, and recreation facilities. Please refer to the resumes of Mr. Perello and the project team, as well as our list of previous projects, articles in professional publications and references.

EXPERIENCE OF THE KEY STAFF & SIMILAR PROJECTS

The Professional Engineers from SCE on this project include SCE's President, **Daren J. Phil, PE, PP, CME**, **Mark Lescavage, PE, PP, CME** and **Joseph D. Phil, PLS, EIT**, to provide both engineering and surveying experience, landscape architecture and design services will be provided by **Kirk B. Danielson, LLA**, **Ross H. Komura**, **Chelsea M. Beisswanger** and **Shaun Dennard, CPSI**, who were also key team members and engineering managers for recently completed similar projects at Point Pleasant High School and at Howell High School. These design professionals have extensive experience in the design of synthetic turf fields, running tracks, drainage improvements, field events, sports lighting and spectator area rehabilitation. SCE recently completed the rehabilitation to the exterior portions of the grandstand structure at Boverini Stadium in Passaic, New Jersey. The Boverini Stadium Grandstand, Locker Rooms and Maintenance Facility was constructed in 1927 as a WPA project. SCE is currently

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providing similar synthetic turf design services for the Lawrence Township Board of Education, Rowan University, and recently completed Softball Improvements project at Montclair State University. The SCE Project Team provided similar services to Irvington Board of Education on the complete reconstruction of the athletic facilities at Mathews Field located at the Irvington High School.

The SCE Project Team members have provided similar services on other projects such as the Synthetic Turf Baseball and Softball Field at Roberto Clemente Field at Pulaski Park in Passaic, the Irvington High School Stadium synthetic turf fields, the synthetic turf baseball and softball fields at Boverini Stadium in the City of Passaic, the multi-use synthetic turf field at Centenary College, the synthetic turf baseball field at Union Catholic High School in Scotch Plains, the new synthetic turf multi-use field and 400 meter running track at Mount St. Mary Academy in Watchung, the synthetic turf field and 400 meter running track at Hamilton Field for Dover Public Schools, the new synthetic turf baseball and soccer fields at Ironbound "B" Field for the City of Newark, the design of two (2) synthetic turf baseball and softball fields at Prince Rodgers Complex for the Township of Bridgewater, NJ, Georgian Court University synthetic turf soccer and lacrosse field, and have recently designed new synthetic turf multi-use fields for Hudson County Parks System at J.J. Braddock Park in North Bergen, and new synthetic turf multi-use fields for the Hanover Park High School and Whippany Park High School. The key staff members of the SCE Project Team have worked on or are currently involved in similar projects and all staff members have the appropriate licenses and degrees in specific fields. Please refer to the Project Profile Sheets included in this proposal that depict our similar project experience.

The members of our Project Team include licensed professionals that have successfully performed these services on numerous similar projects, most all of which were for public clients such as local governments and/or counties. Please refer to the resumes of the key team members included in this proposal.

LOCATION

SCE's Central New Jersey Office is located in the Township of Wall, County of Monmouth, and our Corporate Headquarters Office is located in the Township of Roxbury, County of Morris. Our Central New Jersey office is a brief 5-minute car ride away from Manasquan Public School District and is only 3 miles from the site. Members of the Project Team, including the Project Manager reside in neighboring communities. SCE is also presently working on several projects in the surrounding local area, including the Township of Brick, Township of Lakewood and in Toms River, NJ. We are very confident in our abilities to communicate and manage projects with our clients and can assure our services are second to none and we will make sure the District receives an exceptional level of client services and project satisfaction on this exciting athletic facilities improvement project.

PROJECT MANAGEMENT

Please refer to the resumes of the project team, as well as our list of previous projects and references. Our project team members have hands-on experience with our projects, and have ensured that their projects are prepared on time and on budget. Our Project Managers and Designers communicate with the project team, possess the technical skills and demonstrate the leadership qualities that ensure a project's success.

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Based on the knowledge and experience of our Project Team, we are confident that we will exceed the expectations of the District on this noteworthy project. Our proposal has been prepared with the knowledge of our past experiences and projects in mind, we know what it takes to provide results and we are ready to provide you with professional services that will improve the Athletic Facilities that will benefit the quality of life in the community and be enjoyed by many future generations.

Additional Considerations

Our proposal is based on the project approach as outlined in our Proposal, with the understanding that our Project Team will provide services including the tasks associated with the liaison of the agencies that will be required to be addressed during all phases of the project. The Project Team recognizes the importance of this job duty and will be proactive in fulfilling that position.

We have reviewed the project requirements and recognize that several meetings will be required to be attended accompanied with full size copies of colored renderings to assist in illustrating the extent of improvements proposed. The extent of reproductive copies including the digital format data of the contract documents, plans and specifications as listed in the RFP are included in our scope of services and understood to be required.

The Project Team thoroughly understands every aspect of the tasks required, time constraint in completing, and sensitivity for this project to be a complete success. Please contact our references for the recently designed and completed projects that are included in our proposal. We have also included *letters of recommendation from clients* on previous projects for your review. The following Scope of Work section has been prepared to specifically address aspects of the proposed project in greater detail to further illustrate how the SCE Project Team is qualified as well as committed to take on the challenges associated with this project.



MANASQUAN PUBLIC SCHOOL DISTRICT

REQUEST FOR PROPOSAL

PROFESSIONAL DESIGN & ENGINEERING SERVICES FOR LOWER FIELD ATHLETIC FACILITY IMPROVEMENTS

Project Approach / Site Familiarity

SCE is prepared to provide Professional Engineering, Planning, Site Design, Field Survey and Construction Observation and Administration Phase services related to the Manasquan High School Lower Field conversion to synthetic turf project. It is through our experience with athletic facility design throughout the region that sets the SCE Project Team apart from other design firms. It would be most advantageous for the Manasquan Board of Education to select the SCE Project Team as the professional consultant to provide the required services to ensure that the project is properly designed, approved, and coordinated to meet the Board's needs, and improve the quality of life and will be enjoyed by many future generations. Our Project Team is an experienced group of professionals with proven experience in synthetic turf field design, drainage, site related improvements.

SCE is a multi-disciplined civil engineering, landscape architecture, environmental science and land surveying firm providing professional services to boards of education, municipalities, counties, park commissions, colleges, water and wastewater utilities and land developers. SCE was established in 1986, and has grown to a mid-size engineering firm with over 100 employees. SCE prides itself in providing responsive professional services to its diverse client base utilizing state-of-the-art management and engineering procedures. Our Central New Jersey office which will be providing services on this project is located less than three (3) miles away in the Township of Wall, New Jersey. The Project Manager and Principal in Charge of this project, as well as several Project Team members, live in adjacent communities of the project site.

The SCE Project Team members are available to attend meetings at any time, on any day of the week, including evenings and weekends, on short term notice and on a regular basis. SCE has extensive knowledge of the project site, the School District, and the athletic facility needs for Manasquan Public Schools and the community. The SCE Team will design a state-of-the-art facility that will be enjoyed by the students, athletes, coaches and the Manasquan community for many future generations.

SCE professionals have been providing creative and innovative design solutions for our clients throughout the region on athletic facility and sports field projects for the past 31 years. SCE's Project Team consists of professionals who have been involved on many successful and uniquely noteworthy athletic projects which have received tremendous public recognition and positive media attention. Our professionals are well-suited to provide all services associated with our client's projects and are very experienced in providing conceptual and final design, permitting, and construction phase services.

SCE has invested a significant amount of time in the preparation of our proposed scope of services to assist our clients with understanding who we are, our full capabilities and our passion to be involved in special projects to create an award winning facility. We have inspected and photographed the existing site conditions numerous times in preparation of this proposal. SCE has researched existing available mapping, drainage patterns and previous plans to familiarize our project team of possible conditions and site constraints. Our scope of work involves full service tasks from concept development through

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completion of construction, and we have prepared our fee proposal to meet the requirements of the Board of Education.

SCE's Project Team involves individuals who are active professional members of the American Sports Builders Association (ASBA), the New Jersey Recreation and Parks Association (NJRPA), the American Society of Landscape Architects, National and State Chapters (ASLA and NJASLA), the New Jersey Society of Professional Engineers (NJSPE) and have participated in professional development events and shared technical information with the Synthetic Turf Council (STC). SCE managers have lectured at state and national conferences on the latest trends in athletic facility design and construction and have been called upon to serve as experts in the field of sports facility design. Many of our projects have won awards for Excellence in Design from professional organizations, including the National Award from the American Sports Builders Association (ASBA). Our professionals are highly experienced in providing design, permitting and construction administration and observation services for the development of state-of-the-art athletic facilities for many School Districts, Colleges and Universities.

Project Overview

Our preliminary research indicates that the Lower Field is located towards the rear of the High School facility site and is adjacent to North Main Street in the Borough of Manasquan New Jersey. The existing field includes a natural grass multi-purpose soccer/ lacrosse field, a softball field with dugouts, fencing, field appurtenances, and portable bleachers. Other athletic fields, maintenance buildings, paths and a running track and related facilities exist on the high school facility but are outside the scope of work for this project. The existing natural grass field is situated over a large 78 inch elliptical corrugated steel pipe, and the field is located within the Flood Hazard Area as defined by the NJ Department of Environmental Protection (NJDEP). The athletic facilities are used by Manasquan High School and other organizations by required permit approval. The natural grass multi-use field and the softball field and existing dugouts, bleachers and access areas are the items to be improved as a part of this project.

Our site investigations identify that the existing fields are currently natural grass and that evidence of subsurface drainage is not evident on site. The review of existing plans provided by the District has indicated that there are not existing storm sewer piping or subsurface drainage at the field, other than the existing 78 inch pipe that connects Mac's Pond to the DeRosa Creek. The design of the new synthetic turf multi-purpose field will require site investigations, test pit explorations and storm water management improvements to accommodate the synthetic turf field and associated drainage system. Subsurface detention basins and possibly seepage pits will be required to be designed to accommodate the storm water runoff that drains vertically through the synthetic turf field.

It is our understanding that the District desires that all improvements be state-of-the-art and meet all standards for high school interscholastic use per NFHS Standards. The District requires the proven experience of a qualified consultant that will consult with and guide the District through the design and approval processes to determine the full extent of improvements required to meet the current and future needs of the students and the community. The SCE Project Team possesses that experience and has served other clients on numerous similar projects.

It is our understanding that the District's construction budget for the project has not been established at this time. It is also our understanding that the District has not yet determined a final design and construction schedule for the project. As part of this proposal, SCE has prepared a Project Schedule

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outlining the tasks and time periods required for the project. With our proven experience in athletic facility design, permitting and regulatory compliance approvals, and construction phase services, the SCE Project Team has the ability to design the project to meet the scheduling requirements for the District, anticipating that design services will begin in December 2017, with advertisement and bidding of the project in June 2018 due to the time requirements of the FHA Permit approvals required by NJDEP. Should the funds be available and the School District award construction contract to a successful bidder, then construction can begin in July and be completed in approximately 110 calendar days and completed by the end of October 2018. The SCE Project Team can further discuss and revise the project schedule with the School District at the kickoff meeting to begin the project and can discuss an alternate project schedule to meet the need of the District.

The SCE Project Team has researched the project site, walked the project area and adjacent areas numerous times, photographed existing conditions and has become thoroughly familiar with the project area. Towards that end, we have prepared the following Scope of Services.

Scope of Services

1. Survey & Base Mapping

SCE will perform limited surveys, both horizontal and vertical, for purposes of preparing base maps. Vertical control shall be based on NAVD 88 datum and horizontal control shall be NAD 83. Field survey work will be performed as required to locate the work and to estimate quantity of work required. Field survey work will be performed by a land surveyor licensed in the state of New Jersey.

SCE's in-house survey crew personnel will be mobilized to the site and will utilize state-of-the-art survey equipment including but not limited to GPS and robotic stations to conduct topographic and planimetric survey of the project site. Establishment of horizontal and vertical datum consistent will be the basis for the survey control.

Utilizing previously prepared survey information and data obtained from our field survey activities, planimetric mapping of the project area will be developed from the site survey, with a maximum scale of 1-inch = 30 feet. It is our understanding that survey limits shall extend a minimum of 50 feet beyond the perimeter of the required project area, and that boundary survey for the project is not required. Topography will be depicted at 1-foot contour intervals with appropriate spot grade elevations across the improvement areas. We will utilize Civil 3D design software to map and model the existing and proposed conditions. The model will be utilized to establish proper grading and drainage improvements. The model will also be utilized to establish accurate construction quantities for preparation of thorough bid documents.

Location and elevation information will be mapped for identifiable utilities, physical features, structures, paths and driveways, and related site features in the area of proposed improvements. Existing individual trees outside of wooded areas (if any exist in the project area) with a 6" caliper or greater size will be mapped within the area of the proposed improvements.

2. Soils Investigation Services

The SCE Project Team will work with our subconsultants at Lewis Consulting Group (LCG) to



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perform a soils sampling, testing and evaluation of the investigation within the location of the proposed new synthetic turf field and storm water management area to obtain subsurface soils and storm water management and groundwater management design parameters.

Subsurface Exploration for Drainage Facilities and Permeability

The SCE Project Team will perform test pits via the use of an extended-reach, rubber-tire backhoe within the areas of the natural grass field to determine permeability for the proposed drainage facilities. Representative soil samples will be obtained for laboratory soils testing to establish design permeability parameters for use in complying with the New Jersey Department of Environmental Protection's ("NJDEP") requirements for Best Management Practices applicable to storm water management facilities.

An experienced engineer from SCE will accompany the excavator provided by the School District Facilities Department to guide the field exploration program and record the drilling logs. Test pit logs must be completed and a description provided of the subsurface materials encountered and presence of groundwater. The SCE field representative will locate the exploration locations by referencing existing site features.

Subsurface Soil Sampling & Testing Event

Under this task, SCE in coordination with our subconsultants at LCG, will perform a subsurface soil investigation to determine if contamination is present on-site related to petroleum and/or other historic uses in excess of the NJDEP's Direct Contact Soil Remediation Standards (DCSRS) and determine if on-site soils meet NJDEP's definition of Clean Fill. LCG will complete all activities in accordance with the NJDEP's Technical Requirements for Site Remediation (N.J.A.C. 7:26E) and Field Sampling Procedures Manual (FSPM).

SCE & LCG will advance up to three (3) borings at randomly selected locations to collect up to three (3) soil samples from 0.0' to 0.5' and 0.5' to 1.0' soil horizons below grade in connection with the Site. Following collection of soil samples, the soil cuttings will be used to backfill each soil boring to grade.

Subsequently, three (3) soil samples will be shipped under proper chain of custody protocols to a NJDEP-certified laboratory to be analyzed for a full Target Analyte List/Target Compound List (TAL/TCL+30), Extractable Petroleum Hydrocarbons (EPH), and hexavalent chromium and will include SPLP extraction as need. If EPH is detected above 1,000 mg/kg, 25 percent of the samples will be analyzed for 2-methyl naphthalene and naphthalene contingencies. In addition, seven (7) soil samples will be collected and analyzed for TCL Polycyclic aromatic hydrocarbon's (PAH), TAL Metals, TCL Pesticides as well as SPLP Extraction. Quality Assurance/Quality Control (QA/QC) samples will be collected and analyzed as necessary.

Below please find a table depicting the sample type and analysis:

Sample Type	Analysis	Unit Cost	Frequency
Soil	EPH	\$ 75.00	3 samples

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Soil	2-methyl naphthalene and naphthalene	\$ 150.00	1 samples
Soil	TCL/TAL+30	\$ 650.00	3 samples
Soil	Hexavalent chromium	\$ 115.00	3 samples
Soil	TCL PAH	\$120.00	7 samples
Soil	TAL Metals	\$150.00	7 samples
Soil	TCL Pesticides	\$135.00	7 samples
Soil	SPLP	\$35.00	10 samples

Subsequent to analysis, The Project Team will compare the soil analytical results to the NJDEP Residential Direct Contact Soil Remediation Standards ("RDCSRS") and Non-Residential Direct Contact Soil Remediation Standards ("NRDCSRS") established at N.J.A.C. 7:26D as well as the NJDEP default Impact to Ground Water Soil Screening Levels ("IGWSSLs").

Soil Disposal/Waste Classification

Prior to off-site disposal of soil, waste classification samples are required to be collected and analyzed. The specific quantity of samples to be analyzed is based upon the total volume of impacted soils determined for off-site disposal. Under this task and during soil investigation activities, the Project Team will additionally collect representative composite soil waste classification samples to be held at the lab for future analysis, if needed.

Project Management and Summary Report

The Project Team will provide project management and oversight for this phase of the project. Oversight will include onsite coordination and management of all investigative activities and other management activities as required, in accordance with the tasks outlined within this proposal. This task includes scheduling of activities, coordination with contractors, and teleconferences with client and subcontractors, and communication/coordination with the NJDEP.

Upon completion of the above-referenced activities in connection with the site, the Project Team will prepare a Summary Report including a description of all investigative activities, figures depicting applicable site plans (site map, location map, etc.), and recommendations. The summary report is not intended to be the final document and therefore will not be prepared for submission to the NJDEP.

Options and Potential Cost Savings Evaluation

The SCE Project Team will meet with the District to explain the potential need for a soil sampling program for the design of the synthetic turf field and the drainage system. SCE will explain that the program for soil sampling and testing for contamination is critical to the project schedule when constructing a synthetic turf field. Geotechnical Investigations for structural analysis may not be required for the development of a synthetic turf field on this site of an existing athletic field, however soil sampling may be necessary for soil disposal classification purposes to determine if the onsite soils can be exported from the site and if any remediation is required. Should it be determined that existing

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site topsoil can be utilized elsewhere in the District, then the need for soil sampling may not be required.

SCE would like to note a *potential cost savings* to the District. There is the potential to utilize existing site topsoil to be removed from the existing field and utilized at other District fields or parks or other facilities. This will result in a potential savings in the construction bids since the contractor will not have to truck and dispose of approximately 2,800 to 3,000 tons of soil to an offsite location out of the municipality, thereby incurring additional trucking and soil disposal costs. The decision to further consider this cost savings can be discussed and evaluated at the project kick-off meeting.

3. Drainage Culvert and Pipe Evaluation Services

In review of the mapping provided to our office and based on our initial site visits, we have identified a 78" corrugated metal culvert pipe which lies beneath the field in question. The age and condition of the pipe are unknown and based upon our discussion and the examination of the size and depth of the culvert, we recommend the physical inspection of this pipe prior to proceeding with the preliminary design of the athletic facility. With this in mind, we propose the following tasks to evaluate the subject pipe.

SCE will inspect the approximate 260 linear feet of 78" pipe from its beginning at the north side of the softball field adjacent to North Main Street to its terminus at Mac's Creek (also identified as DeRosa Creek or Judas Creek) near the south side of the field. The pipe will be examined through its entire length via closed circuit television (CCTV) with access through man entry, robotic crawler, or aquatic robot as required. In the case of manual entry, SCE will ensure the proper confined space entry precautions are taken such as harnessing, air monitoring, and proper protective gear to protect the entrant. The CCTV will be performed by sub consultant to our office but SCE will have a representative at the site through the whole process which is envisioned to take one field day.

The inspection will involve the physical observation of corrosion, scaling, depressions, collapses, joint offset and/or separation and other observable abnormalities to be able to prepare a detailed report of the physical condition of the pipe. The inspection will not involve any invasive inspections such as probing, corrosion testing, test pits, chemical analysis or other methodologies which may be recommended as possible further evaluation.

The deliverable will be a Structural Evaluation Report which will identify the pipe abnormalities and the general conditions of the pipe sections that could be observed. In addition, SCE will make recommendations as to the future treatment of the pipe in the no build condition (if the field project was not initiated) and in the case of building the field. In either scenario, if replacement or rehabilitation becomes a recommendation, SCE will identify the most cost effective method to accomplish the long term viability of the pipe and be able to obtain New Jersey Department of Environmental Protection Land Use Regulation Permits for the work.

If the conditions are such that SCE cannot provide the requisite evaluation based on the inspection proposed above, SCE will recommend the additional testing to be performed and their associated fees. This may involve additional CCTV inspection or invasive testing as identified above.

4. Preliminary & Final Engineering Design



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The SCE Project Team has included the time necessary to perform additional detailed site inspections of the facility and review of the available records prior to implementation of the preliminary design tasks. We will review any existing plans and documents previously prepared for the athletic facilities and that are on record with the School District. This detailed review of documentation will be collected and evaluated to obtain a more thorough assessment of all existing features and utilities associated with the property as provided by the District. This review and reference material will become the baseline data for our preliminary and final design documents.

Background historical data, existing plans and information, and civil/site development plans for the existing facility will be integrated into the project file. The SCE Project Team will contact related utility companies to obtain any available record information, and develop an overall project development area and constraints plan. Critical path issues will be forecasted and tracked to maintain the project schedule. Interviews will be implemented with known sources to take advantage of all available knowledge on the history of the athletic field areas.

The SCE Project Team will be available for meetings with the School District Officials, and designated Project Stakeholders, and regulatory agencies to provide appropriate copies of design information and documents for exchange of information and facts associated with the facility.

Recognizing that the project may require to be presented to the School District at a Board of Education Meeting, the Project Team has included the time necessary to coordinate and prepare the documentation for presentation in the public forum. It is assumed that there will be a minimum of one (1) such formal meeting. The Project Team is well versed in these important meetings and will work with the District to establish and prepare the appropriate presentation boards and power point slides (if deemed necessary) to illustrate the merits of the improvements in the spirit to gain full support of the project. Our senior team members are well versed in performing these services in a highly professional manner.

Under the preliminary design phase, SCE will provide alternate synthetic turf systems with various types of infill available for the synthetic turf field. We will provide advantages and disadvantages for each type of infill material under consideration, as well as estimated costs. We will also identify time required to install the synthetic turf and infill materials including any subgrade requirements for soil types and drainage systems.

SCE will present the preliminary design to the District in the form of a summary with manufacturer's literature and details, list of prior installations (in last 5 years) in the State of New Jersey, and contact names and phone numbers. It is our understanding that the District will review and respond with a selection of the desired synthetic turf and infill material based upon the information that we provide.

Under the Preliminary and Final Engineering Design phase services, the SCE Project Team will prepare drawings and technical specifications for the construction of the synthetic turf field and related bleacher area and access paths. For the purposes of this proposal it is assumed that the existing 78 inch drainage pipe will remain and will not need to be replaced or undergo significant repairs. If the Drainage Culvert Investigations result in the need for the pipe to be replaced or undergo significant repairs, then additional services will be required for the design, permitting, construction observation and coordination of the new drainage piping and related facilities. SCE will perform site visits to

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confirm current conditions and prepare the appropriate and necessary site and civil design drawings to support the selected and recommended improvements. SCE will coordinate on-site visits with District personnel so that the facility can be accessed as necessary. Technical Specifications shall be prepared to support design drawings. The standard District front end specification shall be used. SCE will meet with District personnel during the early phases of design to review various aspects of the new materials and proposed construction. At 60% and again at 90% complete, one (1) set of design drawings and specifications shall be forwarded to the District for review and comment, and we will meet with the District Representatives to review the design documents. Upon receiving design comments at the meeting, the design drawings will be amended.

The SCE Project Team will provide an estimated construction cost for the project at 60%, 90% and 100% completion of design phase. SCE will provide final plans and specification, suitable for public bidding, and suitable for reproduction.

Specifications of proposed appurtenances will be selected and recommended for the athletic facility areas and site amenities that are associated with this facility. There are obviously several types of equipment and installation items that are necessary for the construction of the proposed improvements.

SCE will perform an overview of the required drainage requirements that currently exist for current site conditions. We will provide solutions to existing drainage problems within the project area, if any, and provide the design of a drainage system to accommodate the proposed synthetic turf field.

Our site investigations identify that the existing natural grass field does not indicate evidence of subsurface drainage with inlets and piping. The School District has indicated that they are not aware of existing storm sewer piping or subsurface drainage at the field. The design of the new synthetic turf multi-purpose field will require site investigations, test pit explorations and storm water management improvements to accommodate the synthetic turf field and associated drainage system.

New drainage systems will be reviewed to connect to existing systems, where feasible, or infiltrate into existing soils with improvements such as dry wells or trench drains. Storm water management design concepts will be performed to satisfy the requirements of the local Soil Conservation District. The use of infiltration basins, bio-swales, under drains and "rain gardens" will be explored in the design phase to limit storm water runoff and encourage percolation and infiltration into the existing soils, if determined to be a feasible alternative after review of the soil permeability testing results.

SCE will assess the location (horizontal and vertical) of potential utility facilities within the project area limits of improvements. SCE will review existing documentation to identify potential utility conflicts. The proposed areas of the synthetic turf field are located in the location of existing natural grass fields and it appears that irrigation and other possible utilities may exist in these areas. Since the project may require future connections to electric service, the need to assess the location of potential utility facilities will be performed.

SCE will provide a Preliminary Project Budget Analysis. The planning and design process will include a design narrative that will contain preliminary estimates of the construction cost and the overall project budget. The SCE Project Team has knowledgeable in-house construction cost estimators who are experienced with all building construction methods, project types and public

MANASQUAN PUBLIC SCHOOL DISTRICT

bidding requirements. We have the ability to provide extremely accurate construction cost estimates that are not based solely on generalized square foot costs, but rather on actual building materials and their associated current costs. Providing this information during the initial stages of a project assists our clients with the establishment of an accurate budget.

The SCE Team will perform a Design Analysis and meet with the District representatives and Project Stakeholders to review the observed conditions and the program for site improvements. The conditions to be reviewed will include, but will not be limited to; existing conditions, design alternatives, accessible pedestrian path design alternatives, spectator areas and projected construction costs.

SCE will prepare a color rendering and provide graphics of the project design. A minimum of two (2) copies of a colored rendering, 24" x 36" in size, will be assembled along with cost estimates for each option and recommendation alternate items. We will utilize a digital model for the basis of the rendering and enhance the document utilizing computer generated graphics. Sufficient full-size and reduced scale colored handouts (8.5" x 11" or 11"x 17" size) will be provided by plotting the final document to a digital format for the presentations and documents requested. The selected option and associated requested revisions will be memorialized by the District and will become the basis of the final design.

5. Final Design / Construction Documents

Based on the scope of work developed by the SCE Project Team and approved by the District and Project Stakeholders, we will proceed with the preparation of contract documents for review and approval. The documents will include but not limited to the following:

- General Plan & Elevation.
- Staging Details.
- Utility Details.
- Drainage Details.
- Synthetic Turf Field and Amenity Details.
- Other Project Related Details.
- Technical Specifications.
- Construction Cost Estimate.
- Site plans representing work areas.
- Detailed construction drawings for all other improvements / items of the project including but not limited to synthetic turf fields, drainage work; site furnishings; signage and all other related work.
- Provide an itemized proposal sheet with final quantities for review and approval.
- Preparation of Soil Erosion and Sediment Control Plans and permits for approval by the Soil Conservation District.

MANASQUAN PUBLIC SCHOOL DISTRICT

- Preparation of NJDEP Permitting Plans and permits for approval by the NJDEP for the FHA Permit.
- Prepare technical specifications and final engineers estimate.

Upon receipt of comments on the Preliminary Design documents from the District, we will prepare final construction documents for bidding, consisting of plans and specifications. The plans will include all necessary drawings required to clearly define the scope of the project and will include at a minimum: cover sheet, site plans, cross sections, details, and schedules as required to fully delineate the scope of the project. The specifications will also contain the Board's front end boilerplate, construction phasing, temporary facilities, temporary access, working hours, and any other special requirements.

The Project Team will finalize the design documents based on the District comments, and will provide final bid documents as a final submission.

6. Permitting / Regulatory Compliance

As a part of the design work for the project, the SCE Project Team will investigate the jurisdictional requirements associated with the NJDEP, County and local ordinances to verify if any regulations pertain to the subject improvement plans. The SCE Team will prepare the necessary application materials, reports, calculations, and maps for submission to those agencies that have jurisdiction.

Upon completing our preliminary review of the project in preparation of this proposal, we have concluded that the following agencies will require review of a permit application:

Freehold Soil Conservation District Plan Certification Coordination – The proposed project will ultimately disturb greater than 5,000 SF, requiring a plan certification.

NJDEP - Stormwater Discharge Permit – The total disturbance for the project is greater than one acre and a Stormwater Discharge Permit will be required. On-line submission of the permit will occur upon receipt of plan conformance from the Soil Conservation District.

Manasquan Borough UCC Building Department / DCA – The Project Team will coordinate with the Board's selected contractor to obtain required construction permits through the local building department (if required) for the proposed improvements.

New Jersey Department of Environmental Protection (NJDEP) Land Use Regulation Permit – Field Construction

In review of the latest Flood Insurance Rate mapping through FEMA (January 31, 2014 Preliminary Map), a portion of the field is within the NJDEP jurisdictional flood plain. For this site, which has not been studied by NJDEP, the methodology for determining the NJ Flood Hazard Area is Method 4 which is to add a foot to the FEMA Base Flood Elevation of 15.0 to obtain the NJ Flood Hazard BFE which would be Elevation 16.0. The significance of this is that the NJ Flood Hazard Rules (N.J.A.C. 7:13) do not allow fill within the flood plain. As the grading of the field will likely require the elevation to be raised within the flood plain, a compensatory volume of cut would have to be provided within the field area adjacent to the fenced wetlands area so that the flood storage volume would remain the same on the site.

MANASQUAN PUBLIC SCHOOL DISTRICT

In order to do this, an NJDEP Flood Hazard Area Individual Permit would have to be obtained for the proposed work. SCE will provide the necessary services for the FHA Individual Permit and will prepare the plans, calculations and application forms for submission to the NJDEP.

SCE would perform the following tasks in pursuing the required NJDEP permit:

- Arrange and Attend a Pre-application Conference with NJDEP Representatives.
- Prepare Land Use Regulation Permit (LURP) Application including:
 - LURP form coordination
 - NJDEP Fee Calculation (Fees paid for by the School District)
- Prepare Net Fill Calculations including the required cross sections of the field
- Prepare Engineering & Environmental Report for FHA Rules including:
 - Net Fill summary
 - Riparian Zone impacts
 - National Heritage Database report
- Prepare Public Notices for LURP.
- Prepare Submission Package including the necessary mapping, application, reports, and plan sets for an administratively complete NJDEP FHA Permit.
- Follow up with NDJEP representatives to ensure timely consideration of permits.
- Revise plans, maps, reports, and/or application within the scope of the proposed work to ensure permit issuance.

In review of the prior plans and mapping, it is our current assumption that under this scenario, no freshwater wetlands/transition (FWW) area disturbance will be required as we would propose to connect the required drainage outfall from the field to the existing culvert upstream of any freshwater wetlands or FWW transition areas.

No other permits or regulatory approvals are anticipated for the specified improvements, anticipating that the existing 78" drainage pipe will remain in place and will not be replaced or require significant repairs. However, the design plans will be prepared to satisfy the reviewers for issuance of the applicable construction permits as noted herein. These services are typical for all projects for which we are experienced in performing. Our long term relationships with each of these agencies will assist in the expedited review and process of the required permits.

SCE will identify permits required as noted above, prepare required applications with supporting documents for each permit as noted above, and shall be responsible for submission of the applications to the regulatory agencies. It is our understanding that the District will pay all permit fees that may be applicable.

7. Bidding Phase Services

SCE will coordinate with the District for the Board's legal advertisement of the project, respond to questions during the bidding period, prepare written addenda and clarifications when required, review the bid documents received by the District at the bid opening, and prepare a report upon bids received and a recommendation of award.

MANASQUAN PUBLIC SCHOOL DISTRICT

SCE will provide bid related services and will assist the District throughout the bid phase of the project. The following tasks will be performed for the construction of the project.

- Coordinate legal notice language and publication with the District.
- Provide ten (10) sets of bid documents (plans and specifications) to the District for distribution to potential bidders.
- If desired by the District, attend a pre-bid meeting with potential bidders and the District.
- Respond to bidder's technical questions during the bid phase.
- Assist the District in review of bids and review a spread sheet analysis of items.
- Coordinate with District Counsel on bid acceptance and bidders qualifications.

8. Construction Administration & Observation Phase Services

SCE will provide part time construction administration and observation services for the proposed improvements addressed in the site plans.

The anticipated time of construction is 110 calendar days due to the anticipated start date of construction, and anticipated project work schedule. During construction, SCE will provide the following services during the anticipated 110 calendar days' time of construction completion;

Progress Meetings – SCE will attend necessary progress meetings with the District, subcontractors and the contractor representatives in order to discuss project status, questions or other red flag items. SCE will also attend other client scheduled meetings through the course of the project construction.

Contractor Requests for Information - SCE will address all contractor questions that may arise in a timely fashion in order to keep construction on schedule.

Shop Drawing Reviews - SCE will review shop drawings submitted by the contractor within five (5) working days and make recommendation for amendments or approve without exceptions. Should an expedited review be required to maintain the project schedule SCE will initiate the review within 24 hours of receipt of information.

Payments - SCE will assist in the review of payment requests submitted by the contractor and provide a payment recommendation to the District.

Construction Stake-Out - SCE will provide the contractor with a digital copy in AutoCAD format on CD or via email of the design plans for utilization in construction stakeout.

Materials Acceptance - SCE will inspect materials delivered to the site for compliance with approved shop drawings. All damaged freight will be documented and verified if a field repair can be implemented by the supplier or if the items need to be rejected.

Site Observation - SCE will provide part-time, periodic on-site construction observation services for a duration of approximately one hundred and twenty (110) calendar days to observe the installation of proposed improvements. Sufficient part time hours are budgeted per week to perform these part time

MANASQUAN PUBLIC SCHOOL DISTRICT

observation services. Additional hours for construction administration and submittal review and payment request reviews will also be provided. Observation reports will be prepared to document the extent of work being performed on the site. Documentation of work progress and site photographs will be prepared to verify aspects of the project. This approach will provide the minimum level of service necessary for SCE to confirm that the project is constructed as designed while keeping our construction observation fees at a minimum.

Project Close-Out - Prior to the completion of the project, SCE will coordinate the completion of a final punch list. SCE will work with the contractor to prepare a complete file of all warranties, material data sheets, shop drawings, inspection reports and meeting notes in chronological order. The data will be bound for distribution to the District for future reference.

It should be noted that SCE has provided an estimated fee for observation related services that is anticipated to be sufficient barring significant changes in field conditions and construction related delays. Should extraordinary field conditions or construction delays occur that require additional time or services which would exceed our fee, SCE will provide a written re-evaluation of the extent of services needed to complete the project prior to performing any such services. No additional services will be performed without prior authorization.

9. Reimbursable Expenses

SCE has provided a Budget Amount and a Rate Schedule for reimbursable expenses for the project for items such as costs for plan printing and reproduction as included in this scope of work, copies, mailings, mileage, equipment, etc. Please refer to the cost proposal sheet.

ADDITIONAL PROCEDURES BY THE PROJECT TEAM

In addition to adhering to the above outlined Scope of Services, the SCE Project Team implements the following procedures on our projects:

MAINTAINING A FULLY FUNCTIONAL PROJECT AREA DURING CONSTRUCTION

A major aspect of any addition and renovation project will be addressing the needs and safety issues of a fully functional facility during periods of major construction. This issue is paramount to the success of a project of this scope and size. A well thought-out comprehensive Phasing Plan will be required to assure that construction activities have a minimal impact on the daily activities of the membership, staff and visitors.

The SCE Project Team has extensive experience with the design of public facility projects requiring phasing plans. We have facilitated and administered projects requiring multiple phases of construction over an extended period of time that are fully occupied year round. The key to a successful Phasing Plan is a clear line of communication between all parties involved including staff, end users, contractors, construction managers and the project team not only prior to the start of construction but throughout the entire construction process.

MANASQUAN PUBLIC SCHOOL DISTRICT

COST CONTROL, QUALITY CONTROL AND ESTIMATING

Control of Costs

SCE has been recognized for delivering projects on time and on budget. We subject all of our projects to a severe quality control review process which has given our firms a long history of minimal change orders and tight cost controls.

The few change order requests which we typically receive are painstakingly scrutinized -- not just for costs, but for any broader potential impact as well (e.g., schedule, etc.). The Project Landscape Architect and Engineer thoroughly review the construction documents to determine if the Contractor has overlooked pertinent information that might invalidate the change order. Our in-house construction administrator personnel would work, in coordination with the Construction Manager to focus on getting the project completed within the established budget parameters. This approach encourages the mutual respect that we feel is necessary to overcome any differences and keep within the critical goal of on-time project completion.

Quality Control

During both the design development and construction documentation stages, The SCE Project Team evaluates the impact that specific items may have on the overall budget, the potential for long lead time items to adversely impact the schedule, and the impact of material decisions on programmatic and performance goals.

Often, we would suggest the use of materials that are more cost-effective, but still functional, durable, and visually appealing, commonly referred to as "value engineering." Code review and ADA compliance are also verified. Our firms' written office standards govern the preparation of plans and specifications which enable us to easily identify most questions prior to bidding and construction.

To the degree that alternate materials are being considered, or concerns exist about the bidding environment at the time our project is bid, we typically would include bid alternates to allow for consideration of these variances.

Prior to the completion of construction documents, The SCE Project Team would implement a quality control critique in order to ensure as complete a coordination effort of those documents as possible. This would be a full project documentation review undertaken by a senior Project Manager or Principal in our firm who is not directly involved with the project. S/he would objectively examine the details to assess necessary clarity and assist in the identification of potential conflicts and/or coordination issues among the various disciplines involved (i.e., architectural, structural, mechanical, electrical, plumbing, site/civil, etc.). As SCE actively supports a client's expectation of a smooth construction process and successful project outcome, we have found that these efforts successfully and repeatedly aid in the achievement of these goals. This added process is a key in our goal to provide a complete and quality set of bidding documents which effectively eliminates unwarranted change orders. Throughout the Design Development and Construction Documentation phases, we would coordinate regularly with the consulting team, as appropriate, in order to facilitate a smooth process and create a comprehensive and appropriately integrated set of bidding documents.

Estimating

Initial programming meetings with the Client will assist in validating the established construction cost

MANASQUAN PUBLIC SCHOOL DISTRICT

budget. Alternative designs conducted in this initial conceptual design phase would evaluate any available options that could be explored to maintain the established budget. It will be extremely important to maintain and monitor the design process as it continues through the Design Development and Construction Document Phases. The SCE Project Team employs in-house construction cost estimators that would monitor the design documents in relation to the established budget. Options regarding value engineering decisions would be discussed with Borough representatives and the Project Team in order to maintain the budget.

FORUMS EVIDENCE OF ACCURATE COST ESTIMATING AND PROJECT MANAGEMENT EXPERIENCE

SCE has provided accurate cost estimating services as part of our previous project experience on a variety of projects. Many of the projects we design are public facilities that involve buildings, parks and site improvements that benefit the quality of life for the community. Therefore, these projects are publicly funded and must have accurate budgets and estimates of potential construction costs during the design and planning phase's right through to the public bidding phase and construction implementation.

Most of our projects are funded through the public agencies and the appropriate budgets and appropriation of funds must be in place prior to the award of a construction contract. Our team of engineers and landscape architects have accurately estimated construction projects in excess of \$50 million, and has the technical experience and expertise to accurately estimate the construction.

The SCE Project Team will create and implement a Project Management Plan for the project. The following components are included in the Project Management Plan:

Project Management and Quality Assurance

Our in-house project management procedures will ensure the control progress, budget and quality assurance. Project managers are hands on with every project and utilize computer software to track the project's progress and budget. Quality assurance is provided by the continued monitoring and review of project work during the entire design process by both the project managers and department managers. Hands-on experience with each project by project managers and department managers assures timely completion of a high quality project for our clients.

SCE employs a quality control system, a set of master specifications and standard design details, and Quality Control Teams to ensure the highest quality of work throughout each and every project. The system provides specific company design and construction policies and standardized procedures for the review of projects. Specifications and standard design details are maintained and are continually reviewed and updated, ensuring cost as well as quality control.

The major methods used to ensure the quality of the project are:

- Project kick-off meeting with key staff and client
- Development and adherence to strict project schedule and budget
- Assemble technically competent team
- Weekly project status meetings
- Weekly quality control team technical review

MANASQUAN PUBLIC SCHOOL DISTRICT

- Monthly client, Contract Manager and Principal Engineer meeting
- Monthly review of project budget costs
- Monthly technical review meeting/project team

Staff/Project Continuity

SCE believes that continuity in project staffing is key to client satisfaction. Therefore, barring any unforeseen circumstances, we require that our staff be responsible for their respective projects from start to finish. A Principal Owner of the firm will be assigned as the Project Manager for this entire project and will attend meetings and manage the project from concept design through final design documents and construction administration and observation.

Cost Control Measures and Project Schedule Enhancements

Electronic Submissions – We maximize the use of electronic submission of reports/deliverables, via e-mail and the SCE FTP site, to save on reproduction and shipping costs. Documents will reach

Subject Matter Expert (SME) reviewers on a faster track so that they can be reviewed expeditiously (saving time) and electronically archived easily. We can also create and maintain a project-specific web page to distribute project documents and provide project information to the public at large.

Half-Size Printing – We encourage the use of half-size prints (11" by 17") for interim plan set submissions. Reproduction costs can be cut one-third to one-half by eliminating unnecessary full-size plan sheets for various submissions.

Accelerated Schedule – The design of the project can be accelerated and will be outlined in a proposed design schedule. We have found that the projects most rewarding are designed and constructed quickly because design professionals such as landscape architects and engineers want to see their work constructed. In addition, any time we have accelerated a project, we have minimized rework for our clients' procedural changes as well as changes in the community's opinions concerning the project.

On-Board Reviews – On-board reviews with the project team are held throughout design. We recommend that prints be hand-delivered to the Project Manager by SCE at key development points and that a team meeting be held within two weeks thereafter. At this meeting, team members would be present and all outstanding items would be resolved. If any items are left unresolved at the end of this review meeting, a follow up meeting will be set, with remaining outstanding items escalated to the next level for final resolution. Individual discussions would be held with key team members prior to scheduling these meetings so that all key members will have time to review the plans and attend the meetings.

Budget Management – The SCE team is in concurrence with the "Fix It First" mentality. With this mindset and project theme, the team will be able to fully focus on the project scope. SCE fully recognizes our Client's financial constraints. Our approach to the project will be to design improvements while giving the Client, project stakeholders and citizens "the most bang for the buck!"

Quality Assurance/Quality Control

Quality Assurance (QA) is the verification of the effectiveness of quality control measures. SCE will utilize our Department-approved corporate Quality Assurance Manual. Our firm will also prepare appropriate Department Units Quality Assurance Checklists. We recognize that the Client's review does

SCOPE OF SERVICES

MANASQUAN PUBLIC SCHOOL DISTRICT

not relieve SCE of the responsibility of submitting quality documents. The Checklist items are the major design items that are important to assure accurate development of the contract documents.

Our QA/QC Manager and Project Manager will make sure that our team adheres to our approved Quality Assurance Manual. SCE's ability to perform Construction Inspection becomes an integral QA/QC tool during the entire design process. Experienced field engineers will be asked to make reviews periodically during the design process to make sure that the designs are constructible, practical, safe, and economical. SCE's reputation over the years is based on its history of providing a quality product within budget. With a multitude of experienced personnel in various disciplines, our Project Managers can search out the "in-house expert" in the field, or find an individual who has encountered a specific situation before and has addressed seemingly insolvable design issues quickly and efficiently.

SECTION 4: SIMILAR PROJECT EXPERIENCE



IV. SIMILAR PROJECT EXPERIENCE



HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

LOCATION: BOROUGH OF POINT PLEASANT

CLIENT

Point Pleasant School District &
Point Pleasant Board of Education

CONTACT

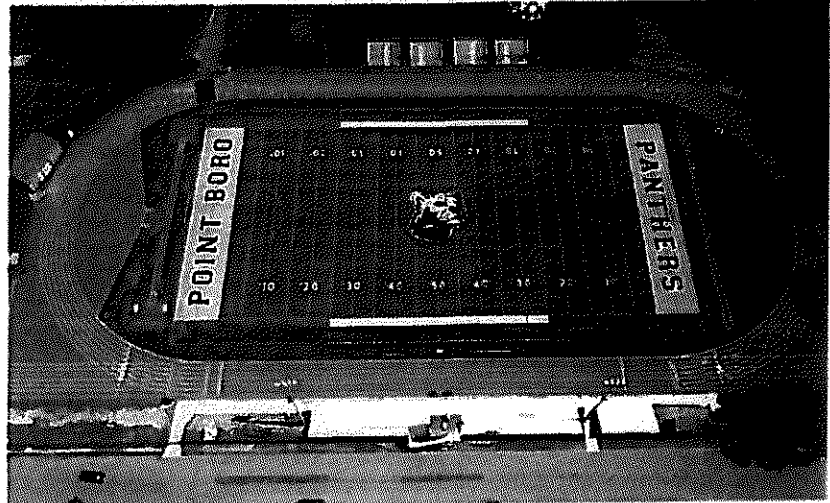
Steve Corso
Business Administrator & Board
Secretary, (732) 701-2502

DATES OF SERVICE

June 2016 to July 2017

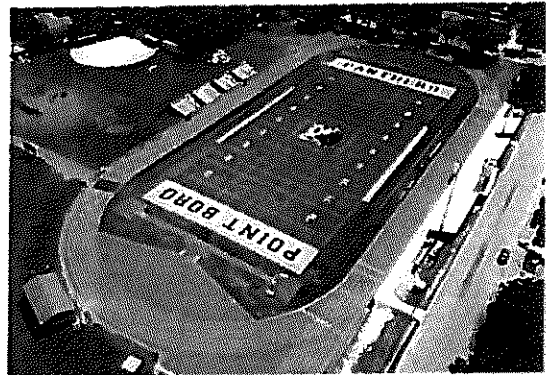
CONSTRUCTION COST

\$ 1.2 Million



SERVICE OVERVIEW:

SUBURBAN CONSULTING ENGINEERS, INC. (SCE) was retained by the Point Pleasant Board of Education to perform engineering services for the planning, site design, soils sampling and testing, field survey and construction observation and administration phase services related to the High School Stadium Field conversion to synthetic turf multi-purpose field facility and the renovation of the 400 meter running track and field events. The high school stadium field previously consisted of a natural grass multi-purpose football / soccer field, an oval track with six (6) lanes and a straight away, home bleacher stand with press box and public address speakers, visitor side bleachers, existing sports lighting and a score board.



The design of the new synthetic turf multi-purpose field required SCE to perform site investigations, test pit explorations and storm water management investigations to accommodate the synthetic turf field and associated drainage system. SCE designed an infiltration based drainage system to retain the majority of storm water runoff on site and allow infiltration into the existing soils. In addition to the new synthetic turf field, the running track and field events were reconstructed. SCE performed surveying and base mapping services, preliminary and final engineering design services, subsurface investigation and soils evaluation, permitting, budget analysis, site design, custom logo and graphics design services, bidding services, and provided construction administration and observation services until project completion in July 2017.



HOWELL HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

LOCATION: TOWNSHIP OF HOWELL

CLIENT

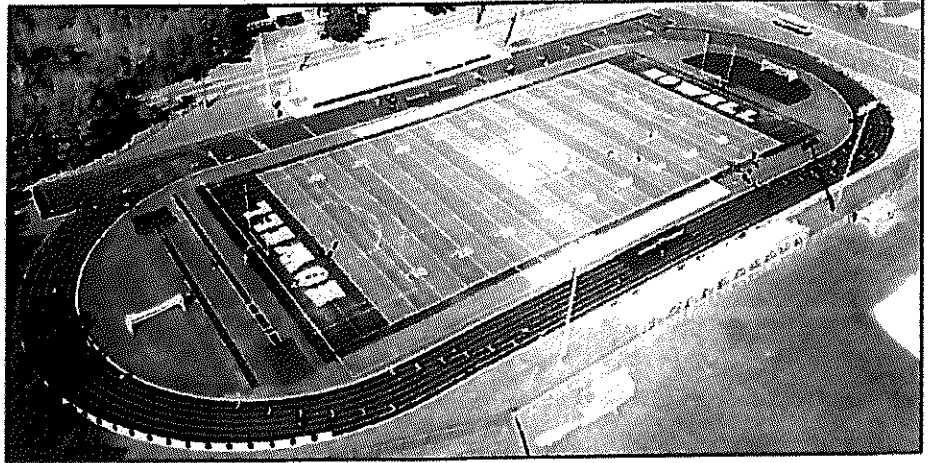
Freehold Regional
High School District

CONTACT

Sean Boyce
Assistant Business Administrator
(732) 792-7300

DATES OF SERVICE

August 2016 - September 2017



SERVICE OVERVIEW:

SUBURBAN CONSULTING ENGINEERS, INC. (SCE) was selected by the Freehold Regional High School District to provide professional engineering, design, permitting, and construction inspection services for the design and construction of synthetic turf fields, drainage improvements, bleacher systems, running track, field events, site fencing and renovations to existing athletic facilities to meet the requirements of the National Federation of State High School Association Standards (NFHS).

The project includes the installation of a synthetic turf multi-purpose athletic field, a 400 meter running track, track & field event facilities, site drainage & utility improvements, bleacher improvements and spectator area improvements and accessible walkways. Site accessibility and updates to site areas for drainage, spectator access to bleachers were evaluated and proposed to be improved. All improvements will be state-of-the-art to include new materials and will meet the standards for high school interscholastic use per NFHS Standards.

SCE will also perform the Construction Inspection & Construction Engineering for the project which will consist of providing part-time inspection of on-going construction activities for compliance with the construction plans and specifications for the project, preparation and issuance of final punch-lists to the contract with copies to the School District, preparation of inspection reports, change order review and recommendation, and attendance at progress meetings.



GEORGIAN COURT UNIVERSITY SYNTHETIC TURF FIELD

LOCATION: TOWNSHIP OF LAKEWOOD

CLIENT

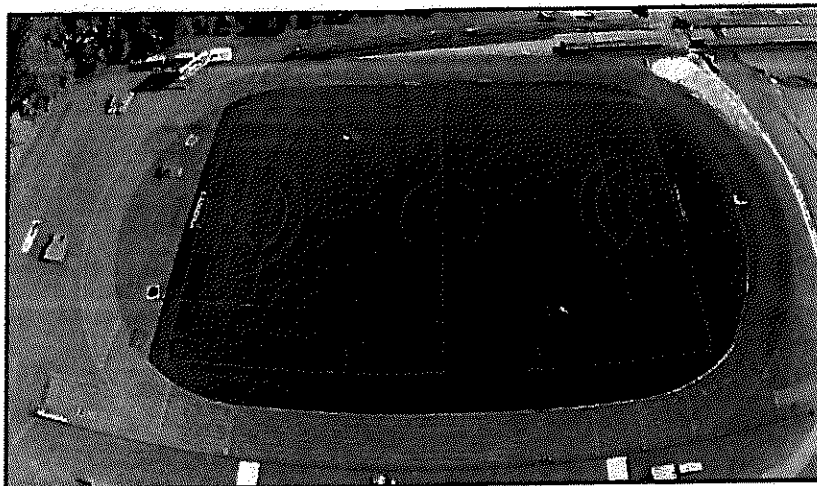
Georgian Court University

CONTACT

John Sommer, Vice President
for Finance & Administration,
(732) 987-2416

DATES OF SERVICE

2015



SERVICE OVERVIEW:

SCE was retained by Georgian Court University to provide all requested services for Design, Permitting, and Construction Oversight Assistance of a Multi-Purpose Synthetic Turf Field at the existing natural grass field located inside the 400 meter running track. SCE designed the replacement of the existing grass field with a state-of-the-art synthetic turf system equipped with under drainage and below grade storm water management piping to ensure drainage meets the requirements of NJDEP, the Township of Lakewood and the Soil Conservation District.



The athletic facilities at the University were designed by members of the SCE Project Team to meet NCAA requirements and include a 400 meter all-weather running track and areas for field events, a multi-purpose soccer/lacrosse/field hockey field, two (2) natural turf softball fields, two (2) natural turf soccer fields, six (6) tennis courts, sports lighting and spectator sitting areas, site walkways, parking areas, and storm water management facilities. The facilities provide a valuable resource and are utilized on a daily basis by the University community.



ROWAN UNIVERSITY - NCAA SYNTHETIC TURF SOCCER FIELD & INTRAMURAL MULTI-USE SYNTHETIC TURF FIELD

LOCATION: BOROUGH OF GLASSBORO

CLIENT

Rowan University

CONTACT

Anthony Gattone,
Project Manager
Tel. (856) 256-5746

DATES OF SERVICE

September 2015- Present

CONSTRUCTION COST

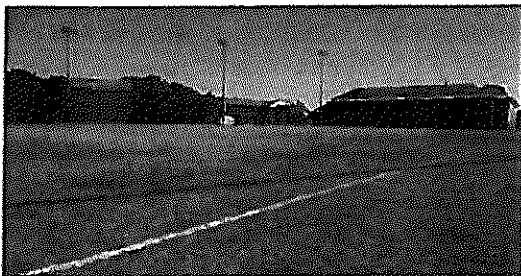
\$2,600,000



SERVICE OVERVIEW:

SCE has been retained by Rowan University to provide the design and construction oversight of a new NCAA synthetic turf soccer field facility and multi-use intramural fields at the existing natural grass field locations. SCE will also prepare landscape architectural, site planning and pedestrian and vehicular improvements to several parking areas, campus walkways and open spaces to create a pedestrian friendly, accessible circulation system. The new parking area and campus walkways will incorporate sustainable design practices to encourage storm water management and provide an enhanced landscape aesthetic to meet the goals of the University.

SCE will provide athletic field improvements that include stormwater design, drainage improvements, pedestrian spectator enhancements and circulation, improved landscape and thematic environment enhancements, and vehicular parking area improvements. The proposed athletic facility improvements will meet all NCAA and FIFA requirements. The facilities will provide a valuable resource for the collegiate athletes and the student community at Rowan University and are part of the overall master planned improvements at one of the most rapidly expanding universities in New Jersey.



ATHLETIC FACILITY IMPROVEMENTS

LOCATION: TOWNSHIP OF LAWRENCE

CLIENT

Lawrence Township Board of Education

CONTACT

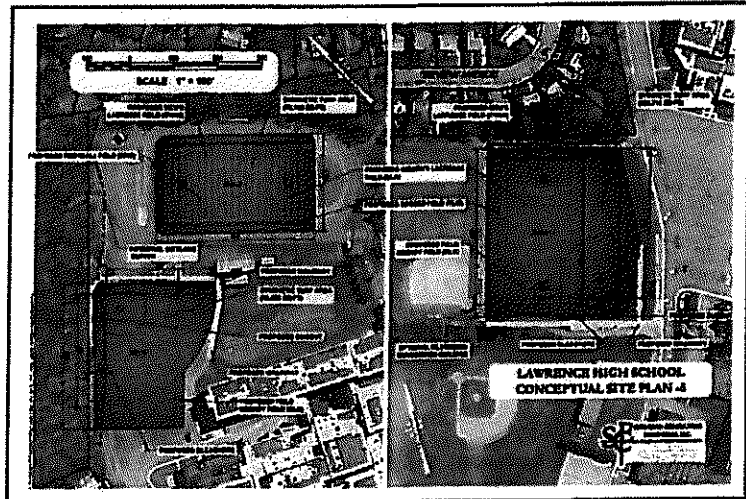
Thomas Eldridge,
Business Administrator
(609) 671-5420

DATES OF SERVICE

April 2015 – Present

CONSTRUCTION COST

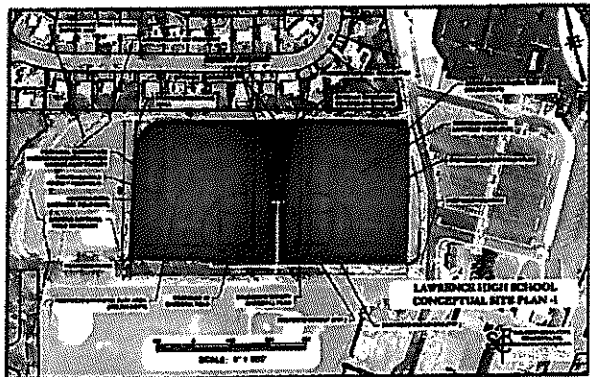
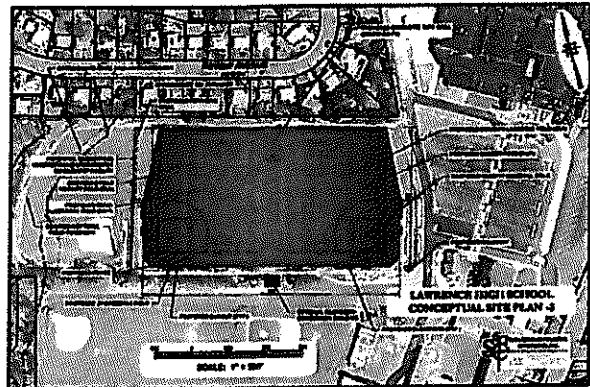
\$3,000,000



SERVICE OVERVIEW:

Lawrence Township Board of Education retained SCE to provide environmental, conceptual, final design and construction observation services for the Board's Athletic Facility Improvements project. The state-of-the-art facility will be located at Lawrence Township High School and Middle School complex and will include new baseball, softball, men's and women's lacrosse, soccer, and field hockey fields. Improvements that are associated with the new facility include drainage, storm water management system, fencing, and walkways the athletic fields. The expectations of the Lawrence Township Board of Education is to maximize the amount of sport usage of their new synthetic turf fields and include numerous site amenities.

SCE evaluated two (2) potential locations for the new synthetic fields and created numerous concepts for the Boards consideration and approval. After initial evaluation of the locations, SCE determined the potential following site constraints; freshwater wetlands, flood hazards, riparian zones, Delaware Raritan Canal Commission and stream corridor buffer potential. SCE prepared five (5) conceptual layouts with cost estimates and presented the design to the committee in May 2015. Design will commence in Summer 2015 and construction to begin in 2016.



ATHLETIC FIELD IMPROVEMENTS / ADDITIONS & ALTERATIONS JAMES CALDWELL HIGH SCHOOL

LOCATION: TOWNSHIP OF WEST CALDWELL

CLIENT

West Caldwell Public Schools

CONTACT

Frank Ennis
Facilities Director
(973) 650-0465

DATES OF SERVICE

May 2015-May 2017

CONSTRUCTION COST

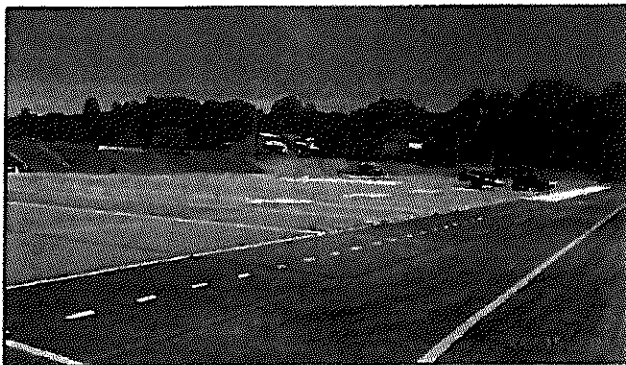
\$ 4.02 Million



SERVICE OVERVIEW:

SCE provided engineering, architectural and surveying services to the West Caldwell Public Schools Board of Education (BOE) at the James Caldwell High School on their athletic facility improvements and additions and alterations projects. SCE performed site investigations at the project site, and reviewed all pertinent project data to provide the BOE with a complete scope of services for this project. The project area consisted of the James Caldwell High School existing stadium and practice fields. SCE provided the BOE with pre-referendum phase services which included field surveying, topographic mapping, wetland delineation, and a letter of interpretation line verification application.

Once the pre-referendum services were complete, SCE provided preliminary and final design, cost estimating and construction document preparation services for the design of their synthetic turf multi-purpose field, a 400 meter running track and field events, site accessibility and drainage improvements. SCE also provided bid phase services and construction administration and observation assistance for the project with FKA Architects. Additionally, SCE coordinated the design of the new bleachers and sports lighting design.



CENTENARY UNIVERSITY - SOCCER/LACROSSE FIELDS

LOCATION: TOWN OF HACKETTSTOWN

CLIENT

Centenary University

CONTACT

Scott Kushner

Assistant Director of Athletics

(908) 852-1400 ext. 2344

DATES OF SERVICE

2013 – 2014

CONSTRUCTION COST

\$1,300,000

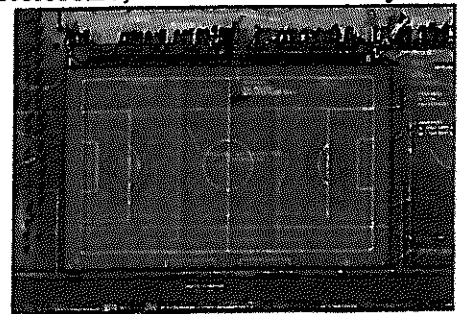


SERVICE OVERVIEW:

SCE was tasked with providing all professional services necessary for the reconstruction of the existing grass soccer/lacrosse field for the installation of the proposed synthetic turf, multi-sport field at Centenary University in Hackettstown, New Jersey. Services include but are not limited to survey, planning/permitting design and construction, administrative services for the proposed field, spectator seating area, scoreboard, stormwater management and site grading. The project also includes the design of several off-site improvements as a condition of local approvals.

A thorough stormwater analysis of the project site was performed including coordination of geotechnical boring and percolation testing of the soils, evaluation and analysis of historic site drainage reports, generation of detailed stormwater models and the design of a stormwater collection, storage and discharge system to meet all local, state and federal regulations. This analysis included design for protection of a soluble limestone bedrock layer discovered beneath the project site.

The design of the multipurpose synthetic turf field includes field impermeable liner for bedrock protection, stormwater under drain, storage and collection system, perimeter curbing/curb-wall and fencing, an elevated spectator area with decorative bleachers, railing and wall padding, scoreboard, field access driveway and concrete walkways with decorative paver accents. The elevated bleacher area was designed to provide a grand, elevated view of the field while maintaining an existing mature planting parking lot buffer area with parking lot lighting. The off-site improvements included sidewalk, curbing, ADA ramps, drainage improvements, and intersection reconfiguration. Traffic calming and pedestrian circulation improvements were also designed to address existing safety issues. Utility relocation requirements were designed and coordinated with the local power company for implementation to facilitate proper turning clearance for emergency vehicles and truck traffic.



MEMORIAL STADIUM TURF FIELD & TRACK

LOCATION: CITY OF NEW BRUNSWICK

CLIENT

City of New Brunswick

CONTACT

Tom S. Guldin, City Engineer
(732) 745-5056

DATES OF SERVICE

November 2014 – Present

CONSTRUCTION COST

\$3.5 Million



SERVICE OVERVIEW:

SUBURBAN CONSULTING ENGINEERS, INC. (SCE) was selected by the City of New Brunswick to provide professional engineering, planning, landscape architectural, structural engineering and athletic facility design services on the Memorial Stadium Turf Field and Track Improvements Project. A Feasibility Study with conceptual designs and cost estimates were prepared for the expansion of the track and field facilities to accommodate an 8 lane track facility to expand the use of the existing 6 lane track.

The project includes the installation of a synthetic turf multi-purpose athletic field, a 400 meter running track, track & field event facilities, site drainage & utility improvements, and spectator area improvements. The existing grandstand and locker room building originally constructed in 1938 as part of a WPA project, will be evaluated for structural and aesthetic improvements in the Conceptual Phase. The design of potential layouts for a new field house locker room building will also be provided along with conceptual layouts of the location of the new building on site. All improvements will be state-of-the-art to include new materials and will meet the standards for high school interscholastic use per NFHS Standards.

This project has a fast track schedule to begin design in Winter 2014 and complete the design and bid phase to commence construction in Spring of 2015 and complete the facility for use of the high school athletic teams by September 2015.



DIOGUARDI FIELD IMPROVEMENTS

LOCATION: TOWNSHIP OF MONTCLAIR

CLIENT

Montclair State University

CONTACT

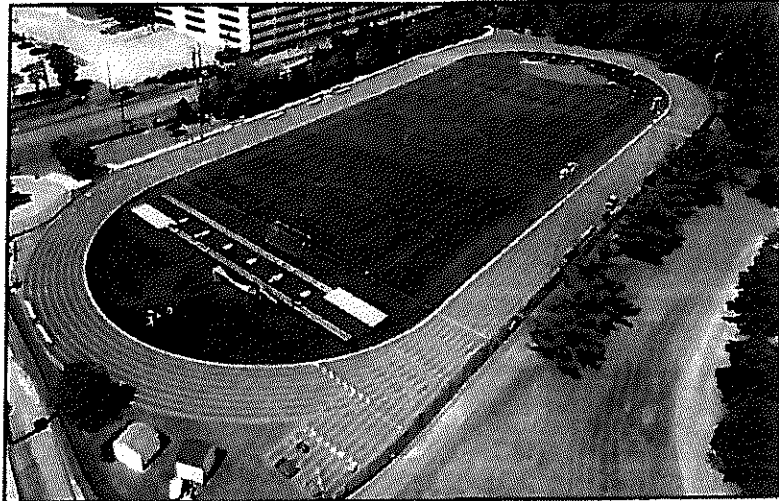
Mike Zanko, Director of
Campus Planning
(973) 655-5457

DATES OF SERVICE

October 2016 – August 2017

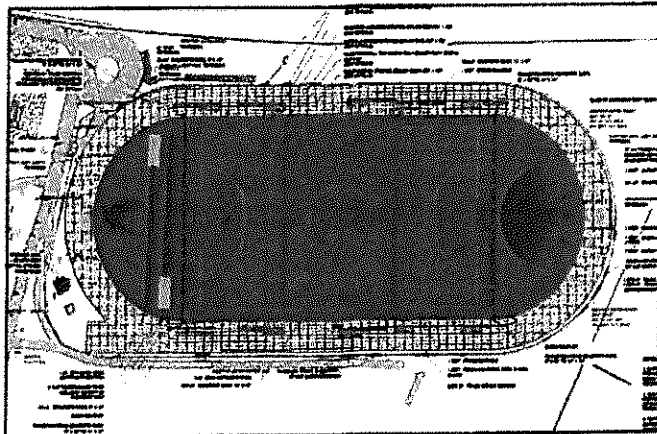
CONSTRUCTION COST

\$805,300



SERVICE OVERVIEW:

SCE was obtained by Montclair State University to provide Design, Permitting, Surveying and Construction Oversight Assistance on their Multi-Purpose Synthetic Turf Field project. Initially, SCE provided surveying services to locate existing features and topography, identify areas of insufficient drainage and locate subsurface drainage and utilities. SCE designed the replacement of the existing grass field with a state-of-the-art synthetic turf system equipped with underdrains and below grade storm water management piping to ensure that the drainage meets the requirements of the NJDEP and the Soil Conservation District. The design of the field had a particular emphasis on specific types of access types including, ADA, bicycle, vehicular and buss locations. SCE also designed the field marketing for soccer and various intramural sports and transitions between the new synthetic turf field and the existing running track material.



MONTCLAIR STATE UNIVERSITY SOFTBALL STADIUM IMPROVEMENTS

LOCATION: TOWNSHIP OF MONTCLAIR

CLIENT

Montclair State University

CONTACT

Mike Zanko, Director of
Campus Planning
(973) 655-5457

DATES OF SERVICE

July 2015 – Present

ESTIMATED COST

\$850,000



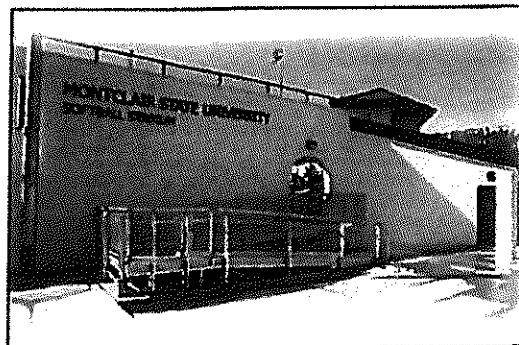
SERVICE OVERVIEW:

SCE has been retained by Montclair State University to provide all requested services for civil/site/geotechnical engineering, planning, design, landscape architecture, cost estimates, electrical, survey and construction observation for their Softball Stadium Improvements Project.

This project includes replacement of the existing synthetic turf field, extending the current outfield dimensions, changing the infield clay mixture and installing other improvements to resolve drainage issues, providing electric heat to the home locker room, stadium painting, improving circulation paths for ADA accessibility, improving existing roads and sidewalks to enhance bicycle traffic, installing a bus shelter, and various other site and stadium improvements

SCE is also utilizing our in-house survey crew personnel and state-of-the-art survey equipment, including but not limited to GPS and robotic stations to conduct supplemental survey information for the topographic and planimetric survey of the project site, in order to provide detailed engineering plans for construction documents and permitting approval purposes.

SCE is coordinating with other consultants and contractors as well as various University Departments throughout the duration of this project. Our team of professionals are providing detailed construction cost estimates, construction administration and a construction phasing plan and will obtain all applicable permits from Local, State, and Federal governing authorities for this project.



BOVERINI STADIUM ATHLETIC FACILITY IMPROVEMENTS MASTER PLAN

LOCATION: CITY OF PASSAIC

CLIENT

Passaic Board of Education

CONTACT

Barry Stein, Building Services
Administrative Manager
(973) 815-8897

DATES OF SERVICE

April 2011 – 2013

ESTIMATED CONST. COST

\$4,990,000



NJPO 2014 ACHIEVEMENT IN PLANNING AWARD WINNING FACILITY

SERVICE OVERVIEW:

The Passaic Board of Education selected SCE as the consultant for master planning, design and construction administration services for the rehabilitation of the athletic fields and facilities at Boverini Stadium. SCE was selected based on its proven performance on athletic facility design and construction experience on projects requiring a fast track design, bid, and build schedule to meet the needs of the school district and the community. The project includes the design of multi-purpose synthetic turf fields to accommodate football, soccer, and baseball fields within the inside of a 400 meter track, design of a synthetic turf softball/little league baseball field, additional synthetic turf soccer and football practice areas, design of track & field events with new all-weather surfacing to meet NFHS standards, and the design of sports lighting for all fields and activities within the stadium facility. Site improvements include the design of new site grading and new retaining walls surrounding the entire western perimeter of the stadium to provide additional field areas and improved site access and drainage facilities. Additional services include soils and geotechnical investigations, soils sampling and testing, and coordination with all regulatory agencies and the State of NJ Department of Education. The project required an aggressive design, bid and construction schedule and included extensive site layout, grading and earthwork, and design improvements that involved detailed engineering and project management services to coordinate the budgetary and scheduling needs of the Passaic Board of Education. The entire project was completed from field survey, conceptual design, soils investigations and testing, to final design, permitting and construction documents over a period of six and one-half weeks. Site improvements also include improved subsurface drainage systems, site electric service, retaining walls, privacy walls, security fencing, maintenance access areas, storage buildings, irrigation system for site maintenance, improved pedestrian access and spectator sitting areas.

PROJECT HIGHLIGHTS

- Design of multiple fields with over 175,000 square feet of synthetic turf.
- Field work, design and permitting completed in less than 7 weeks.
- Stadium and athletic field sport lighting for entire facility.



HAMILTON FIELD PHASE II TRACK & SOCCER FIELD

LOCATION: TOWN OF DOVER

CLIENT

Dover Board of Education

CONTACT

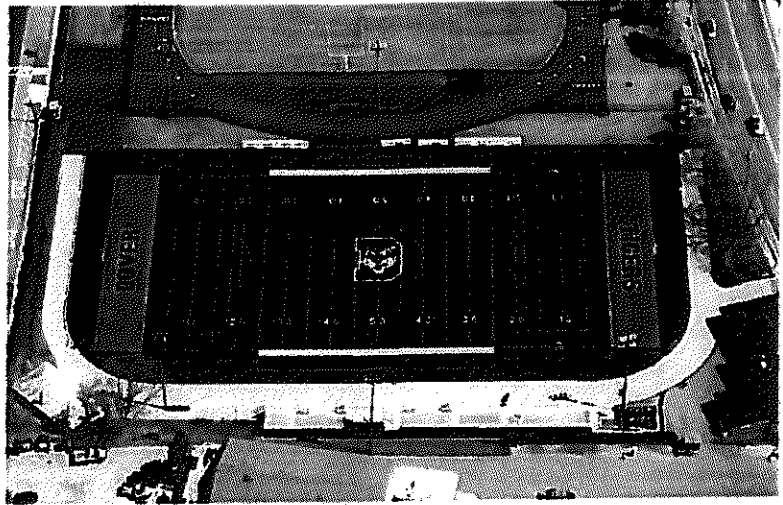
Bob Becker, Superintendent
Dover Public Schools
(973) 989-2000

DATES OF SERVICE

March 2012 – 2013

CONSTRUCTION COST

\$1,275,000



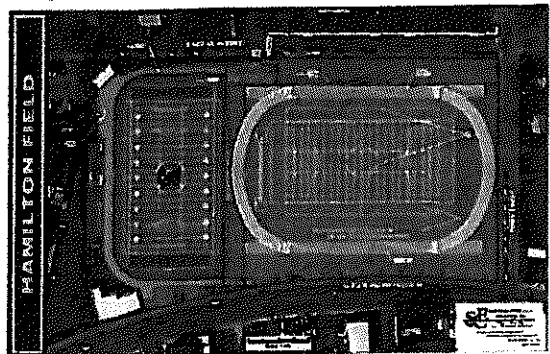
SERVICE OVERVIEW:

Upon completing the overall master plan for Hamilton Field, SCE was retained by the Dover Board of Education to plan, design and perform full contract and construction administration services. The phase II project was associated with an all-weather, 400-meter running track and field events within the area of the existing natural grass practice fields located easterly of the newly installed synthetic turf field. Adequate space exists to provide pedestrian circulation and gathering areas for spectators within the entire sports complex. Specific areas are provided for the home and visitors of the football field as well as for a track event. Bleachers and full circulation to access the concession area is provided. Improvements to the concourse area were evaluated to explore the possibility of creating a paver block area for aesthetics as well as providing an easily maintainable space.

PROJECT HIGHLIGHTS

- Master Planning Services
- Concept and Design Phase
- ADA Compliance
- Agency Permitting
- NFHS Compliance

Modifications in the location of the running track were implemented to establish adequate space for the proposed track and field facilities without impacting the existing light poles. The interior of the track was designed as a state-of-the-art natural grass multi-purpose field with full irrigation for development and support of a deep root turf system. The athletic facility included all field events located within the center field area. Cost estimates were prepared for each concept to assist the Board of Education during the planning phase. These cost estimates included itemized improvements in order to develop an overall comprehensive construction budget. SCE also coordinate the implementation of all permit applications necessary for processing in order for governing agencies to issue permits.



NJ INSTITUTE OF TECHNOLOGY WELLNESS & EVENT CENTER MULTI-USE SYNTHETIC TURF FIELD

LOCATION: CITY OF NEWARK

CLIENT

New Jersey Institute of Technology /
AECOM

CONTACT

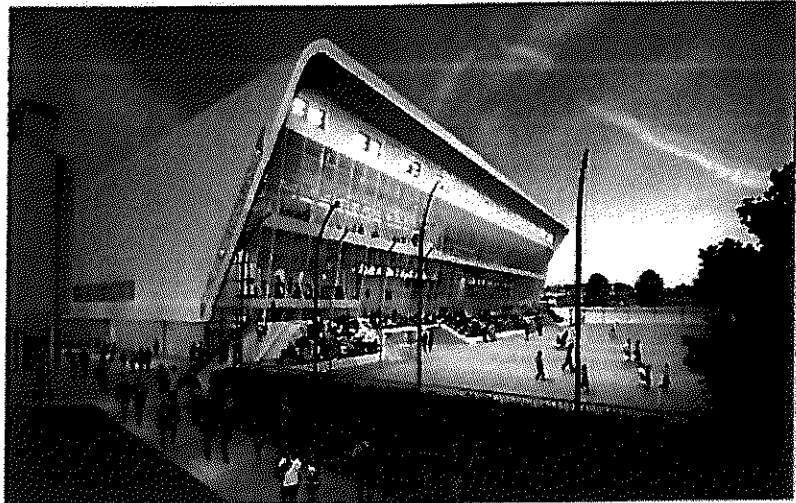
Andrew Schwartz, NJIT, Asst. AD
(973) 642-7224
Scott Sayers, AECOM Proj. Manager
(816) 360-4328

DATES OF SERVICE

January 2016 - Present

EST. CONSTRUCTION COST

\$1,100,000



SERVICE OVERVIEW

SUBURBAN CONSULTING ENGINEERS, INC. (SCE) was selected by AECOM and New Jersey Institute of Technology to assist in the design and construction phase services for the new synthetic turf field on the campus of New Jersey Institute of Technology (NJIT) at the new Wellness and Event Center Athletic Field. SCE developed a schematic design plan for the improvements of the outdoor recreation facility based on our findings from the base map, utility plans, grading plans, drainage plans, and construction details already completed.

SCE is providing construction estimates, preliminary and final engineering plans and details, drainage assessment and design, final design development, engineering coordination, construction drawings and specifications, bidding assistance, and construction administration and observation services for the University on this noteworthy new facility.



IRVINGTON HIGH SCHOOL ATHLETIC FACILITY

LOCATION: TOWNSHIP OF IRVINGTON

CLIENT

Irvington Board of Education

CONTACT

Dr. Neely Hackett
Superintendent of Schools
(973) 399-6800 ext. 2110

DATES OF SERVICE

2011 - 2013

CONSTRUCTION COST

\$3 million



SERVICE OVERVIEW:

The Township of Irvington Board of Education selected SCE and DMR Architects as the consultant for design, permitting, and construction administration services as part of a design team for the rehabilitation of the athletic fields and facilities at Irvington High School's Matthew's Field. SCE was selected based on its proven performance with athletic facility design and construction experience on projects requiring fast track design and build schedules that meet the needs of the school district and the community.

The project includes the design of multi-purpose synthetic turf fields to accommodate football, soccer and track events within the inside of a new all-weather surface running track, design of new spectator bleacher seating with press box, additional natural turf practice areas, design of track & field events with new all-weather surfacing to meet NFHS standards, and the design of sports lighting and sound system for all fields and activities within the stadium facility, the renovation of restroom facilities and a new concession building and storage facilities. Site improvements include the design of new site grading and new fencing surrounding the entire perimeter of the facility to provide additional field access and improved site access and drainage facilities. Additional services include coordination with all regulatory agencies and the State of NJ Department of Education.

The project required an aggressive design and construction schedule and included extensive site layout, grading and earthwork, and design improvements that involved detailed engineering and project management services to coordinate the budgetary and scheduling needs of the Irvington Board of Education. Site improvements also include improved subsurface drainage systems, site electric service, security fencing, maintenance access areas, improved pedestrian access, Hall of Fame Entrance Plaza, state-of-the-art score board with messaging system and full stadium sound and graphics, and spectator sitting areas.



HIGH SCHOOL STADIUM SPECTATOR PLAZA

LOCATION: BOROUGH OF POINT PLEASANT

CLIENT

Point Pleasant School District &
Point Pleasant Board of Education

CONTACT

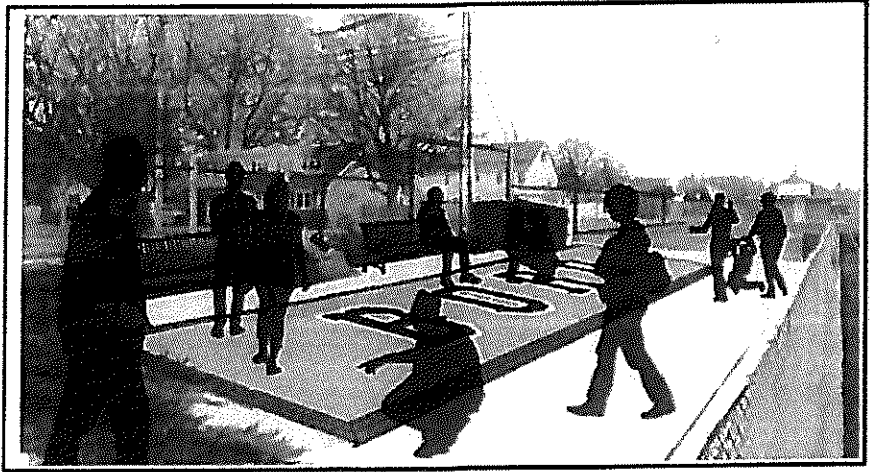
Steve Corso
Business Administrator & Board
Secretary, (732) 701-2502

DATES OF SERVICE

September 2017 to October 2017

CONSTRUCTION COST

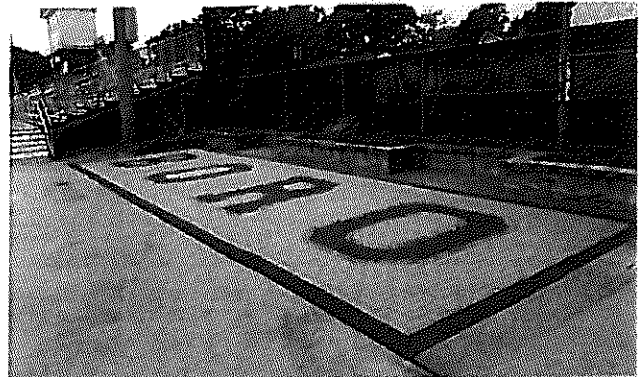
\$ 30,000



SERVICE OVERVIEW:

SUBURBAN CONSULTING ENGINEERS, INC. (SCE) was retained by the Point Pleasant Board of Education to perform engineering services for the planning, site design, construction observation and administration phase services related to the High School Stadium Spectator Plaza. The plaza was designed as a space for students, spectators and fans to gather during events at the newly reconstructed stadium synthetic turf field and 400 meter running track. Future additions to the spectator plaza will link the plaza to the restrooms and concession stand located north of the plaza and home side bleachers.

SCE performed surveying and base mapping services, preliminary and final landscape architecture design services, budget analysis, site design, custom logo and graphics design services, bidding services, and provided construction administration and observation services until project completion in the Fall of 2017.



WHIPPANY PARK HIGH SCHOOL

LOCATION: TOWNSHIP OF WHIPPANY

CLIENT

Hanover Park Regional High
School District

CONTACT

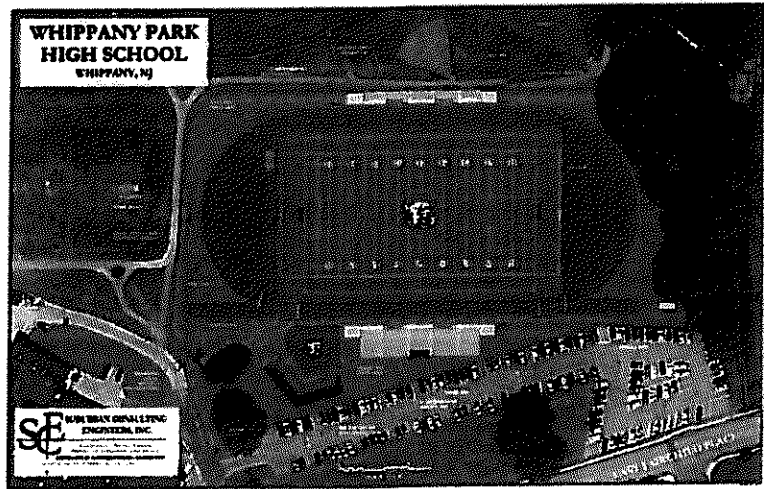
Carol Grossi, Superintendent
(973) 887-0320

DATES OF SERVICE

October 2012 to Present

CONSTRUCTION COST

\$4,000,000



SERVICE OVERVIEW:

The Hanover Park Regional High School District in Morris County selected the Design Team of FKA Architects and SCE to provide complete survey, conceptual master plan study, environmental investigations, preliminary and final design and construction document preparation and construction administration services for the replacement of a natural grass football, soccer, lacrosse field with a synthetic turf athletic field with improved site grading, storm water management, field amenities, bleachers, sports lighting, pedestrian access and ADA accessibility, track restoration, a new field house, concession building with entrance plaza area and site amenities at the high school stadium field.

The Project Team provided pre-referendum field survey, wetlands investigations, cost estimating and preliminary design services in 2012 to establish the community's needs and establish the potential cost to develop the project on a fast track schedule to meet the needs of the Board of Education and the public athletic organizations in the community.

PROJECT HIGHLIGHTS

- Part of an overall Athletic Facility Master Plan to improve overall athletic facilities.
- Conceptual Design and Pre-referendum services provided.



HANOVER PARK HIGH SCHOOL

LOCATION: TOWNSHIP OF EAST HANOVER

CLIENT

Hanover Park Regional High School District

CONTACT

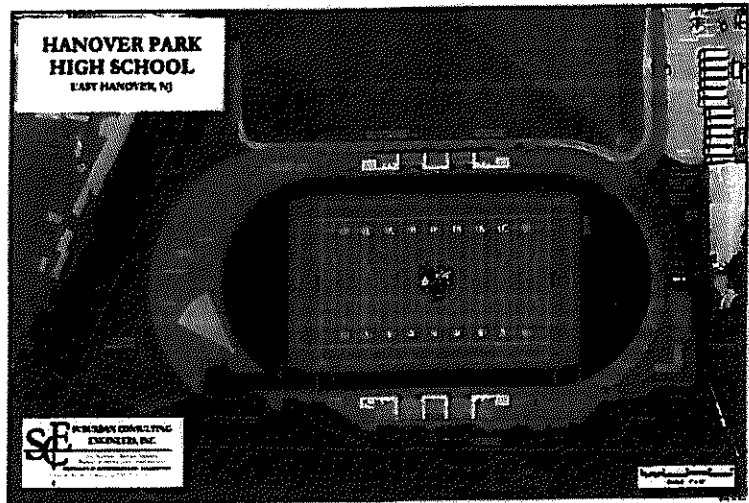
Carol Grossi, Superintendent
(973) 887-0320

DATES OF SERVICE

October 2012 – Present

CONSTRUCTION COST

\$4,500,000



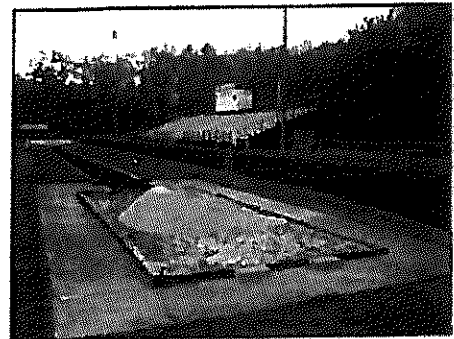
SERVICE OVERVIEW:

The Hanover Park Regional High School District in Morris County selected the Design Team of FKA Architects and SCE to provide complete survey, conceptual master plan study, environmental investigations, preliminary and final design and construction document preparation and construction administration services for the replacement of a natural grass football, soccer, lacrosse field with a synthetic turf athletic field with improved site grading, storm water management, field amenities, bleachers, pedestrian access and ADA accessibility, track restoration and site amenities at the high school stadium field, and athletic facilities at the high school.

The Project Team provided pre-referendum field survey, wetlands investigations, cost estimating and preliminary design services in 2013 to establish the community's needs and the potential costs to develop the project on a fast track schedule to meet the needs of the Board of Education and the public athletic organizations in the community.

PROJECT HIGHLIGHTS

- Part of an overall Athletic Facility Master Plan to improve the athletic facilities.
- Conceptual Design and Pre-referendum services provided.



BOVERINI STADIUM GRANDSTAND REHABILITATION: PHASE II

LOCATION: CITY OF PASSAIC

CLIENT

Passaic Board of Education

CONTACT

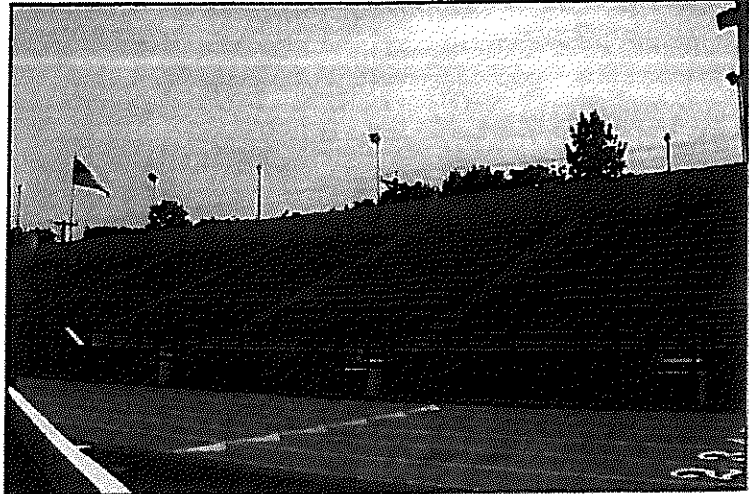
Mr. Barry Stein
Facilities Manager
(973) 470-5553

DATES OF SERVICE

January 2013 - September 2013

CONSTRUCTION COST

\$ 1.2 million



SERVICE OVERVIEW:

SCE was selected by the Passaic Board of Education to compose a design team and manage the construction of various improvements to the Boverini Stadium Grandstand Structure. SCE was the lead consultant and worked with our architectural and MEP subconsultants to rehabilitate the original structure that was originally constructed in 1927. The scope of work for the first two contracts of this project included the following items:

- The design of improvements to the existing grandstand structure that waterproofed the bleacher seating side of the existing structure, eliminating water infiltration into the interior of the structure and repaired concrete surfacing and railings.
- The complete design of the renovation of the existing structure façade with new windows, doors, ventilation, coatings and masonry repairs where required.
- Design of a new heating and ventilation system with new vents to eliminate the existing domed façade vents in the structure.
- Design of a stadium streetscape along River Avenue to include decorative paver areas, spectator areas at the main entrance and ticket windows, bollards for vehicular and pedestrian separation, and drainage improvements to reduce maintenance requirements.
- Future improvements include the renovation of the existing Men's and Woman's restrooms and the locker rooms, changing areas, showers, floor and wall surface treatments and lighting improvements.

The project included items specified as "Alternate" bid items into the base bid in order to meet the project budget. A thorough evaluation for construction completion was performed that coincided with the school's activity schedule.



ANGELS OF VICTORY FIELD

LOCATION: BOROUGH OF WATCHUNG

CLIENT

Mount Saint Mary Academy

CONTACT

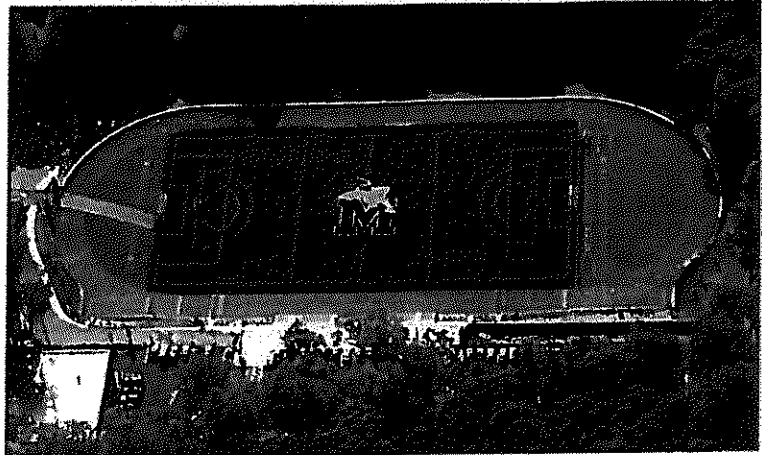
Sister Lisa Gambacorto, Ed.
S, RSM- Directress
(908) 757-0108

DATES OF SERVICE

2007-2008

CONSTRUCTION COST

\$5,500,000



RECIPIENT OF ASBA 2009 DISTINGUISHED SPORTS FIELD PROJECT AWARD

SERVICE OVERVIEW:

The Angels of Victory field at Mount St. Mary Academy won the prestigious honor of being named one of the Distinguished Sports Field Projects of 2009 by the American Sports Builders Association (ASBA). This project included the installation of a new, six-lane equal quadrant track and synthetic field in the summer of 2007. The facility includes 100,000 cubic yards of earthwork and 30,000 square feet of retaining walls to provide the proper grade for the proposed use. The entire facility was designed by SCE under the direct supervision of Mr. Daren J. Phil, PE. The track and field layout was designed to adhere to the strict standards established by the National Federation of State High School Associations for certification as an ASBA Class 3 facility. This standard promotes the ability for setting national collegiate or NCAA records. The synthetic turf field was designed as a multi-sport facility that was permanently striped for soccer, lacrosse and field hockey sporting events. The facility has been designed utilizing all state-of-the-art materials including in-filled synthetic turf, polyurethane track surfacing, field event equipment, bleachers, scoreboard, stormwater management improvements, retaining wall system and access/security fencing. Management of this facility was coordinated by SCE to hold strict tolerances on the field construction and selected specifications. The facility design included the incorporation of the Academy colors and custom logos for team recognition. Advanced fiber optic video and digital audio systems were also included into the facility for interface with the athletes and spectators. SCE has also provided expertise in the evaluation and processing of the applicable permits addressing local, county and state requirements. Change orders that were requested by the Directress were performed after implementation of a value engineering assessment to minimize increases in the project costs.

PROJECT HIGHLIGHTS

- Received the ASBA 2009 Distinguished Sports Field Project award.
- Meets NFHS for certification as an ASBA class 3 facility.



UNION CATHOLIC HIGH SCHOOL

LOCATION: TOWNSHIP OF SCOTCH PLAINS

CLIENT

Union Catholic High School

CONTACT

Karen Piasecki, Associate
Principal
(908) 889-1600

DATES OF SERVICE

June 2009 – November 2009

CONSTRUCTION COST

\$1,400,000



SERVICE OVERVIEW:

The Union Catholic High School Sports Complex was a multi-purpose facility that included a four (4) lane 400 meter track with six (6) lane 110 meter hurdle run that enclosed a baseball field, softball field and soccer/lacrosse field. The significant economic attribute of this facility is the merger of the baseball warning track and foul ball areas as a running track. The project commenced in June 2009 and was completed November 2009. The facility included the entire regrading of the existing field to meet applicable design standards. Property constraints required the installation of retaining walls and extensive regrading and tree removal to minimize the off-site disposal of excess materials. The entire facility was designed by SCE under the direct supervision of Mr. Daren J. Phil, P.E., P.P., C.M.E. The entire facility was design to adhere to the strict standards established by the National Federation of State High School Associations for certification as an ASBA Class 4 facility. The synthetic turf field was designed as a multi-sport facility that was permanently striped for baseball, softball, soccer and lacrosse sporting events. Select colors to establish base lines and infield areas were also implemented to enhance the facility's aesthetics. The facility has been designed utilizing all state-of-the-art materials including in-filled synthetic turf, polyurethane track surfacing, field event equipment, bleachers, scoreboard, stormwater management improvements, retaining wall system, lighting and access/security fencing. The sporting facility improvements were constructed under a design build contract that utilized the extensive experience and expertise of the SCE and The Landtek Group. Management of this facility was coordinated by SCE to hold strict tolerances on the field construction and selected specifications. The facility design included the incorporation of the school colors and custom logo for team recognition. SCE also provided the expertise in the evaluation and processing of the applicable permits addressing Local, State and County requirements.



JAMES J. BRADDOCK PARK ATHLETIC FACILITY & PASSIVE RECREATION AREA

LOCATION: TOWNSHIP OF NORTH BERGEN

CLIENT

County of Hudson

CONTACTS

Demetrio Arencibia, PE, County Engineer
(201) 369-4340

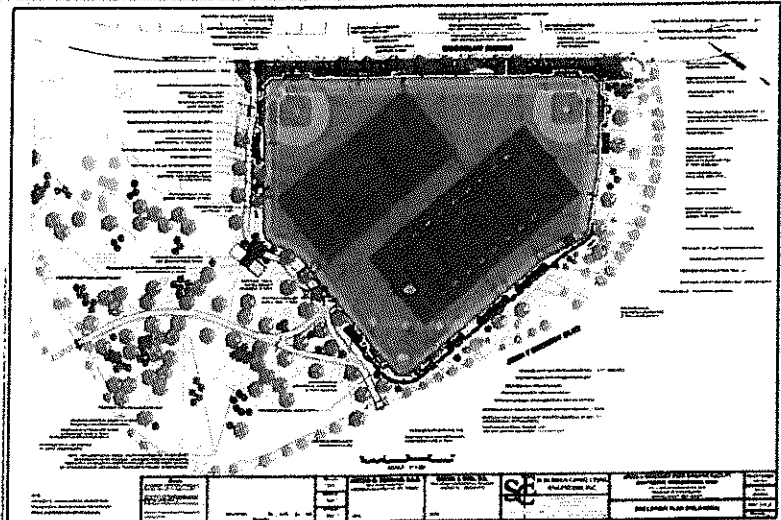
Joe Cecchini, Division Chief
Hudson County Parks
(201) 915-1388

DATES OF SERVICE

April 2014 – Present

CONSTRUCTION BUDGET

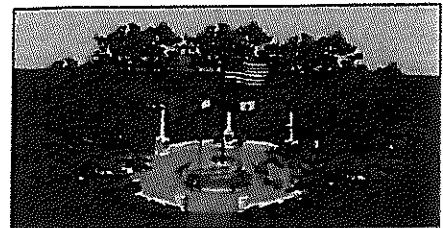
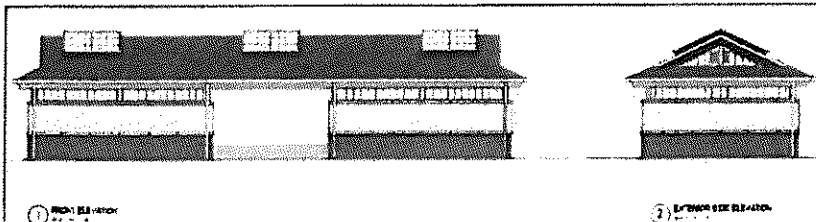
\$ 6 MILLION



SERVICE OVERVIEW:

SUBURBAN CONSULTING ENGINEERS, INC. (SCE) was selected by the County of Hudson to provide athletic facility engineering design, landscape architecture and construction administration and observation services to redesign the northern athletic fields of James J. Braddock Park. The area was designed to accommodate a multi-purpose synthetic turf athletic facility to include football and soccer fields overlaid on the outfield areas of three (3) baseball and softball fields. The entire project was designed within the established project schedule and less than the allocated budget for the County of Hudson.

The project consists of construction of approximately 230,000 sf. of synthetic multi-use fields to accommodate soccer, football, softball and baseball games. The project improvements include LED sports lighting, backstops, dugouts, bleacher areas, scoreboards, accessible pathways, retaining walls, water fountains, a peripheral fence for reasons of security and field preservation, drainage improvements, landscape design, park signage and a custom designed restroom and storage building and all other athletic facility amenities. The westerly portion will include an integrated pathway system with informal landscape treatment for passive recreational use between the active and passive recreation amenities. A restroom building will be constructed to service the entire northerly portion of the County park for simultaneous multiple events, as well as passive recreation. Selected landscape elements are implemented to complement the entire site within the project limits. Retaining walls were designed to maintain the required elevations of the synthetic field surfaces. Park and recreational furniture, conducive to the passive and recreational activity planned for this area, are incorporated into the design and are complemented by various landscaping features.



BASEBALL & SOFTBALL FACILITY IMPROVEMENTS PRINCE RODGERS COMPLEX

LOCATION: TOWNSHIP OF BRIDGEWATER

CLIENT

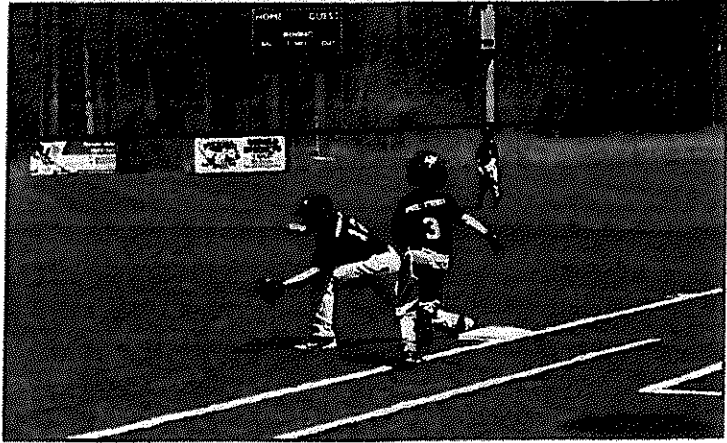
Bridgewater Baseball & Softball, Inc.

CONTACT

Sal Bilia, Executive Board, Vice
President, Director of Baseball &
Softball Operations
(908) 705-0747

DATES OF SERVICE

January 2014 – May 2014



SERVICE OVERVIEW:

SCE represented Bridgewater Baseball, Inc. on its athletic facility improvements project in the Spring of 2014 and provided site planning, engineering, regulatory compliance and construction phase services for the baseball infield area improvements at Fields PR2 and PR 3 at the Prince Rodgers Complex, located in the Township of Bridgewater, County of Somerset, New Jersey.

SCE reviewed and researched the two (2) baseball infield areas and the adjacent sites relative to the limits of the floodplain, wetlands, transition area requirements and any prior uses. The two little league baseball infields were designed as expandable to allow for 50/70 league baseball play. The updates to the field included a new synthetic turf infield surface equipped with an under drainage system. SCE field surveyed and evaluated the existing baseball field areas and developed a recommendation for drainage improvements to address site deficiencies within the area of the proposed improvements. SCE also provided testimony at the Township Planning Board meeting and provided construction phase administration and observation services.

SCE completed the project in Spring 2014, just in time for the start of the little league baseball season. The new facility has been very successful for the Township of Bridgewater by avoiding many rainouts due to field conditions and reducing the need to reschedule games and practices throughout the season.



THE COLLEGE OF NEW JERSEY TENNIS COURTS

LOCATION: TOWNSHIP OF EWING

CLIENT

The College of New Jersey
(TCNJ)

CONTACT

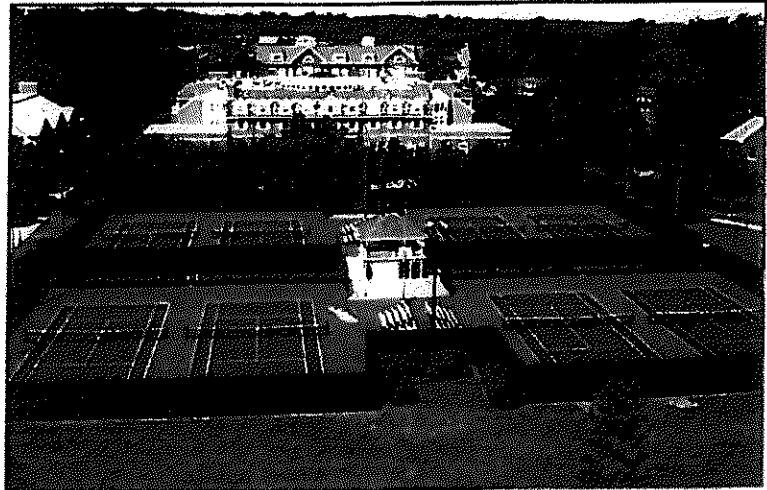
David Matlack, Engineer
Project Coordinator
(609) 637-5140

DATES OF SERVICE

2011 – 2012

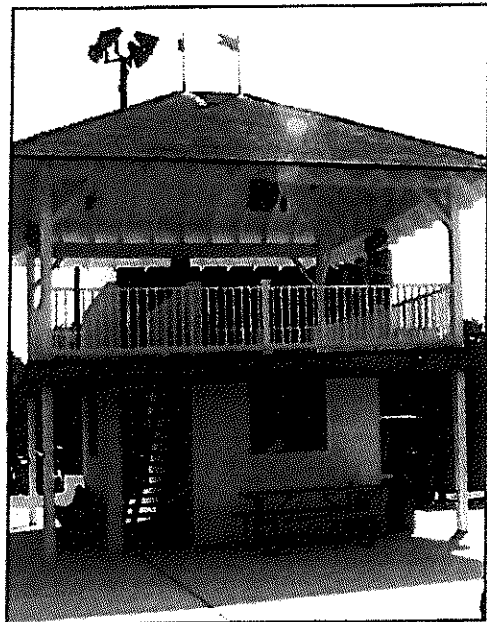
CONSTRUCTION COST

\$426,500



SERVICE OVERVIEW:

SCE provided services to The College of New Jersey (TCNJ) for the design, renovation and site improvements to the tennis court facilities. Services include the development of an overall master plan of the proposed improvements, conceptual design plans, cost estimates, site plans, permitting plans, and construction documents and construction inspection and administration. The new facility meets NCAA requirements and include improvements to eight (8) tennis courts, spectator areas, fencing improvements, drainage and landscape improvements, site walkways, spectator pavilion, and storm water management facilities. The newly reconstructed tennis court was a great update to the campus especially with the improvements of the eye-catching blue and green colors of the courts.

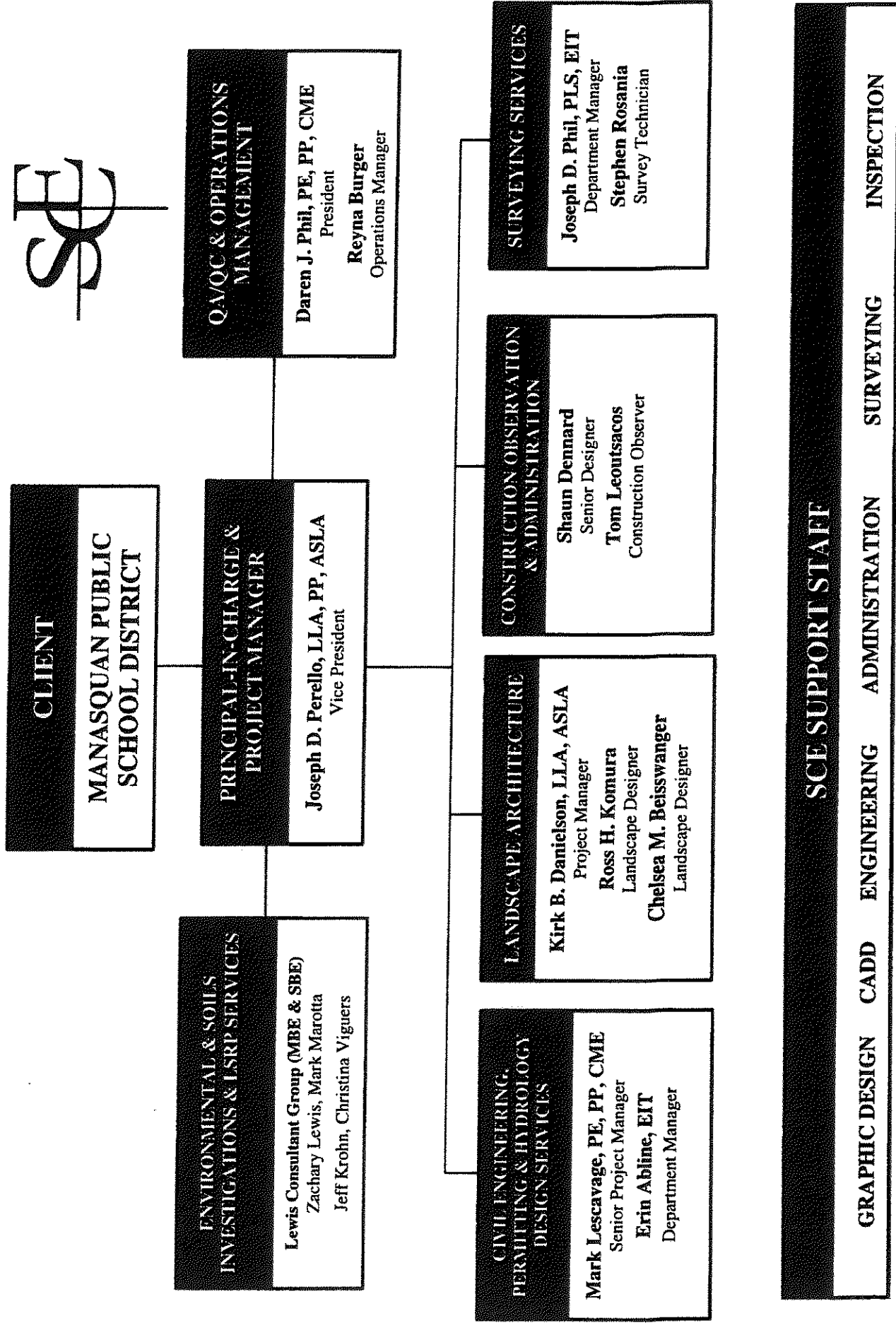


SECTION 5: ORGANIZATIONAL CHART / KEY STAFF RÉSUMÉS



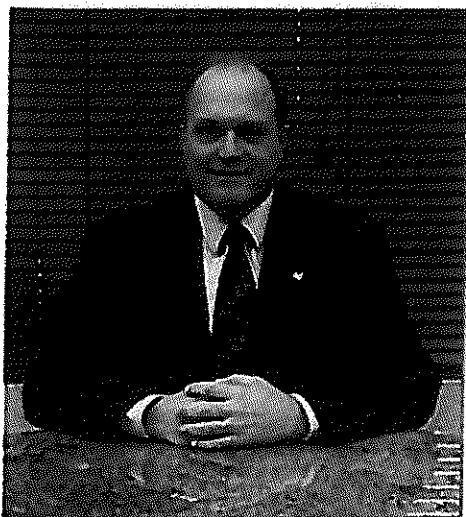
V. ORGANIZATIONAL CHART / KEY STAFF RÉSUMÉS



ORGANIZATIONAL CHART

JOSEPH D. PERELLO, LIA, ASLA, PP

VICE PRESIDENT



EDUCATION

B.S., Environmental Planning and Design,
Landscape Architecture, 1987
Rutgers University, New Brunswick, NJ

PROFESSIONAL REGISTRATIONS & LICENSES

Licensed Landscape Architect, NJ
Registered Landscape Architect, PA
Licensed Professional Planner, NJ

PROFESSIONAL MEMBERSHIP

American Society of Landscape Architects
(ASLA)
New Jersey Chapter, ASLA (NJASLA)
NJASLA Chapter President, 2003 and
Executive Committee Member,
1999 - 2004
NJASLA Annual Meeting Committee
Member, 1997 to 2014 and
Exhibit Chair, 1998 to 2014
New Jersey Recreation & Parks Association
(NJRPA) Commercial Member 1994 -
Present
American Sports Builders Association
(ASBA) 2010 - Present

PROFESSIONAL EXPERIENCE

Mr. Perello, a Vice President, Principal and Licensed Landscape Architect at SUBURBAN CONSULTING ENGINEERS, INC. (SCE), has expertise that lies in the master planning, site design, and construction documentation and administration of public and private facilities that include master plans, parks and recreation facilities, streetscapes and urban plazas, and site plans for commercial, corporate, residential, and institutional facilities.

With over 29 years of experience with both public and private sector clients, Mr. Perello is fully versed in management and design of projects including site analysis, conceptual and final design, design development, graphic renderings, public presentations, construction document preparation and project site supervision. Prior to joining SCE, Mr. Perello was a Principal and Manager of the Landscape Architecture Department at a national multi-disciplinary engineering firm. Mr. Perello has been instrumental in the preparation of municipal and county wide master plans, the coordination and presentation of public input meetings, and the successful design and project management of noteworthy public spaces and park and recreation facilities. Throughout his experience, Mr. Perello has collaborated in the design, planning and project management of hundreds of public facility projects in the NJ, NY and PA region, and has received more than 30 awards for projects recognized for design excellence.

Mr. Perello's expertise pertaining to site design, landscape architecture and site improvements is demonstrated in his role as project manager and landscape architect for numerous projects throughout the region. Examples of Mr. Perello's experience in the preparation of the design of facilities include projects such as Boverini Stadium Grandstand & Athletic Fields in Passaic, New Brunswick Memorial Stadium Synthetic Turf Field and Track Facilities, Hamilton Field & Running Track in Dover, Roberto Clemente Field in Passaic, Manchester Regional High School District Track, Irvington High School Stadium, Hanover Park High School Athletic Facilities, Whippany Park High School Athletic Facilities, Lawrence Township School District Athletic Facilities, West Caldwell Athletic Facilities, Lakeland School District Site Improvements, Union Catholic High School Athletic Facilities, Newark Academy Site Improvements, Mount Saint Mary Academy Improvements, The College of NJ NCAA Tennis Courts, Centenary College Site Athletic Facilities, Warren Hills High School Site Improvements, Bergen County Tech Site Improvements, Essex County College Site Improvements, Delbarton Improvements, Pt. Pleasant School District Site & Athletic Facility Improvements, Jackson Schools Site Improvements, Freehold Regional High School District Improvements, Barnegat School District Site Improvements, Seton Hall University Campus & Athletic Facility Improvements, Georgian Court University Athletic Facilities & Wellness Center, Steven's Institute of Technology Campus Site Improvements, Rutgers University Site Improvements at New Brunswick, Newark & Camden Campuses, Brookdale College Improvements, Ocean County College Improvements, and more than 400 other public facility projects for counties, municipalities, state agencies, and boards of education throughout New Jersey.



JOSEPH D. PERELLO, LL.A, PP, ASLA

HONORS & AWARDS

NJRPA - 2016 Award for Excellence in Design for Maplecrest Skate Park, Maplewood, NJ
Downtown NJ - 2014 Award for Excellence in Design for Washington Street Pocket Park, Morristown, NJ
NJPO - 2014 Achievement in Planning Award, Boverini Stadium Renovation, Passaic, NJ
NJRPA - 2014 Award for Excellence in Design for Holland Park Playground & Skate Plaza, Elizabeth, NJ
NJRPA - 2014 Award for Excellence in Design for Turtle Back Zoo Prehistoric Park, Essex County, NJ
NJASLA - 2009 Merit Award, Design Category - Madison Avenue Park, Hoboken, NJ
NJASLA - 2007 Merit Award, Environmental Enhancement Category - Richard J. Rutkowski Waterfront Park, Bayonne, NJ
NJASLA - 2006 Merit Award, Environmental Enhancement Category - Jerry Morgan Memorial Park
NJASLA - 2005 Merit Award-Burlington County Parks & Open Space Master Plan
NJASLA - 2005 Merit Award- Smithville County Park Floating Walkway, Burlington County, NJ
NJDCA - 2005 Innovative Accessible Recreation Facility Award - Smithville Park Floating Walkway
Monmouth County Board of Recreation Commissioners-2004 for Byron Johnson Park, Upper Freehold, NJ
NJRPA - 2003 Award for Excellence in Design for Jerry Morgan Memorial Park, Long Branch, NJ
Consulting Engineers Council NJ (CECNJ) - 2003 Distinguished Award for Jerry Morgan Memorial Park, City of Long Branch, NJ
NJRPA-2002 Award for Excellence in Design for Manasquan River Reservoir Playground, Monmouth Cty. Park System, Howell, NJ
NJ Concrete & Aggregate Association (NJCAA) - 2002 Merit Award for Creative Design Use of Concrete for Manasquan River Reservoir Playground, Monmouth County Park System, Howell, NJ
NJRPA - 2001 Award for Excellence in Design for Washington Township Amphitheater
Monmouth County Board of Recreation Commissioners - 2000 Award for West End Park, Long Branch
Downtown NJ - 1999 Excellence Award for Perth Amboy Streetscape & Train Station Plaza Improvements, City of Perth Amboy, NJ
NJRPA - 1998 Kinsey Award for Excellence in Design for Marlboro Township Recreation Center
NJRPA - 1998 Kinsey Award for Excellence in Design for Challenge Grove, Camden County Parks.
NJASLA - 1997 Award of Outstanding Professional Achievement - Stevens Institute of Technology River Street Plaza, Hoboken, NJ
Downtown NJ - 1997 Award of Excellence for Highlands Streetscape & Signage Improvements, Borough of Highlands, NJ
NJASLA 1996 Community Assistance Team Project - Jackson Woods, Long Branch, N.J.
NJ Native Plant Society, 1996 - Excellence in Design for the Howard S. Stainton Wildlife Refuge, Ocean City
Monmouth County Board of Recreation Commissioners - 1996 Award - Marlboro Recreation Center
Monmouth County Planning Board - 1996 Award - Marlboro Recreation Center & Amphitheater
NJ Native Plant Society, 1995 - Excellence in Design for the HMDC Public Boat Launch, Secaucus, NJ

PUBLICATIONS

"Turtle Back Zoo's Prehistoric Park Playground," Landscape Architect & Specifier News, March 2014.
"Irvington High School Stadium Renovation Success Story," Coach & Athletic Director, March/April 2014.
"Give Us the Greens of Summer" Community Trends, CAI-NJ, May 2011
"Parks & Ramble, Sayen Gardens Transformed" Landscape Architect & Specifier News, July 2006
"Thematic Play Environments - Educational & Interactive, Not Just Fun & Games," LA & Specifier News, October 2001.
"Playgrounds: 100% Accessibility Can Be Achieved," Parks and Grounds Management, July - August 1997.

PRESENTATIONS

Professional Practice for Landscape Architects, Rutgers University, March 2016
NJ Recreation and Parks Association's 40th Annual Conference, "Proper Maintenance Saves You Money", March 2015
NJ Association of Counties Conference, "Does Your Facility Need a Facelift? Park Rehabilitation: Concept to Completion" May 2014
NJ Recreation and Parks Association's 39th Annual Conference, "The Multi-Use Skate Plaza: Designing a Space for Skaters and Public Events", March 2014
American Institute of Architects Continuing Education Systems (AIA/CES) Seminar, "Sustainable Site Design - Incorporating Environmentally Conscious Materials into Facilities", June 2006
Pennsylvania State Association of Township Supervisors (PSATS) 84th Annual State Convention, "Does Your Township Park Need a Facelift? Park Rehabilitation from Concept to Completion" April 2006
NJ Recreation and Parks Association's 31st Annual Conference, "Keeping the Green in Your Park System: Ways to Incorporate Environmentally Conscious Materials into Your Park", March 2006
NJ American Society of Landscape Architects Annual Conference, "How to Succeed in a Multidisciplinary Design Firm", Panel Speaker, February 2005
NJ Recreation and Parks Association's Annual Conference, "Park Rehabilitation - Concept to Completion", March 2004
PA Recreation & Park Society, 2002 Annual Conference, "Skate Parks, History, Facility Needs, Planning & Design"
NJ Recreation and Parks Association's 2001 Annual Conference, "Skate Parks, History, Facility Needs, Planning & Design"



PRESIDENT



EDUCATION

BSCE, Rutgers University, NJ, 1986

REGISTRATIONS

Professional Engineer-1991

- New Jersey

Professional Planner-1998

- New Jersey

Certified Municipal Engineer-1994

- New Jersey

Underground Storage Tank Certification-1993

- New Jersey

OSHA - Supervisor of Hazardous Waste Operations-1994

DCA - Building Inspector-2011

DCA - Construction Official-2011

ASCE GRADE

IX

PROFESSIONAL AFFILIATIONS

Musconetcong Sewerage Authority
Commissioner

Metro YMCA of the Oranges Executive Board

National Society of Professional Engineers

National Honor Society of Engineers

National Civil Engineering Honor Society

NJ Society of Municipal Engineers

NJ Department of Environmental Protection-
Clean Up Star Member

PROFESSIONAL EXPERIENCE

Mr. Phil is President of SUBURBAN CONSULTING ENGINEERS, INC. (SCE) and has been actively involved in Civil Engineering since 1986. As a Principal of the firm he has managed and designed a variety of engineering projects related to Municipalities, Counties, Colleges, Universities, Board of Educations, and Public Schools. Mr. Phil has previously served nine (9) years on his municipality's Board of Education where he gained valuable public-school related knowledge including complex referendum processes.

He has vast experience in municipal engineering and has also served as Planning Board and Board of Adjustment Consultant to several municipalities. Mr. Phil is currently serving on the Executive Board for the Metropolitan YMCA of the Oranges where he participates in the management of six (6) YMCA branches across North Jersey. He is also a Commission of the Musconetcong Sewerage Authority which is an advanced wastewater treatment facility designed to process over 4 MDG of domestic wastewater per day to meet the rules and regulations mandated by the Federal and State governments in order to protect public health and the environment.

Mr. Phil has been responsible for providing construction managerial duties as well as practical design standards. He has been involved in the preparation of site development projects including subdivision/site plan layout configuration, grading design, stormwater management facilities, structural design, forensic studies, underground storage tanks, utilities design, sanitary sewer collection systems, individual subsurface disposal systems, and roadway geometry. Mr. Phil has also acquired extensive experience in the design and construction of athletic facility sports complexes. As a Professional Planner, Mr. Phil continues to assist clients in a creative and innovative manner to maximize the potential of all projects. He assisted many school districts through the referendum process including public presentations and planning reviews.

Mr. Phil is one of SCE's experts on local, state and federal regulations. He is also thoroughly knowledgeable in the New Jersey Uniform Construction Code as a licensed Build Inspector and Construction Official, he provides technical assistance to many community associations and other public and private clients. Mr. Phil's commitment to his broad clientele base requires him to maintain a thorough knowledge of the continuously changing regulations. He is also committed to maintaining a thorough knowledge of new products and technologies associated with all aspects of land development including but not limited to roadways, stormwater management, wastewater management, sports and recreation, and building improvements



**OPERATIONS
MANAGER**



EDUCATION

Bachelors of Science, Engineering Arts,
College of Engineering of Michigan State
University, MI 2001

Minor in Supply Chain Management

TRAINING

On-going continuing education in HR

PROFESSIONAL AFFILIATIONS

LandUse Board Secretary Certification
Association of Counties
New Jersey Recreation & Parks Association
Association of Environmental Authorities
New Jersey Water Association
American Water Works Association – NJ
Community Associations Institute – NJ

PROFESSIONAL EXPERIENCE

Ms. Burger joined SUBURBAN CONSULTING ENGINEERS, INC. (SCE) in October 2004 and currently serves as Operations Manager with over twelve (12) years of experience in various departments at SCE both technical and administrative. Ms. Burger works directly alongside SCE's President and Chief Operations Officer, to ensure that daily business plans and company procedures are successfully maintained and functioning, which allows the firm to meet each of our client's unique project expectations.

In her current capacity, Ms. Burger is responsible to plan, direct and coordinate the day-to-day operations of SCE through continued implementation and improvement of the operational systems, processes and policies in support of SCE's mission. Ms. Burger supports enhanced management reporting, information transfer, business process and organizational planning. Ms. Burger is responsible for the effective methods and strategies to ensure and improve the performance, productivity, efficiency, risk management and profitability of SCE.

Day-to-day, Ms. Burger administratively directs, supervises and monitors all employees of SCE in the following areas:

- **Production** – Coordinate, supervise and monitor the efficiency and effectiveness of all Project Managers and Project Coordinators with regard to: production process, scheduling and project budgets. Monitor performance and implement improvements. Ensure quality of work through implementation of established methods and strategies. Provide support where necessary.
- **Financial** - Review financial statements and data. Prepare and control operational budgets. Utilize financial data to plan effective strategies for the financial wellbeing of SCE.
- **Best Practices** - Improve processes, workflows and policies in support of SCE's organizational goals. Formulate and implement departmental and organizational policies and procedures. Monitor adherence to policies, regulations and procedures.
- **Strategic Input** - Liaison with top management/Board of Directors. Assist in the development of strategic plans for operational activity including preparation of annual business plan. Implement and manage operational improvements to achieve goals of SCE.
- **Corporate Responsibility** – the OM shall oversee the duties prescribed under the corporate bylaws to the Secretary of the Corporation, including all necessary notices, recording, actions, and record keeping.
- **Human Resources** - Plan the use of human resources. Organize recruitment and placement of required staff. Establish organizational structure. Delegate tasks and accountabilities. Participate in the monitoring and evaluation of the performance of all staff. Supervise administrative staff.
- **Administration** - Monitor, manage and improve the efficiency of support services such as IT, Marketing, and Finance. Facilitate coordination and communication among support functions and production.

**SENIOR PROJECT
MANAGER**



EDUCATION

Master's of Science Degree in Environmental Management, 1999

Bachelor of Science Degree in Civil Engineering, New Jersey Institute of Technology, 1991

REGISTRATIONS

New Jersey Licensed Professional Engineer
(License # 24GE00403460)

New York Licensed Professional Engineer
(License #087012-1)

New Jersey Licensed Professional Planner
(License #33LI00550700)

NJDEP Licensed C-1 Collection System Operator
(License #0022819)

New Jersey Certified Municipal Engineer
CME 02-20

AFFILIATIONS

American Society of Civil Engineers (Member #269286)

Water Environment Federation

PROFESSIONAL EXPERIENCE

Mr. Lescavage is a Senior Project Manager with over twenty three (23) years of varied experience in the field of civil engineering with a concentrated background in the areas of public and private development project in the State of New Jersey. His expertise is in the identification and incorporation of various design constraints presented by Local, County and State regulations in order to maximize the potential use of a particular site. Mr. Lescavage is a New Jersey licensed professional engineer, professional planner, certified municipal engineer, and collection system operator. As an Engineer/Planner, he has given expert testimony to many local Planning/Zoning Boards throughout the State of New Jersey.

Most recently, Mr. Lescavage was a principal at Envision Engineering, LLC providing consulting services to public and private clients. Prior to that, he was a Project Manager for a multi-disciplinary firm located in Central New Jersey. In this position from 2001 to 2008, he was the leader of several different design teams, from three to ten individuals, including oversight of professional engineers, design engineers, interns, administrative assistants, outside and in-staff consultants, and draftsmen. His duties in this position included client contact, proposal generation, budgeting, scheduling, staffing, QA/QC, professional testimony as an Engineer and Planner, local/county/state permit application review and processing, mentoring/coaching staff and working with company partners in business unit development.

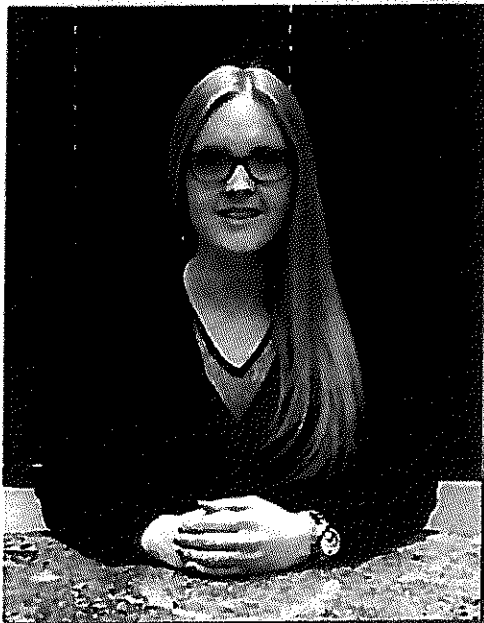
Mr. Lescavage has specific design experience in the following areas:

- Roadway Design
- Stormwater Management Design
- Flood Plain Studies
- Traffic/Parking Analysis
- Dam Safety Breach Analysis
- Septic Design
- NJDEP Minor/Major Stream Encroachments
- Soil Erosion and Sediment Control Plans
- Grading/Plot Plans
- Sanitary Pump Station Design
- Retaining Wall Design

Mr. Lescavage has provided professional engineering and management services on several public Park and Recreation Projects which included design, permitting, and construction administration services:

- City of Newark Housing Authority – Synthetic Turf Field
- City of Elizabeth – Kenah Park Synthetic Turf Field
- Lawrence Township BOE – High School Synthetic Fields
- City of Perth Amboy – Synthetic Turf Field Design
- Georgian Court University - Synthetic Turf Field
- Montclair State University – Synthetic Turf Field
- Rowan University – 2 Synthetic Turf Fields

**DEPARTMENT
MANAGER**



EDUCATION

Bachelors of Science, Civil Engineering
Lehigh University, PA 2007

REGISTRATIONS

Engineer-in-Training

ASCE GRADE

III

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers
Morris County Chambers of Commerce
Society of Women Engineers

PROFESSIONAL EXPERIENCE

Ms. Abline joined SUBURBAN CONSULTING ENGINEERS, INC. (SCE) in April 2011 and is Department Manager in the Site/Civil group at the firm. Ms. Abline manages and designs a variety of site related engineering projects and works closely with each of her clients and undertakes all stages of project development, including proposal preparation, conceptual design, cost estimating and value engineering, detailed design, permitting and approval, and construction, to achieve their project objectives. She works one-on-one with Principal Engineers and other technical staff members to provide responsible professional services to her clients. Ms. Abline's commitment to her broad client base requires her to maintain a thorough knowledge of the latest industry regulations and best engineering practices.

Ms. Abline is highly knowledgeable and skilled in a diverse selection of project types including residential, commercial, industrial and mixed-use site development, stormwater analysis, site master planning, utility infrastructure design and analysis, athletic field and park design, and roadway management and improvement plans. She also has vast experience in local and state permitting and provides technical assistance to many of our clients and on many of our projects in regards to the permitting process.

Projects that Ms. Abline has or is currently providing services on includes:

- Fairview Lake YMCA – Minisink Lodge Environmental Permitting
- Centenary University – NCAA Baseball Field and Soccer Field Synthetic Turf Improvements
- Morris Township – Cornine Field Synthetic Turf Project
- Lake Hopatcong – Bulkhead Replacement – Permit Application
- New Providence – Road System – Downtown Improvement Project

Ms. Abline plans to pursue her Professional Engineer (PE) and Professional Planner (PP) licenses and has already fulfilled the additional requirements to receive her Certified Municipal Engineer (CME) Certification.

KIRK B. DANIELSON, LLA, RLA, ASLA

PROJECT COORDINATOR



PROFESSIONAL EXPERIENCE

Mr. Danielson is a licensed Landscape Architect with over 19 years of experience in landscape architecture, site design and construction administration. Mr. Danielson is an accomplished Landscape Architect with a solid history of achievements in site design, park design, urban plazas and streetscapes. During his tenure at previous firms, Mr. Danielson was a key lead design team member for a variety of award winning facilities including public parks and playgrounds, athletic facilities, streetscapes, education facilities, plazas, waterfront spaces and marina projects.

Mr. Danielson is highly knowledgeable and skilled in providing technical assistance, managing and directing staff members, analyzing reports, monitoring project progress, preparing grant applications, composing proposals, providing public presentations and reports, and conducting studies. He is exceedingly familiar with providing park master planning services and understanding the environmental constraints consistent with each of his client's projects. He also has significant experience with preparing site & landscape plans, specifications, cost estimates, and preparing graphic presentations and drawings. Mr. Danielson is successful in completing projects through his utilization of proficient technologies such as AutoCAD 2013, LandFX, 3D Rendering and Animation, Google Sketchup, Photoshop and Microsoft Office.

EDUCATION

Rutgers University – New Brunswick, NJ
Bachelor of Science – Landscape
Architecture, 1997

Brookdale Community College – Lincroft, NJ
Program Completion: Architecture, 1992

REGISTRATIONS

Licensed Landscape Architect, NJ
Licensed Landscape Architect, NY
Registered Landscape Architect, PA

PROFESSIONAL AFFILIATIONS

American Society of Landscape Architecture
(ASLA)

Mr. Danielson is part of SCE's landscape architecture design team on a variety of park, recreation and athletic facility projects for both public and private clients where he incorporates his creative flare to develop spaces that promote health and physical wellness, community gathering, and social activities. Recent projects Mr. Danielson is providing services on include:

- New Brunswick Memorial Stadium Synthetic Turf Field
- City of Newark Housing Authority – Synthetic Turf Field
- City of Elizabeth – Kenah Park Synthetic Turf Field
- Lawrence Township BOE – High School Synthetic Fields
- City of Perth Amboy – Synthetic Turf Field Design
- Georgian Court University - Synthetic Turf Field
- Montclair State University – Synthetic Turf Field
- Rowan University – 2 Synthetic Turf Fields

Mr. Danielson continues to be motivated in developing his skills and knowledge in the industry and is committed to designing additional award-winning facilities that are one-of-a-kind and artistically exclusive in nature.



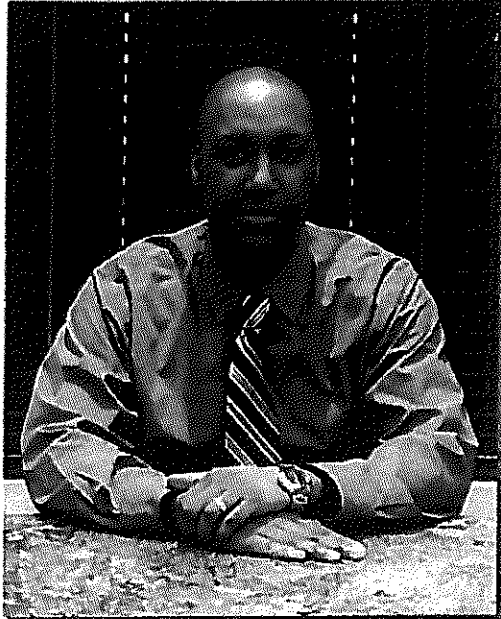
KIRK B. DANIELSON, IIA, RLA, ASLA

AWARD-WINNING PROJECTS

- **Wampum Lake Park, Eatontown, New Jersey**
Monmouth County Park System Charles M. Pike Award 2003
- **Avon Main Street Streetscape, Avon-By-The-Sea, New Jersey**
Business & Industry Association Good Neighbor Award 2004
- **Township of Ocean Plan Endorsement & Waretown Center Designation, Ocean New Jersey**
New Jersey Planning Official Achievement in Planning Award 2006
- **Drum Point School Playground, Brick, New Jersey**
New Jersey Concrete & Aggregate Association Honorable Mention 2008
- **Bayview Park, Perth Amboy, New Jersey**
New Jersey Concrete & Aggregate Association Honorable Mention 2008
- **Cross Farm Park, Holmdel, New Jersey**
New Jersey Recreation & Park Association Excellence in Design Award 2009
- **Waterfront Park, Keyport, New Jersey**
New Jersey Society of Municipal Engineers, Municipal Parks/Recreation Project of the Year 2010
- **Waterfront Park, Keyport, New Jersey**
Monmouth County Park System Charles M. Pike Award 2010
- **Frede Park & Norman J. Sherman Park, Brick, New Jersey**
New Jersey Recreation & Park Association Excellence in Design Award 2010
- **Rowley Park, East Orange, New Jersey**
New Jersey Recreation & Park Association Excellence in Design Award 2012
- **Traders Cove Marina & Park, Brick, New Jersey**
Barnegat Bay Landscape & Access a Project of America's Great Outdoors
United States Department of the Interior 2012



SENIOR DESIGNER



EDUCATION

Rutgers University, Cook College

Bachelors of Science, Environmental Planning
& Design, May 2001

**PROFESIONAL REGISTRATIONS &
AFFLICATIONS**

Certified Playground Safety Inspector
#9743-0610

American Society of Landscape Architects
(ASLA)

HONORS & AWARDS

NJRPA Excellence in Design Award,
Smithville County Park Improvements Plan,
Easthampton, NJ

NJASLA Landscape Planning and Analysis
Award, Burlington Co. Parks & Open Space
Master Plan

PROFESSIONAL EXPERIENCE

Mr. Dennard joined SUBURBAN CONSULTING ENGINEERS, INC. (SCE) as a Senior Designer in November 2015 with over 15 years of experience in project management, construction administration, estimating, site design, site planning, and site management. Mr. Dennard is working alongside SCE's Project Managers and professional technical staff members on various public and private site improvement and athletic facility improvement projects where he is providing design related services.

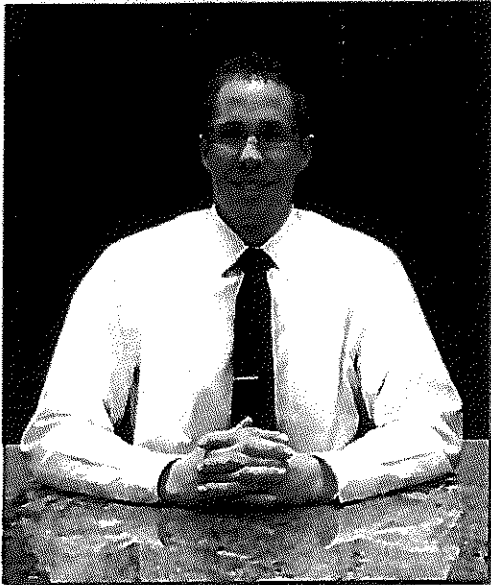
Mr. Dennard has significant experience with designing and developing project drawings and specifications, administering design and construction contracts, performing shop drawing and submittal review, and maintaining client contact from initiation through closeout. He has also had experience with preparing and maintaining project estimates and schedules, and providing on-site resident engineering/construction supervision and troubleshooting. On his projects, Mr. Dennard has been responsible for the collection of field calculations, cost overruns, budget control, schedule management, quality control, and adherence to contract drawings and specifications. Additional responsibilities include daily and weekly reporting, tracking and processing payments, conducting final and guarantee inspections and project completion procedures. Mr. Dennard is currently assisting the SCE Design Team on a variety of public and private projects including site plans, design work, athletic facility improvements, stormwater, parks & recreations, roadway improvements, etc.

Mr. Dennard's expertise pertaining to site design, landscape architecture and site improvements is demonstrated in his role as senior designer for numerous projects throughout the region. Examples of Mr. Dennard's experience in the preparation of the design of facilities include projects such as Rowan University Soccer Field and Intramural Athletic Facilities, New Brunswick Memorial Stadium Improvements, Newark Housing Authority Waterfront Complex Soccer Field, Lincoln Park Running Track Improvements and more than 200 other park, recreation and athletic facility projects for counties, municipalities, state agencies, boards of education, colleges and universities throughout the northeastern United States.

Mr. Dennard is an outstanding asset to the SCE design team and provides great perception and knowledge on all of the projects which he is involved with. Mr. Dennard demonstrates tremendous communication and management skills and has proven himself highly competent in meeting project deadlines, working in fast pace environments, managing multiple projects and clients, and remaining team oriented.



PROJECT COORDINATOR



EDUCATION

BSCE, West Virginia University, 2009
Magna Cum Laude

BSET, New Jersey Institute of Technology, 2013
Cum Laude

REGISTRATIONS

Professional Land Surveyor, NJ
24GS04336300

Engineer-in-Training

ASCE GRADE

III

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

New Jersey Society of Professional Land
Surveyors

PROFESSIONAL EXPERIENCE

Mr. Phil is a Project coordinator at SUBURBAN CONSULTING ENGINEERS, INC. (SCE). He became a full time employee in May 2009 after graduating from West Virginia University. Mr. Phil is also a graduate of New Jersey Institute of Technology and currently works in both of the engineering and surveying departments at SCE. Mr. Phil has gained valuable experience on many projects during his time in the civil engineering and land surveying industry and is a licensed Professional Land Surveyor (PLS) in the State of New Jersey. Mr. Phil is also pursuing his license as a Professional Engineer in the State of New Jersey.

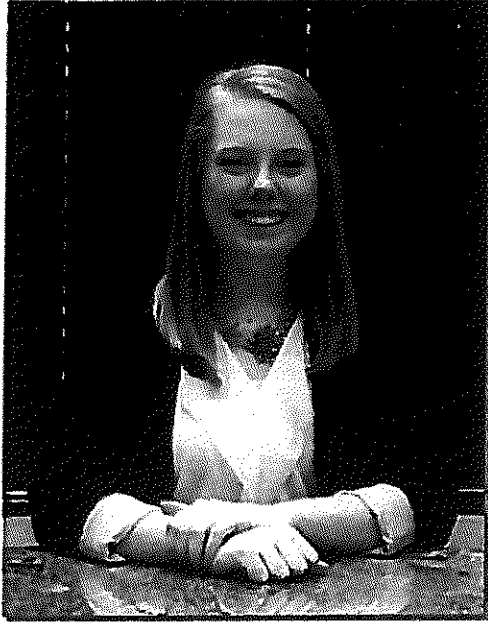
Mr. Phil's experience in the survey field includes topographic surveys, construction stakeout, subdivision maps, metes and bounds descriptions, easement maps, boundary surveys, record research, wetland location, tax map preparation and maintenance, and high definition 3D laser scanning. Mr. Phil's experience also includes preliminary and final civil engineering design in various concentrations including major and minor site plans, major and minor subdivisions, site layout, roadway design, grading plans, stormwater management, septic system design, structural analysis, shop drawings, SESC plans, technical specification preparation, and quantity takeoff. Mr. Phil has also been associated with many construction projects for which construction administration, construction stakeout, review payment requests, various coordination between contractors and clients are required for successful completion. Some recent SCE projects include:

- Boverini Stadium Rehab: Upgrade & Repair, City of Passaic, Passaic County, NJ (Phase I - III)
- Charles Holland Memorial Playground & Skate Park, City of Elizabeth, Union County, NJ
- TCNJ Tennis Court Reconstruction Project, Township of Ewing, Mercer County, NJ
- Children's Playground & Pavilion at Turtle Back Zoo, Township of West Orange, Essex County, NJ
- New Brunswick Memorial Stadium Synthetic Field
- Newark Housing Authority – Synthetic Turf Field
- City of Elizabeth – Kenah Park Synthetic Turf Field
- Lawrence Township BOE High School Synthetic Fields
- City of Perth Amboy – Synthetic Turf Field Design
- Georgian Court University - Synthetic Turf Field
- Montclair State University – Synthetic Turf Field
- Rowan University – 2 Synthetic Turf Fields

Mr. Phil has extensive experience in many computer programs such as computer-aided drafting and design in both AutoCAD, Civil 3D, MicroStation, ESRI, ArcGIS package, Bentley FlowMaster, and Bentley PondPack. He also has gained valuable experience in high definition 3D laser scanning software programs such as Trimble RealWorks and Faro Scene. Mr. Phil plans to pursue his PE and PP in the State of New Jersey.



LANDSCAPE DESIGNER



PROFESSIONAL EXPERIENCE

Ms. Beisswanger joined SUBURBAN CONSULTING ENGINEERS, INC. (SCE) as a full time landscape designer after graduating from Rutgers University in 2015. Landscape Architecture has always been an integral part of Ms. Beisswanger's life. During her professional career at school, Ms. Beisswanger completed a variety of coursework related to the industry including Environmental Design Analysis, Landscape Drawing, Fundamental Environmental Planning, Land Measurements & Mapping, Environmental Geomatics, History of Landscape Architecture, Construction I & II (Materiality & Documentation) Planting Design and various other courses. Ms. Beisswanger is committed to developing her professional career as a landscape designer and is working one-on-one with Licensed Landscape Architects and Managers at the firm to further advance her understanding, education and professional skills.

Ms. Beisswanger is currently assisting SCE's landscape architecture design team on a variety of public and municipal projects where she is preparing site plans, designing way finding signs, reviewing construction documents and providing detailed analyses. Ms. Beisswanger is providing services on several park, recreation, and athletic facility improvement projects including sports complexes, public parks, skate parks, playgrounds and various sport fields. She continues to demonstrate her creative and innovative design techniques by turning mundane spaces into active and lively dynamic areas of interest.

EDUCATION

Rutgers, The State University of New Jersey
2015
School of Environmental & Biological
Sciences
Bachelors of Science (BS) in Landscape
Architecture

PROFESSIONAL AFFILIATIONS

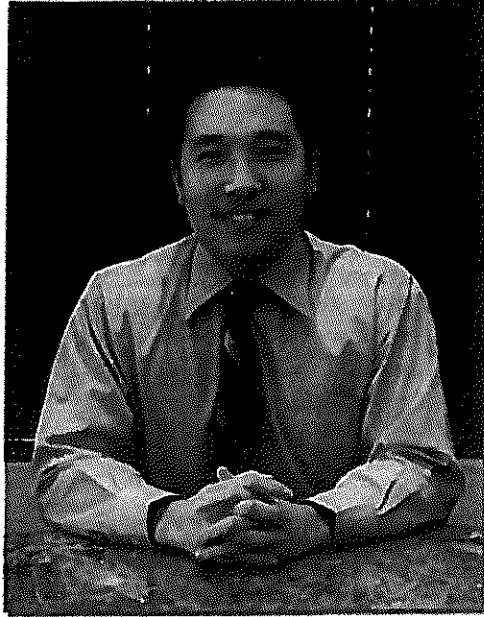
ASLA Student Chapter – NJASLA
Representative
Alpha Zeta Member
SEBS Governing Council – *Environmental
Planning & Design Representative*

Recent projects Ms. Beisswanger has provided services on the following projects at the firm:

- City of Asbury Park – Springwood Park Improvements
- City of Newark Housing Authority – Synthetic Turf Field
- City of Elizabeth – Kenah Park Synthetic Turf Field
- Lawrence Township BOE – High School Synthetic Field
- City of Perth Amboy – Synthetic Turf Field Design
- Georgian Court University - Synthetic Turf Field
- Montclair State University – Synthetic Turf Field
- Rowan University – 2 Synthetic Turf Fields

Ms. Beisswanger is proficient in all Microsoft applications, all Adobe Creative Suite products, AutoCAD, Rhino, Rhino 3D, Construction Documentation, Model Making, Hand Drafting and rendering, presentation development, public speaking, community outreach, along with a variety of other related programs and skills. Ms. Beisswanger plans to pursue her license in Landscape Architecture in the future.

LANDSCAPE DESIGNER



EDUCATION

Arizona State University, 2014
Bachelor of Science in Landscape Architect
Minor in Sustainability

PROFESSIONAL AFFILIATIONS

American Society of Landscape
Architecture (ASLA)
Alpha Rho Chi (APX) – *National
Fraternity for Architecture and the Allied
Arts*

PROGRAMMING EXPERIENCE

- AutoDesk AutoCAD
- Adobe Creative Suite
- Google Sketchup
- Land F/X
- Visual Lighting
- Photoshop

PROFESSIONAL EXPERIENCE

Mr. Komura joined SUBURBAN CONSULTING ENGINEERS, INC. (SCE) as a full time employee in June 2014 after graduating from Arizona State University. Mr. Komura is active in several design focused societies and committees including American Society of Landscape Architecture (ASLA) and Alpha Rho Chi (National Fraternity for Architecture and the Allied Arts) where he demonstrates his dedication and passion of the industry through his volunteer work and established positions.

Mr. Komura is committed to designing spaces that integrate the social, environmental and ecological standards of their surrounding communities and is excellent in understanding the technical characteristics of a given space, while utilizing his abilities to incorporate creative flair. Mr. Komura is providing services on several park, recreation, and athletic facility improvement projects including sports complexes, public parks, skate parks, playgrounds, various sport fields and, other landscape design projects. His experience includes preliminary and final site design in various concentrations such as grading and drainage, landscape, SESC plans, technical specification preparation, and quantity takeoff. Mr. Komura continues to advance his skills and creative design techniques to keeps pace with the high demands of our clients and their unique and innovating projects.

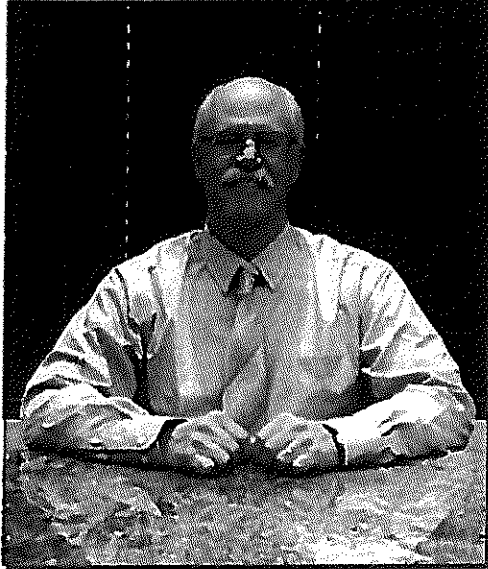
Recent SCE projects include:

- Regional Health Care Campus – Morris County, NJ
- James Caldwell H.S. Sports Facility – West Caldwell
- Pond & Lake Improvements – Hudson County
- Mount Prospect Park – City of Newark
- New Brunswick Memorial Stadium Synthetic Field
- Newark Housing Authority – Synthetic Turf Field
- Lawrence Township BOE High School Synthetic Fields
- City of Perth Amboy – Synthetic Turf Field Design
- Georgian Court University - Synthetic Turf Field

Mr. Komura has experience in many computer programs such as computer-aided drafting, design, and rendering in AutoCAD Civil 3D, Sketchup, V-Ray, and Photoshop.

Mr. Komura continues towards his goal of obtaining his license in Landscape Architect by passing the first section of the exam in August 2015.

**CONSTRUCTION
OBSERVER**



EDUCATION

County College of Morris,
Randolph, New Jersey

- Surveying Technology
- Rutgers University, Camden, NJ
- B.A. in Economics & Business Administration

**CONTINUING PROFESSIONAL
EDUCATION**

NJ Transit Railway Training in Roadway
Worker Safety

PROFESSIONAL EXPERIENCE

Mr. Rosania is a Construction Observer at SUBURBAN CONSULTING ENGINEERS, INC. (SCE) and has over 25 years of experience in surveying, engineering and development. He is proficient in data collection and "field to office" technology. Furthermore, he has extensive experience in production supervisory roles. He has also served as Site Inspector and Supervisor for Municipal Engineers.

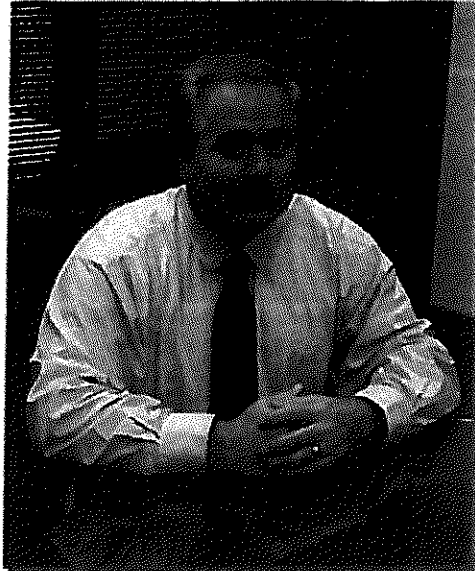
As Party Chief in surveying, engineering and development, Mr. Rosania has supervised and performed field procedures using data collection, GPS, and GIS technology for boundary, topographic, hydrologic, and infrastructure design, planning, and mapping projects. He has gained vital experience through working directly with contractors and developers to implement site development plans on the construction site, staking out all phases of construction, calculating cut sheets and performing as-built surveys. His extensive experience in field methods and technology has also provided Mr. Rosania with the ability to create horizontal and vertical control while in the field to facilitate stake outs, bench marks, and other user oriented services.

As a Site Inspector, Mr. Rosania assists in the management of projects involving roads, utilities, drainage, open space and other infrastructure improvements. He verifies the quality of materials used and their compliance with plan specifications. He supervises construction methods and procedures to ensure project quality, specification compliance and the safety and security of workers, residents, and surrounding property. Mr. Rosania documents all aspects of the projects to aid in the billing and payment process.

Mr. Rosania has provided professional services on the following projects:

- New Brunswick Memorial Stadium Synthetic Field
- Newark Housing Authority – Synthetic Turf Field
- City of Elizabeth – Kenah Park Synthetic Turf Field
- Lawrence Township BOE High School Synthetic Fields
- City of Perth Amboy – Synthetic Turf Field Design
- Georgian Court University - Synthetic Turf Field
- Montclair State University – Synthetic Turf Field
- West Caldwell BOE – High School Synthetic Turf Field

**SENIOR CONSTRUCTION
OBSERVER**



EDUCATION

Killingly H.S – Danielson, Connecticut

CERTIFICATION & TRAINING

- Blueprint Reading 1, 2
- Site Work 1, 2, & 3
- OSHA certified on site job safety policies
- Building science theories & practical applications
- Footings & Foundation 1, 2
- HVAC mechanicals rough, finish, service, and maintenance 1, 2
- Electrical rough and finish 1, 2
- Plumbing rough and finish 1, 2
- Masonry façade, stucco, brick, and stone 1, 2 & 3
- Construction scheduling and procurement of materials and supplies 1
- Time management 1, 2
- Microsoft training 1, 2 – Word, Excel, Power Point
- IT training-SAP, Corrigo, Service Trax, Vax

PROFESSIONAL EXPERIENCE

Mr. Leoutsacos joined SUBURBAN CONSULTING ENGINEERS, INC. (SCE) in August 2015 as a Senior Construction Inspector with over 30 years of experience in construction management and has completed many residential and commercial projects. Mr. Leoutsacos is assisting the SCE Construction Department with on-site inspection services for various community association and residential clients. Mr. Leoutsacos has significant experience as a construction supervisor and manager as well as offers extensive on-site project experience that is instrumental to our clients and project team members.

Mr. Leoutsacos has significant experience working in the construction inspection industry, having previously worked for developers and construction contractors including K. Hovnanian and Remediation Specialists Inc. During his tenure with these companies, Mr. Leoutsacos provided oversight and management supervision on the building of new homes, single family homes, townhomes, condominiums, decks and other various projects. He was also responsible for the inspection of frame staging of new home buildings, development and building of entire communities from ground breaking to community completion through Transition, and release of maintenance and performance bonds. Mr. Leoutsacos possesses extensive knowledge with the community association client sector base and their needs.

Some projects which Mr. Leoutsacos is involved with at SCE include but are not limited to the following:

- Design & Construction of Roadway Ponding Corrections at Various Locations in the City of Trenton.
- Roundtop Condominium – Evaluate and Inspect floor truss issues and repairs.
- Country Classics Readington – Water intrusion Issues.
- Florham Park - Brooklake Condo – Evaluate and inspect wall board cracking to determine the cause and industry best practices repair methods.
- Woodmont Commons – Evaluate and document cause of water intrusion into the building envelopes. Develop repair methods using the industry's best practices to solve the multitude of specific types of leaks. Schedule contractors to perform repairs in occupied units. Administrate the construction project over 27 buildings and 161 homes.
- Lincoln Park Deer Run – Siding Replacement Project.
- North Caldwell – Hidden Ridge Association – Transition.

Mr. Leoutsacos has obtained various certifications and training experience over the years on site work, OSHA safety procedures, framing, foundations, masonry, building envelope, plumbing, and HVAC. Mr. Leoutsacos is an exceptional team member at SCE and continues to assist SCE's various on construction and inspection related projects.





Environmental Consultants

EXECUTIVE SUMMARY

Lewis Consulting Group (LCG) has prepared our Statement of Qualifications for Individuals or Firms in need of Professional Services. LCG is a full service environmental consulting and management corporation, delivering high quality services while remaining a cost effective choice. The founder and principal of LCG, Zachary D. Lewis established the firm with a mission in mind that *"provides each client, regardless of project size, best-practice services customized to the project's needs at a competitive price."* LCG understands this goal and is equally committed to developing a strategy with our clients to successfully achieve their objectives.

LCG has been providing environmental consulting and management services to both the Public and Private sectors. LCG's Principal has over 30 years' experience in providing professional services to oil companies including site investigation and remediation, underground storage tank (UST) compliance management, and permitting. Senior personnel hold active Licensed State Remediation Professional (L.S.R.P.) licenses from the State of New Jersey and have extensive experience with the NJDEP dating back to the mid 1980's. With hundreds of cases worked on in the state, LCG has an excellent working relationship with dozens of NJDEP Division Managers and Commissioners.

Given the above base of work, LCG has developed its organization in a manner to provide highly efficient and professional field services to assess, investigate, monitor and remediate numerous locations as well as assemble and analyze the resulting data for presentation to the regulatory agency(s). While our services are predominantly focused in the state of New Jersey, LCG has provided services in Delaware, Pennsylvania, Tennessee, and Wisconsin.

LCG has accumulated numerous years of first-hand experience in the fields of environmental consulting with a record of significant achievement. Our team specializes in a variety of disciplines, including environmental site investigations, geology, hydrology, indoor air quality, building inspections, hazardous material abatement oversight, property condition assessments, underground storage tank investigations and removal, and site remediation. Our senior managers each possess over 25 years of experience in successfully completing environmental projects that yield significant results for our clients, our community and our environment. We are a team of passionate environmental professionals driven by excellence.

LCG Principals regularly contribute and participate in technical associations, community programs, and charitable organizations. In doing so, we at LCG strive to give back to the business and private communities of which we are a part. Our accomplishments in these areas include teaching at local colleges and universities, performing presentations on environmental compliance for profit and non-profit organizations, and participation on professional government advisory committees, associations, and trade groups.

Our quality of work is our priority. We believe that quality begins with professional responsiveness to our client's needs and desires.

ZACHARY D. LEWIS

PRINCIPAL/OWNER

Mr. Lewis is the Principal and Owner of Lewis Consulting Group with more than 30 years of professional experience with Federal and New Jersey construction and environmental regulations, Risk Assessment Site Investigations and Remedial Actions. He has demonstrated success in compliance, negotiation, coordination, leadership and business acquisition.

He is responsible for state and federal compliance of environmental laws and regulations, conducts phase I & II environmental assessments, Brownfields redevelopment, site remediation, due diligence and business development. Mr. Lewis provides both internal and external consulting services, specifically addressing current and pending legislative actions and regulations governing the environmental industry. He has provided expert testimony, report preparation and litigation support services for developers, major corporations, industrial operations, law firms and land owners.

EDUCATION

Stockton State College
Bachelor of Science,
Environmental Science

PROFESSIONAL COURSES

Rutgers University:
Continuing Education Courses
Brookdale Community College:
Continuing Education Courses
Advanced Air Permits Seminar
Industrial Wastewater Treatment
Plant Operator Course
Underground Storage Tank
Regulations Seminar
New Jersey Hazardous Waste
Generator Seminar
Municipal Sewage Sludge
Management Course

PROFESSIONAL EXPERIENCE

2010-Present

Lewis Consulting Group

Principal Owner

Mr. Lewis is a Principal and Managing Partner for Lewis Consulting Group

2005-2010

Brilliant Lewis Environmental Services, LLC

President

Mr. Lewis served as President of Brilliant Lewis environmental Services (BLES). He was responsible for day-to-day operations, marketing, business development, and administration of Brownfield/Industrial projects. He also managed projects associated with UST closures and modifications, groundwater sampling, well installation, soil sampling, remedial system design, regulatory permitting, and report preparation. He provided oversight of interactions between clients and regulatory agencies. During his tenure, BLES grew from \$50,000 in revenues to \$5 million over a 5 year period.

REGISTRATION/ CERTIFICATIONS

NJDEP, Underground Storage
Tank Certification - Closure

Occupational Safety & Health
Administration (OSHA)

40-hour Certification

8-Hour OSHA Annual Refresher -
Current

Certified Asbestos Inspector

Mold Inspector

PROFESSIONAL AFFILIATIONS

Board Member

Affordable Housing Alliance of
Monmouth County

Past Chair/Board Member

Ocean Community Economic
Action Now, Inc. (OCEAN Inc.)

Trustee

Community Services of
Manchester, Inc.

NJ Urban Counties Community
Development Association

Board Member

Black Americans Lobbying for
Leadership of Tomorrow

(BALLOT)

2003-2005

Environmental Evaluation Group

Division of Taylor Wiseman & Taylor

Principal Vice President of Redevelopment & Government Services

Responsibilities included Brownfields redevelopment, site remediation, Phase I & II Environmental assessments, Due Diligence, environmental compliance and permitting, assistance with financial considerations and cost recovery, as well as business development. He directed preparation of funding opportunities for municipal and non-profit clients, represented public clients at State, Federal and County meetings, provided tracking and analysis of proposed and adopted legislative and regulatory policies, and researched, tracked and provided municipalities with potential funding opportunities.

Mr. Lewis was responsible for compliance with State and Federal Environmental Laws and Regulations. His responsibilities included conducting Phase I and Phase II assessments and remedial activities. He also served as in-house consultant for interpretation and coordination of responses to proposed environmental laws and regulations, interfacing with regulatory agencies on a continual basis, and has presented regulatory updates at company sponsored environmental seminars. He was also responsible for acquisition and administration of numerous air, groundwater, local and other permits, and met with clients to assure environmental compliance with permits and environmental directives.

1998-2003

Birdsall Engineering, Inc., Belmar, NJ

Director, Grant & Funding Division / Manager of Regulatory Affairs

Directed preparation of funding opportunities for municipal and non-profit clients; representing public clients at State, federal and county meetings. Provided tracking and analysis of proposed and adopted legislative and regulatory policies. Researched, tracked and provided municipalities with potential funding opportunities.

Responsibilities also included Brownfields redevelopment, site remediation, Phase I & II Environmental Site Audits and environmental permitting.

1994-1998

Land Tech Remedial, Inc. (Handex)-Eatontown, NJ

Manager, Regulatory Affairs & Risk Assessment

Responsible for compliance with State and federal environmental law and regulations, managed the Risk Assessment Department within the New Jersey office. Responsibilities included conducting Phase I and Phase II assessments and remedial activities.

Served as in-house consultant to interpret and coordinate responses to proposed environmental laws and regulations. Interfaced with regulatory agencies on a continual basis, having responsibility for acquisition and administration of numerous air, groundwater, local and other permits. Presented regulatory updates at company sponsored environmental seminars; managing health and safety programs.

1990-1994

Groundwater & Environmental Services, Inc. -Wall, NJ

Permit Department Manager /Senior Environmental Scientist

The case manager responsible for overall management of numerous facilities involving environmental subsurface releases, supervising a staff of six members in the Permits Department.

1984-1990

Garden State Soil Enrichment Station- Lakehurst, NJ

Regulatory Liaison

1983-1984

NJ Dept. of Environmental Services -Trenton, NJ

Forest Menusator

REPRESENTATIVE CLIENTS

♦ **HANDS Inc.**

Derrick Griggs-Real Estate Director

15 South Essex Ave

Orange, NJ 07050

(973) 678-3110 ext. 36

♦ **City of Asbury Park, NJ**

Terence Riedy-City Manager

1 Municipal Plaza

Asbury Park, NJ 07712

732-502-5755

♦ **Township of Neptune, NJ**

Michael Bascom-CFO

25 Neptune Blvd.

Neptune, NJ 07753

732-988-5200 ext. 242

♦ **Brick City**

Joel Sonkin-Director, Environmental and Energy Services

920 Broad Street, Suite 218

Newark, NJ 07102

(973) 733-4391

ALAN J. KROHN

LICENSED SITE REMEDIATION PROFESSIONAL

Mr. Krohn is an environmental professional with over ten years of experience in the environmental field, specializing in strategic liability management, hazardous site property divestments and acquisitions, site characterizations, decision analysis and remediation. He has conducted numerous site investigations at RCRA, CERCLA, LUST, ISRA, and solid waste disposal sites.

EDUCATION

EDUCATION AND TRAINING
B.S., UMUC, Environmental
Management

Mr. Krohn's environmental experience involves management of Brownfield redevelopment projects, industrial site recoveries, underground storage tank removal sites, and remedial actions at former agricultural sites. He is responsible for taking projects from inception through regulatory approval. As such, his representative experience spans the Preliminary Assessment process, through Site Investigations and Remedial Investigations, and onward toward Remedial Action and eventual site closure. Mr. Krohn has completed these tasks on a wide range of property types, including redevelopment, military, agricultural, industrial, underground storage tank, and hazardous waste sites.

REPRESENTATIVE CLIENTS

PROFESSIONAL COURSES

40 Hour OSHA HAZWOPER
Certified and Excavation
Trenching and Shoring

New Jersey Department of
Environmental Protection for
UST Closure and Subsurface
Evaluation Certification No.
423424

New Jersey Department of
Environmental Protection
Licensed Site Remediation
Professional (LSRP) No. 591428

- ◆ *Brownfield Redevelopment*—Provided office management and on site supervision of multiple Brownfield's project throughout the state of New Jersey, consisting of the redevelopment of a city block's and individual properties into various types of multi-use venues. Experience includes but is not limited to:
- ◆ *Underground Storage Tanks (UST), Asbury Park, NJ*—Upon ground breaking, separate phase groundwater contamination was discovered by the developer. The contamination was traced to a 12,000 gallon abandoned-in-place UST. A dewatering system coupled with a groundwater treatment system was used to facilitate source removal. The remediation was completed with the goal of minimal delays to the existing construction schedule. Subsequent review of previously completed environmental investigations revealed an inadequate work product, allowing the developer to partially recover remediation costs.

- ◆ ***Municipal Police Command Center, Essex County, NJ***—Directed the integrated environmental remediation of a municipal police command center. Informed multiple crews throughout the construction of the health effects of the on-site material and established on-site protocol to minimize adverse cumulative effects of construction on sensitive receptors. Remedial activities include the excavation and disposal of historic fill material within an urban area. Constituents of concern include poly-aromatic hydrocarbons and heavy metals. Utilized multiple sub-surface soil and ground water investigations to determine compounds are not migrating off-site and do not pose a threat to groundwater. Prepared and submitted a remedial action workplan to the NJDEP requesting the installation of an engineering control (cap) as the remedial course of action. The cap was installed to prevent direct contact with the remaining historic fill material and a notice is attached to the property deed informing future owners that contaminated material underlies the site.
- ◆ ***Vapor Intrusion Investigation/Groundwater Remediation (Chlorinated Solvent Plume), Monmouth County, NJ***—Directed the completion of large-scale vapor intrusion (VI) investigation and groundwater remediation at a dry cleaning facility that was identified to have a potential Immediate Environmental Concern (IEC).
 - The VI investigation included the planning, sampling, and directing of a full scale VI investigation in accordance with the January 2012 NJDEP Vapor Intrusion Technical Guidance Document. The VI investigation included the collection of greater than thirty samples including indoor air samples, sub-slab soil gas samples, and ambient air samples.
 - The groundwater remediation included the completion of in situ chemical oxidation (ISCO) of the groundwater plume coupled with the installation of a geomembrane vapor barrier to prevent future VI issues.
- ◆ ***Agriculture, Monmouth County, NJ***—Provided field oversight and technical management for a historic apple orchard slated for residential development in Upper Freehold Township, New Jersey. Upon completion of Preliminary Assessments and Site Investigations, significant organochlorine and inorganic contamination was detected in site soils. However, using evidence for naturally occurring arsenic, the project specific cleanup criteria was elevated to lessen the amount of remediation required by the property owner. To avoid costly disposal costs for the remaining contaminated soil, an engineering control system was instituted.

- ◆ **Former Military Installation, Dallas, TX**—Responsible for the installation of 18 hydraulically fractured injection points and subsequent in-situ remedial activities. Site activities included the installation of 18 injection points utilizing a direct-push drill rig. Once installed, the injection points were subsequently hydraulically fractured to increase the rate at which in situ chemical oxidizers could be applied to remediate ground water contamination. Remediation for the project was completed within 12 months and remedial goals were achieved.
- ◆ **Department of Veterans Affairs Medical Facilities, Multiple Locations, U.S.A.:** Completed Phase I Environmental Site Assessment's (Phase I ESA) in accordance with CERCLA and Environmental Assessment's in accordance with NEPA. The projects was part of a team of expert advisory services utilized for the drafting of required documents to accomplish the execution of an Enhanced-Use Lease (EUL) on the site that is awarded to a preferred lessee that maximizes the benefits and potential savings to the Department of Veterans Affairs.
- ◆ **NEPA Environmental Services, Multiple Clients** – Worked congruently as group Project Manager with federal agencies, multiple state agencies, private developers and non-profit organizations on various types of NEPA environmental review process projects. Typically the NEPA process was triggered for projects that are applying for/receiving federal funding from programs that are administered by the United States Department of Housing and Urban Development (HUD). Have personally works closely with clientele to provide timely and cost effective NEPA environmental review services. Duties include identifying the proposed action, and then utilizing expertise to assist the client in determining the level of environmental review necessary for each individual project. Project experience includes Statutory Exclusions (STATEXs); Categorical Exclusions (CATEXs); Environmental Review Records (ERRs); Environmental Assessments (EAs); and Environmental Impact Statement (EIS').
- ◆ **Property Due Diligence.** Managed the property due diligence needs for a portfolio of residential and retail developers. The group was tasked with completing pre-closing due diligence services on multi-million dollar real estate transactions. Based on the client's needs, the proper level of investigation was proposed to limit liability and business environmental risk. Strict adherence to comprehensive federal, state, and/or internal guidelines resulted in defensible products that allowed developers to enter a transaction with confidence knowing environmental risks were either nonexistent, established, or quantified.
- ◆ **Industrial.** Implemented oversight and remediation at various New Jersey industrial sites. In addition to technical guidelines common to most environmental cases, the NJDEP Industrial Site Recovery Act (ISRA) procedures demand special attention to administrative requirements and rules. With this recognition of extraordinary details, industrial property owners were provided services to navigate this unique landscape. Representative sites spanned small machine shops to large transistor manufacturing facilities.

CHRISTINA VIGUERS

ENVIRONMENTAL SCIENTIST

EDUCATION

University of North Carolina
Wilmington
B.S., Environmental Science

REGISTRATION/ CERTIFICATIONS

OSHA 40-hour HAZWOPER—
certified in accordance with 29
CFR 1910.120

First Aid/CPR/AED American
Red Cross Certified

Emergency Medical and First
Responder Training

Ms. Viguers' experience is focused in site remediation including due diligence, site investigations, and remedial activities for service stations, refineries, Spill Act Discharge sites and various land development projects. Ms. Viguers has worked as an Environmental Scientist for a range of clients including private, public and non-profit organizations. Ms. Viguers incorporates technical knowledge in conducting environmental investigations, remedial activities, and regulatory site closure activities in accordance with the New Jersey Department of Environmental Protection (NJDEP) Technical Requirements for Site Remediation.

In addition, Ms. Viguers has worked closely in tandem with an NJDEP Licensed Site Remediation Professional (LSRP) to assist in regulatory compliance obtainment for a wide range of cases. Ms. Viguers' experience includes the preparation of Remedial Action Permits for Soil and Groundwater, New Jersey Pollutant Discharge Elimination System/Discharge to Groundwater (NJPDES/DGW) permit-by-rule authorization requests, Remedial Action Workplans (RAW), Underground Storage Tank (UST) Closure Reports, Site Investigation Reports (SIR), Remedial Investigation Reports (RIR), Remedial Action Reports (RAR), and Response Action Outcomes (RAO).

REPRESENTATIVE PROJECTS

- ◆ *Sanchez Gulf Service Station- Vineland, New Jersey*
Environmental Scientist - Responsibilities included a comprehensive review of previous remedial activities performed on-site, soil and groundwater sampling analysis, preparation of LSRP forms including a Receptor Evaluation Report and Case Inventory Document (CID) and preparation UST Closure Report/Remedial Action Report (RAR). Ms. Viguers also assisted in preparation and filing of Response Action Outcome (RAO) to obtain site closure with NJDEP.
- ◆ *Prevention First, Inc.- Ocean Township, New Jersey*
Environmental Scientist - Responsibilities included groundwater and soil sample analysis, preparation of Public Notification signage and documentation, preparation of Remedial Action Report (RAR), preparation of LSRP forms including Receptor Evaluation Report. In addition, worked with LSRP, non-profit representatives and State and County representatives to assist in completion of Remedial Action Permit for Groundwater and establish a Classification Exception Area/Well Restriction Area (CEA/WRA) for the site.
- ◆ *Orange Housing Authority- Orange, New Jersey*
Environmental Scientist - Responsibilities included preparation of an Unregulated Heating Oil Tank (UHOT) System Closure Report/Remedial Action Report (RAR) and associated LSRP forms in accordance with the Technical Requirements for Site Remediation (N.J.A.C. 7:26E).

- ◆ **Mossbrook's Gulf/Firestone Tire Facility- Middle Township, New Jersey**
Environmental Scientist - Responsibilities included groundwater and soil sample analysis, preparation of New Jersey Pollutant Discharge Elimination System/ Discharge to Groundwater (NJPDES/DGW) permit-by-rule authorization request and preparation of Remedial Action Workplan (RAW) and associated LSRP forms to obtain NJDEP approval to conduct In-Situ Chemical Oxidation (ISCO) groundwater contamination treatment on-site.
- ◆ **Monmouth County Parks System- Monmouth County, New Jersey**
Environmental Scientist - Over multiple sites located within Monmouth County Responsibilities included comprehensive site investigations, NJDEP database file reviews, preparation of NJDEP forms, and preparation of Preliminary Assessment reports.
- ◆ **Cape May Gulf Service Station- Cape May, New Jersey**
Environmental Scientist - Responsibilities included NJDEP file reviews, preparation of Remedial Action Protectiveness/Biennial Certification, facilitation of transition of previously established Classification Exception Area/Well Restriction Area (CEA/ WRA) to Remedial Action Permit for Groundwater, and preparation of LSRP forms including Receptor Evaluation Report and Case Inventory Document (CID) to obtain NJDEP compliance.
- ◆ **J & S Automotive- Bordentown Township, New Jersey**
Environmental Scientist - Responsibilities included sub-slab soil vapor sample analysis, and preparation of Full Laboratory Data Deliverables report in accordance with Technical Requirements for Site Remediation (N.J.A.C. 7:26E).
- ◆ **B & F Landscaping Diesel Spill- Monroe Township, New Jersey**
Environmental Scientist - Responsibilities included soil sample analysis, preparation of site maps, and preparation of summary report of findings to obtain case closure for small diesel spill with Gloucester County Department of Health, Senior & Disability Services.
- ◆ **DeWitt Avenue and Madison Avenue- Asbury Park, New Jersey**
Environmental Scientist - Responsibilities included site investigations which incorporated site walk-throughs and NJDEP file reviews, preparation of a remedial action work plan (RAW), and preparation of Phase I ESAs.
- ◆ **USA Gas- Franklin Township, New Jersey**
Environmental Scientist - Responsibilities included NJDEP file review, soil sample analysis, preparation of Underground Storage Tank (UST) Facility Questionnaire to amend NJDEP UST Database, preparation of UST Closure/Site Investigation Report (SIR), and assistance in preparation and filing of Response Action Outcome of LSRP investigations to obtain case closure.

SECTION 6: COST PROPOSAL



VI. COST PROPOSAL



COST PROPOSAL

HOURLY RATES & CHARGES

MANASQUAN PUBLIC SCHOOL DISTRICT LOWER FIELD ATHLETIC FACILITY IMPROVEMENTS

Cost Proposal

▪ Survey & Base Mapping	Lump Sum Fee	\$ 2,600
▪ Concept & Project Development	Lump Sum Fee	\$ 910
▪ Soils Investigation Phase	Lump Sum Fee	\$ 13,630
▪ Drainage Study & Culvert Evaluation	Lump Sum Fee	\$ 7,500
▪ Preliminary Design	Lump Sum Fee	\$ 15,550
▪ Final Design / Construction Documents	Lump Sum Fee	\$ 13,700
▪ Permits	Lump Sum Fee	\$ 9,500
▪ Bidding Phase	Lump Sum Fee	\$ 2,325
▪ Construction Administration / Observation	Lump Sum Fee	\$ 19,700
▪ <u>Reimbursable Expense Budget Estimate</u>	<u>Estimated Fee</u>	<u>\$ 2,000</u>
	TOTAL FEE	\$ 87,415

Fee Structure

- Principal/Project Officer \$150/hour
- Project Manager \$145/hour
- Senior Engineer/Project Coordinator \$135/hour
- Engineer \$125/hour
- Landscape Architect \$125/hour
- Professional Land Surveyor \$125/hour
- Senior Designer \$115/hour
- Designer \$110/hour
- Technician \$90/hour
- Senior Inspector \$95/hour
- Inspector \$90/hour
- Secretarial/Clerical \$50/hour
- Survey Equipment Unit Cost
 - Robotic/GPS \$50/hour
- Any actual disbursements or unusual expenses which we incur on your behalf, such as filing fees, delivery charges, travel, parking and toll charges will be included as expense charges in your invoices. (Minimum reproduction charge of \$20 per event).
 - Large format black and white document reproduction \$0.50/square foot
 - Large format color document reproduction \$3.00/square foot
 - Large volume black and white photocopies \$0.15/copy
 - Large volume color photocopies \$0.30/copy
 - Mileage will be billed at \$0.57 per mile.
 - Approved subcontracted services will be billed at actual cost plus 15 percent.



SECTION 7: PROJECT SCHEDULE



VII. PROJECT SCHEDULE



PROJECT SCHEDULE

SCE-P08797.011

PROFESSIONAL DESIGN & ENGINEERING SERVICES MANASQUAN LOWER FIELD ATHLETIC FACILITY IMPROVEMENTS

TASK DESCRIPTION	Month 1- Dec	Month 2- Jan	Month 3- Feb	Month 4- March	Month 5- April	Month 6- May	Month 7- June	Month 8- July	Month 9- Aug	Month 10- Sept	Month 11- Oct
Award of Project											
Topographic and Location Survey Update											
Concept Design Phase Services											
Soils Sampling Testing & Evaluation											
Drainage Study & Pipe Structural Inspection											
Preliminary Design Services											
*Permits and NIDEP Regulatory Review											
Final Engineering Design Services											
Construction Document Preparation / QAQC											
Bidding Phase Services & Award Contract											
Construction Period - 110 Calendar Days											

* Denotes the MINIMUM time period of 90 calendar days for NIDEP in review and comment on the application for FFA Permit. Additional time may be required.

SCHEDULE KEY	
Milestone Meeting / Review	
SCE Task Time	
NIDEP Review Time	
Construction Period	

SECTION 8: CLIENT REFERENCES



VIII. CLIENT REFERENCES



CLIENT REFERENCES

CONTACT	CLIENT	TELEPHONE
Steven W. Corso, CPA Business Administrator, Board Secretary	Point Pleasant School District	(732) 701-1900 ext. 2410
Vincent Smith Superintendent of Schools	Point Pleasant School District	(732) 701-1900 ext. 2412
Sean Boyce, CPA Assistant Superintendent/Business Administrator, Board Secretary	Freehold Regional High School District	732-792-7300, ext. 8519
Pat Lagravenis, CFM, CEFM Director of Buildings & Grounds	Freehold Regional High School District	(732) 431-8375
Barry Stein Building Services Manager	Passaic School District	(973) 277-5887 cell#
Carol Grossi Superintendent of Schools	Hanover Park Regional High School District	(973) 887-0320
William Albert School Business Administrator	Hanover Park Regional High School District	(973) 887-0340
Dr. Neely Hackett Superintendent of Schools	Irvington Public Schools	(973) 399-6800 ext. 2110
Alyson Fischer Athletic Director	Lawrence Township School District	(609) 671-5500 ext. 2650
Thomas Eldridge Business Administrator, Board Secretary	Lawrence Township Board of Education	(609) 671-5420
Thomas Valenti Assistant City Engineer	City of New Brunswick	(732) 745-5056
Frank LoDolce Director of Facility Design and Construction	New Brunswick Board of Education	(732) 745-5300 ext. 5389
Greg Komeshek Athletic Director (retired)	Passaic Board of Education	(973) 277-5911 cell#
John Sommer VP of Administration & Finance	Georgian Court University	(732) 987-2416
Mike Zanko Director of Campus Planning	Montclair State University	(973) 655-5457
Tony Gattone Project Manager - Campus Planning & Construction	Rowan University	(609) 617-9849 cell #
Robert Becker Superintendent of Schools	Dover Public Schools	(973) 989-2000
John Serapiglia, Jr. Business Administrator, Board Secretary	Manchester Regional High School	(973) 389-2842
Dr. Drucilla Clark Superintendent of Schools	Clinton Township School District	(908) 236-7235



CLIENT LISTINGS

CURRENT & PAST BOARD OF EDUCATION CLIENTS

<u>CLIENT</u>	<u>CONTACT</u>	<u>PHONE</u>
Point Pleasant School District	Vincent Smith	(732) 701-1900
Freehold Regional High School District	Sean Boyce, CPA	(732) 792-7300
Passaic Public Schools	Barry Stein	(973) 815-8897
Hanover Park Regional School District	Carol Grossi	(973) 887-0320
Lawrence Township Board of Education	Thomas Eldridge	(609) 671-5420
Irvington Board of Education	Dr. Neely Hackett	(973) 399-6800 ext. 2100
Dover Public Schools	Bob Becker	(973) 989-2000
Clinton Township Board of Education	Drucilla Clark	(908) 236-7235
James Caldwell High School	Frank Ennis	(973) 228-6981
Union Catholic High School	Karen Piasecki	(908) 889-1600
Blairstown Board of Education	Molly Petty	(908) 362-8536
Saddle Brook School District	Harry Groveman	(201) 843-2880
Warren Hills Regional School District	Patrick Murphy	(908) 689-3143
Mount Saint Mary Academy	Sister Lisa Gambacorto	(908) 757-0108
McAuley School for Exceptional Children	Sister LeeAnn Amico	(908) 754-4114
Manchester Regional High School District	John Serapiglia	(973) 389-2842
New Brunswick School District	Frank LoDolce	(732) 745-3500



SECTION 9: LETTERS OF RECOMMENDATION



IX. LETTERS OF RECOMMENDATION





Bridgewater Baseball & Softball

P.O. Box 6222 * Bridgewater * NJ * 08807 * www.BridgewaterBaseball.com

November 12, 2015

Suburban Consulting Engineers, Inc.
100 Valley Road, Suite 202
Mt. Arlington, New Jersey 07856

Attn.: Joseph D. Perello, LLA, PP
Principal Vice President

Re.: Letter of Recommendation

Dear Mr. Perello:

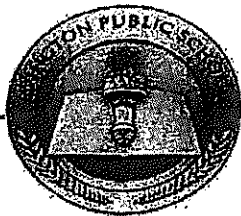
Bridgewater Baseball & Softball would like to take this opportunity to express our appreciation of the level of effort, excellent service and project commitment by Suburban Consulting Engineers and the design team led by Mr. Joseph Perello. The firm provided outstanding professional services to our organization for the baseball infield area improvements at Fields PR2 and PR 3 at the Prince Rodgers Complex, located in the Township of Bridgewater, County of Somerset, New Jersey.

Mr. Perello and the design team provided excellent site design, engineering, permitting approvals and construction phase services for the project from January to April 2014. The project was designed, approved, bid and constructed on a very fast track schedule and resulted in an outstanding facility that has improved the facility for the games, training and development of our youth athletes. Two little league baseball infields were designed with synthetic turf surfacing, natural clay mounds, and a complete under drain and base drainage system with the ability to be utilized for 50'/70' league baseball play for our youth leagues.

These two new and improved athletic fields have greatly improved our facilities and have reduced the number of rainouts due to improved drainage and the synthetic turf infield surfacing. The players, coaches, parents and the community are very impressed with these fields. The services provided by Joe and the team at Suburban Consulting Engineers on such a fast track schedule enabled our baseball league to open our Spring season on time with a new state of the art facility that has brought excitement to our community. I would like to thank Suburban Consulting Engineers for providing such outstanding professional services on this exciting project. We are confident that many future youth athletes and members of our community will benefit from playing and practicing on these improved fields.

Sincerely,
Bridgewater Baseball & Softball

Sal Bilia 
Executive Board, President,
(908) 705-0747



IRVINGTON PUBLIC SCHOOLS
Office of the Superintendent

Dr. Neely Hackett
Superintendent

One University Place Irvington, New Jersey 07111
(973) 399-6800 x 2110 (973) 372-3724 fax

November 11, 2014

Suburban Consulting Engineers, Inc.
100 Valley Road, Suite 202
Mt. Arlington, New Jersey 07856

Attn: Joseph D. Perello, LLA, PP, ASLA
Principal / Vice President

Re: LETTER OF RECOMMENDATION

Dear Mr. Perello:

The Irvington Board of Education would like to thank SUBURBAN CONSULTING ENGINEERS, INC. (SCE) for the level of services provided on the Irvington High School Athletic Sports Complex, which was completed in September 2013. The Board of Education and related staff members are greatly appreciative and truly impressed by the excellent services demonstrated by SCE and the Design Team throughout the duration of this project.

In conjunction with the Board of Education and the District Architects, SCE coordinated the budgetary and scheduling needs through detailed engineering and project management services. SCE provided all design services on the multi-purpose synthetic turf field to accommodate football, soccer and track and field events within the inside of a new all-weather surface running track. In addition, the SCE designed a new spectator bleacher seating with press box, additional natural turf practice areas, track and field with new all-weather surfacing to meet NFHS standards, and the sports lighting and sound system for all fields and activities within the stadium facility. SCE also renovated restroom facilities and designed a new concession building and storage facilities.

We are captivated by the level of efforts demonstrated by SCE and the Project Design Team, which made this project possible. The new Sports Complex has revitalized the community and has attracted numerous athletic interests at the school in football, soccer and track. Please accept this letter as our appreciation for such commendable services displayed on our project.

Sincerely,

Dr. Neely Hackett
Superintendent



CITY OF PASSAIC

330 PASSAIC STREET
PASSAIC, NJ 07055

DIVISION OF ENGINEERING

Jorge L. Torres, P.E. – City Engineer

TEL (973) 365-6624
FAX (973) 365-5536

March 9, 2011

Mr. Joseph Perello, LLA, PP
Project Manager
Suburban Consulting Engineers
100 Valley Road, Suite 202
Mount Arlington, NJ 07856

RE: Roberto Clemente Field Endorsement

Dear Mr. Perello:

I would like to take this opportunity to express our appreciation of the level of effort and commitment to providing outstanding services to the City of Passaic by Suburban Consulting Engineers for the Roberto Clemente Field Project at Pulaski Park. The SCE project team provided excellent site design, engineering and landscape architecture services for the reconstruction of this public athletic facility within an extremely short time period to keep the design phase on schedule and meet the needs of the City of Passaic.

Suburban Consulting Engineers prepared the design of a completely new baseball field facility that will soon be constructed to meet the City's high demand for improved athletic fields and park facilities. The project required extensive site layout and design improvements as well as detailed engineering services to coordinate with the soil improvement phase of the project. SCE was also able to design the facility with alternate bid items for a synthetic turf field as well as for a natural grass field to meet the City's budget requirements.

The newly constructed field and related park improvements will greatly improve the quality of life for the residents of the City. Thank you for providing such outstanding services on such a fast track schedule to meet the needs of our community.

Sincerely,


Jorge L. Torres, PE
City Engineer



March, 2011

Office of the Directress

To whom it may concern:

I have known Darin Phil for over five years. I admire him on many levels, both personally and professionally. Darin is the "brainpower" and "manpower" that created our current athletic facility at Mount Saint Mary Academy in Watchung, New Jersey.

He and his colleagues at Suburban Consulting Engineers, Inc., were able to construct a state of the art turf track and field on the side of a mountain. I interviewed many engineers before contacting Suburban Engineers. Most said that the project was not possible.

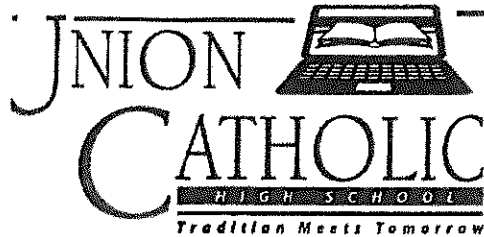
A "can do attitude" permeates this company from administrative assistants to senior engineers. These are remarkable men and women with knowledge and skills. They are dependable, and true to their word. They were also able to control costs. As you well know, it is very difficult to find a company these days who has this kind of professional integrity.

Suburban Consultants received national recognition for the facility they created on our campus.

I wholeheartedly recommend Daren Phil and his company. If you would like any further information, please do not hesitate to contact me.

Sincerely,

Sister Lisa D. Gambacorto, RSM, Ed.S
DIRECTRESS



March 2011

To whom it may concern:

On behalf of Union Catholic High School, I highly recommend to you Suburban Consulting Engineers, Inc. (SCE). I have had the pleasure to work with Daren Phil and SCE in every aspect of our athletic complex. I am grateful for the opportunity to work with such a dedicated group of professionals to complete our dream project.

Daren Phil of Suburban Consulting Engineers, Inc. was engaged in every detail of our athletic complex project which included the initial concept, the design phase and the implementation of the construction phase. Daren Phil and his team worked closely with us to ensure that the necessary permits were issued and surveys completed. SCE had oversight of the contractors while they were on site to be sure the work was completed satisfactorily and in a timely fashion.

Daren and his team envisioned how to maximize the use of our athletic space and that vision has proven to be invaluable. During the design phase, Daren and his team listened, incorporated our ideas and explained any and all details of the plans. SCE helped us select contractors who brought a work ethic that matched our expectations. SCE's plan exceeded our expectations and Daren's professional expertise is without question.

SCE and Daren Phil continue to be engaged in every aspect of our athletic complex project which includes not only a state-of-the-art turf field but also dugouts, bleachers, a track surface and a high jump area.

I invite you to visit our complex to see first hand the outstanding work performed by Suburban Consulting Engineers and Daren Phil which tremendously benefits our students as well as our local community and supporters tremendously.

I would be happy to provide additional information upon request.

Very truly yours,

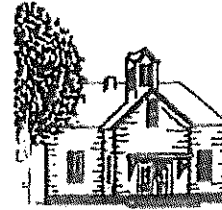
Karen Piasecki
Associate Principal
Union Catholic High School
(908) 889-1600 ext. 301

Quality education in a faith based environment.

Clinton Township Board of Education

Kevin Carroll
Superintendent

Patricia Leonhardt
Business Administrator/
Board Secretary



March 2011

RE: Suburban Consulting Engineers/Clinton Township School District Athletic Field Improvements Project Endorsement

To Whom It May Concern:

On behalf of the Clinton Township School District, I would like to commend Suburban Consulting Engineers for providing excellent design, engineering and professional services for our facilities in the District. I would particularly like to recognize your firm's services on the preparation of the feasibility study and design services for athletic field improvements at the Spruce Run Elementary School and the Clinton Township Middle School.

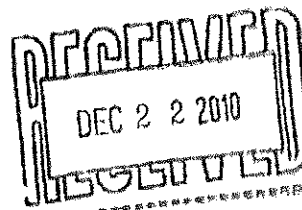
Suburban Consulting Engineers was responsible for the preparation of a detailed feasibility study that evaluated site conditions and provided site plan designs and cost estimates for a new soccer field and softball field to be located at the Spruce Run Elementary School and Clinton Township Middle School. The existing site characteristics of steeply sloping topography, eroded soils, and the need for storm water management and pedestrian and vehicular access all contributed to the challenges that the project team members were able to provide solutions for within a short time period.

Once constructed, these athletic facilities will provide a much needed resource for physical education activities, school team practices and games, as well as be available for public recreational team use and individual use with the approval by the School District. These athletic facilities will greatly enhance the quality of life for our students and our community. Thank you for providing such outstanding services to the Clinton Township School District.

Sincerely,

Patricia Leonhardt

Patricia Leonhardt
Business Administrator/Board Secretary
Clinton Township School District



1651 US HIGHWAY 22, WATCHUNG, NJ 07069-6587
A Sponsored Work of the Sisters of Mercy of the Americas
Mid Atlantic Community

December 20, 2010

Daren J. Phil
Suburban Consulting Engineers, Inc.
100 Valley Road, Suite 202
Mt. Arlington, NJ 07856

Dear Daren,

We are so appreciative, once again, of your work on our behalf. We are grateful for your research into the requirements associated with permit compliance and certificate of occupancy should we decide to implement a development plan here at the House of Prayer. You have provided us with answers to questions we've had for some time. Please accept our gratitude for giving your time, talent and expertise to this project.

You will be remembered in a special way in our prayers for our "benefactors" each Thursday evening at our Holy Hour.

Wishing you the peace of Christmas now and throughout the New Year.

Sincerely,

Theresina Flannery RSM

Theresina Flannery, RSM

SECTION 10: REQUIRED CERTIFICATIONS & FORMS



X. REQUIRED CERTIFICATIONS & FORMS





STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE

Taxpayer Name: SUBURBAN CONSULTING ENGINEERS INC.

Trade Name:

Address: 96 US HIGHWAY 206, SUITE 101
FLANDER, NJ 07836

Certificate Number: 0074521

Effective Date: December 08, 2005

Date of Issuance: January 05, 2016

For Office Use Only:

20160105091711667

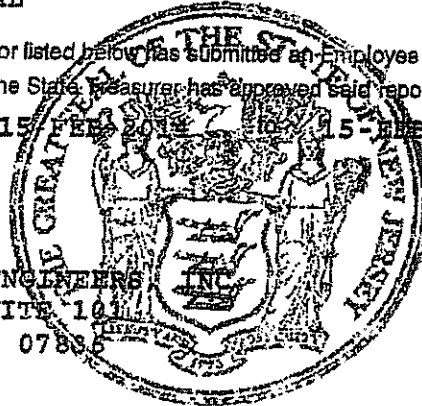
Certification 13480

**CERTIFICATE OF EMPLOYEE INFORMATION REPORT
RENEWAL**

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et. seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of

15 FEB 2019 to 15 FEB 2021

SUBURBAN CONSULTING ENGINEERS
96 US HIGHWAY 206, SUITE 101
FLANDERS NJ 07836



Ford M. Scudder

FORD M. SCUDDER
Acting State Treasurer

EXHIBIT A

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE

N.J.S.A. 10:5-31 et seq. (P.L. 1975, C. 127)

N.J.A.C. 17:27

GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor, where applicable, will send to each labor union or representative or workers with which it has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer advising the labor union or workers' representative of the contractor's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to employ minority and women workers consistent with the applicable county employment goals established in accordance with N.J.A.C. 17:27-5.2, or a binding determination of the applicable county employment goals determined by the Division, pursuant to N.J.A.C. 17:27-5.2.

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the applicable employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

Letter of Federal Affirmative Action Plan Approval

Certificate of Employee Information Report

Employee Information Report Form AA302

The contractor and its subcontractors shall furnish such reports or other documents to the Div. of Contract Compliance & EEO as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Div. of Contract Compliance & EEO for conducting a compliance investigation pursuant to Subchapter 10 of the Administrative Code at N.J.A.C. 17:27.

State of New Jersey
Division of Consumer Affairs
State Board of Professional Engineers and Land Surveyors

THIS CERTIFIES THAT

SUBURBAN CONSULTING ENGINEERS, INC.

96 US Highway 206, Ste. 101

Attn: Leann Phil

Flanders NJ 07836

Has met the requirements of the State Board of Professional Engineers and Land Surveyors and is hereby issued a

CERTIFICATE OF AUTHORIZATION

to offer the following services

Engineering & Land Surveying

DAREN J PHIL

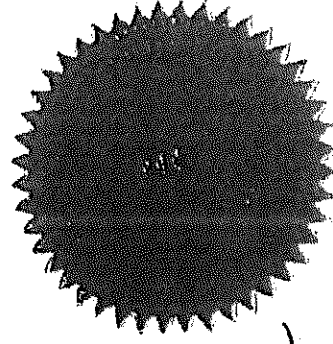
Person in Responsible Charge

For the names of other Responsible Charge Licensees, go to: <http://www.njconsumeraffairs.com/pels/certprt.pdf>

Date: June 28, 2017

Certificate No. 24GA28037500

Expiration Date: 08/31/2018



Joanne Leone

Executive Director

THIS DOCUMENT PRINTED ON WATERMARKED PAPER, WITH A DIGITAL SIGNED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Architects

HAS LICENSED

SUBURBAN CONSULTING ENGINEERS, INC
Joseph Perello
96 U.S. Highway 206 - Ste 101
Flanders NJ 07836

FOR PRACTICE IN NEW JERSEY AS A(N): Certificate of Authorization

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
Board of Architects
HAS LICENSED
SUBURBAN CONSULTING ENGINEERS, INC
Certificate of Authorization

21MH00004200
04/13/2017 TO 05/31/2019
VALID
21MH00004200
New Jersey Office of the Attorney General
Division of Consumer Affairs

04/13/2017 TO 05/31/2019
VALID

21MH00004200
LICENSE/REGISTRATION/CERTIFICATION #

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Board of Architects
P.O. Box 45801
Newark, NJ 07101

Signature of Licensee/Registration/Certificate Holder

DIRECTOR

PLEASE DETACH HERE

SUBURBAN CONSULTING ENGINEERS INC
YOUR LICENSE/REGISTRATION/CERTIFICATE NUMBER IS 21MH00004200 . PLEASE USE IT IN ALL
CORRESPONDENCE TO THE DIVISION OF CONSUMER AFFAIRS USE THIS SECTION TO REPORT ADDRESS
CHANGES. YOU ARE REQUIRED TO REPORT ANY ADDRESS CHANGES IMMEDIATELY TO THE ADDRESS NOTED
BELOW

Board of Architects
P.O. Box 45801
Newark, NJ 07101

PRINT YOUR NEW ADDRESS OF RECORD BELOW
YOUR ADDRESS OF RECORD IS THE ADDRESS THAT WILL PRINT ON
YOUR LICENSE/REGISTRATION/CERTIFICATE AND IT MAY BE MADE
AVAILABLE TO THE PUBLIC.

HOME ☐
BUSINESS ☐

PRINT YOUR NEW MAILING ADDRESS BELOW
YOUR MAILING ADDRESS IS THE ADDRESS THAT WILL BE USED BY
THE DIVISION OF CONSUMER AFFAIRS TO SEND YOU ALL
CORRESPONDENCE.

HOME ☐
BUSINESS ☐

TELEPHONE
INCLUDE AREA CODE

TELEPHONE
INCLUDE AREA CODE

If the law governing your profession requires the current license/registration/certificate to be displayed, it should be
within reasonable proximity of your original license/registration/certificate at your principal office or place of business.



State of New Jersey

CHRIS CHRISTIE
Governor

DEPARTMENT OF THE TREASURY
DIVISION OF REVENUE & ENTERPRISE SERVICES
P.O. BOX 026

KIM GUADAGNO
Lt. Governor

TRENTON, NJ 08625-034
PHONE: 609-292-2146 FAX: 609-984-6679

FORD M. SCUDDER
Acting State Treasurer

APPROVED

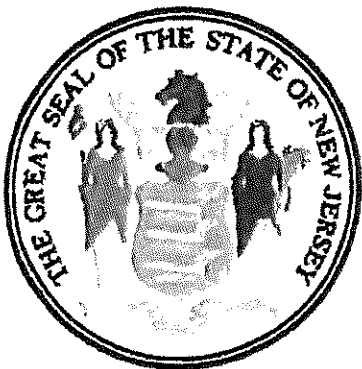
under the

Small Business Set-Aside Act and Minority and Women Certification Program

This certificate acknowledges SUBURBAN CONSULTING ENGINEERS INC as a Category 3 and 6 approved Small Business Enterprise that has met the criteria established by N.J.A.C. 17:13 and/or 17:14.

This registration will remain in effect for three years. Annually the business must submit, not more than 60 days prior to the anniversary of the registration notice, an annual verification statement in which it shall attest that there is no change in the ownership, revenue eligibility or control of that business.

If the business fails to submit the annual verification statement by the anniversary date, the SBE registration will lapse and the business SBE status will be revoked in the New Jersey Selective Assistance Vendor information (NJSAVI) database that lists registered small businesses. If the business seeks to be registered again, it will have to reapply and complete the New SBE online registration located at:
www.njportal.com/DOR/SBERegistry/.



Peter Lowicki
Deputy Director

Issued: 6/12/2017
Certification Number: A0057-45

Expiration: 6/12/2020



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/1/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Dale Group PO Box 6 Florham Park NJ 07932		CONTACT NAME: Tina Taran PHONE (A/C No. Ext.): 973-377-7000 FAX (A/C No.): 973-377-4614 E-MAIL ADDRESS: tina@dalegroup.com	
INSURED Suburban Consulting Eng, Inc 96 Hwy RT 206 Suite 101 Flanders NJ 07836		INSURER(S) AFFORDING COVERAGE INSURER A: Valley Forge Ins. Co. NAIC # 20608 INSURER B: Continental Casualty Company NAIC # 20443 INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 1067790080

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WYD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PRO-JECT LOC		B5085943435	2/24/2017	2/24/2018	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (An one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000
A	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/>		B5085605943	2/24/2017	2/24/2018	COMBINED SINGLE LIMIT Ea accident \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE e accident \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$0		B5088136652	2/24/2017	2/24/2018	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A	VC585943516	2/24/2017	2/24/2018	<input checked="" type="checkbox"/> WC STATUTORY LIMITS OTH- E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
B	Professional		AEH004316497	2/24/2017	2/24/2018	Claim/Occurrence \$5,000,000 Aggregate \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Evidence of Insurance

CERTIFICATE HOLDER

Evidence of Insurance

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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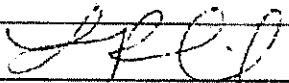
Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type
See Specific Instructions on page 2.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. SUBURBAN CONSULTING ENGINEERS, INC.		
2 Business name/disregarded entity name, if different from above		
3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>	
5 Address (number, street, and apt. or suite no.) 96 U.S. Highway 206, Suite 101		Requester's name and address (optional)
6 City, state, and ZIP code Flanders, New Jersey 07836		
7 List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN) Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I Instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> on page 3. Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.	Social security number [][] - [][] - [][][][] or Employer identification number [][][] - [][][][][][][][][] 2 2 - 2 7 5 0 9 7 1
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Part II Certification Under penalties of perjury, I certify that: 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and 3. I am a U.S. citizen or other U.S. person (defined below); and 4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct. Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.	Sign Here Signature of U.S. person ▶  Date ▶ 2-1-17
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

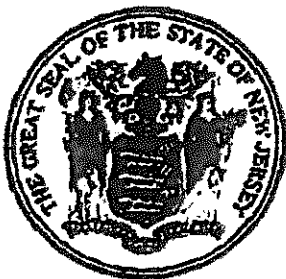
- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1098-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing this filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued).
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
DIVISION OF PROPERTY MANAGEMENT AND CONSTRUCTION
NOTICE OF CONSULTANT PREQUALIFICATION

FIRM: SUBURBAN CONSULTING ENGINEERS INC.
ADDRESS: 96 U.S. HIGHWAY 206, SUITE 101
FLANDERS, NJ 07836

☐ INITIAL ☐ REVISED ☒ RENEWAL

DATE OF ISSUE: AUGUST 23, 2016
EXPIRATION DATE: AUGUST 31, 2018
FEDERAL ID NUMBER: 222 750 971

☐ MBE ☐ WBE ☒ SBE ☐ VOB

The Experience Questionnaire (FORM 48A), submitted by your firm, has been reviewed. As a result of this review, your firm may be invited to submit proposals for projects involving the checked discipline(s) having a not to exceed Construction Cost Estimate (CCE) as noted. For the purposes of this form, NA = no fixed amount.

<input type="checkbox"/> ARCHITECTURE		<input checked="" type="checkbox"/> ROOFING CONSULTANT	\$250,000
<input checked="" type="checkbox"/> ELECTRICAL ENGINEERING	3 MILLION	<input type="checkbox"/> ACOUSTICS	
<input type="checkbox"/> HVAC ENGINEERING		<input type="checkbox"/> ASBESTOS DESIGN	
<input type="checkbox"/> PLUMBING ENGINEERING		<input type="checkbox"/> ASBESTOS SAFETY MONITORING	
<input checked="" type="checkbox"/> CIVIL ENGINEERING	10 MILLION	<input type="checkbox"/> CLAIMS ANALYSIS	
<input checked="" type="checkbox"/> SANITARY ENGINEERING	3 MILLION	<input type="checkbox"/> TELECOMMUNICATIONS	
<input checked="" type="checkbox"/> STRUCTURAL ENGINEERING	10 MILLION	<input type="checkbox"/> EXHIBIT/INTERPRETATIVE DESIGN	
<input type="checkbox"/> MECH. ENG. (ELEV., CONVEYORS, ETC.)		<input checked="" type="checkbox"/> FEASIBILITY PLANNING	3 MILLION
<input type="checkbox"/> SOILS ENGINEERING		<input type="checkbox"/> FIRE DETECTION SYSTEMS	
<input type="checkbox"/> FIRE PROTECTION ENGINEERING		<input type="checkbox"/> FIRE PROTECTION SYSTEMS	
<input checked="" type="checkbox"/> ENVIRONMENTAL ENGINEERING	3 MILLION	<input type="checkbox"/> FOOD SERVICE	
<input type="checkbox"/> MARINE ENGINEERING		<input type="checkbox"/> HYDRAULICS/PNEUMATICS	
<input checked="" type="checkbox"/> LANDSCAPE DESIGN	3 MILLION	<input checked="" type="checkbox"/> HYDROLOGY	NA
<input checked="" type="checkbox"/> PLANNING	3 MILLION	<input type="checkbox"/> SECURITY SYSTEMS	
<input checked="" type="checkbox"/> LAND SURVEYING	NA	<input checked="" type="checkbox"/> SITE PLANNING	5 MILLION
<input type="checkbox"/> AERIAL SURVEYING		<input type="checkbox"/> HISTORIC PRESERVATION CONSULTANT	
<input type="checkbox"/> HYDROGRAPHIC SURVEYING		<input type="checkbox"/> ENERGY AUDITING	
<input type="checkbox"/> FIRE & LIFE SAFETY RENOVATIONS		<input type="checkbox"/> TRAFFIC	
<input type="checkbox"/> BUILDING COMMISSIONING		<input checked="" type="checkbox"/> TRANSPORTATION	3 MILLION
<input type="checkbox"/> BOILER/STEAM LINES/HIGH PRESSURE SYS.		<input checked="" type="checkbox"/> WASTE/WATER TREATMENT	3 MILLION
<input checked="" type="checkbox"/> DAM/LEEVE DESIGN	\$500,000	<input type="checkbox"/> ENERGY MANAGEMENT CONTROL SYSTEM	
<input checked="" type="checkbox"/> BARRIER FREE/ADA DESIGN	5 MILLION	<input type="checkbox"/> RENEWAL ENERGY CONSULTANT	
<input checked="" type="checkbox"/> ESTIMATING/COST ANALYSIS	NA	<input checked="" type="checkbox"/> CONSTRUCTION FIELD INSPECTION	5 MILLION
<input type="checkbox"/> INTERIOR DESIGN/SPACE PLANNING		<input checked="" type="checkbox"/> PROJECT MANAGEMENT	3 MILLION
<input checked="" type="checkbox"/> ROOFING INSPECTION	\$250,000	<input checked="" type="checkbox"/> ENVIRONMENTAL CONSULTANT	NA
<input type="checkbox"/> CONSTRUCTION MANAGEMENT		<input type="checkbox"/> STORAGE TANK REMOVAL	
<input type="checkbox"/> CPM		<input type="checkbox"/> STORAGE TANK INSTALLATION	
<input type="checkbox"/> ARCHAEOLOGY		<input type="checkbox"/> PERIMETER SECURITY FENCING	
<input type="checkbox"/> GEOLOGY		<input type="checkbox"/> INDOOR AIR QUALITY TESTING	
<input checked="" type="checkbox"/> VALUE ENGINEERING	NA	<input type="checkbox"/> LANDFILL CLOSURE	
<input type="checkbox"/> HISTORIC PRESERVATION/RESTORATION		<input type="checkbox"/> LEAD PAINT EVALUATION	

PREPARED BY:

Pamela Sullivan
PAMELA SULLIVAN
MANAGER, PREQUALIFICATION UNIT

APPROVED BY:

Richard S. Flodman
RICHARD S. FLODMAN
DEPUTY DIRECTOR

NOTE: THIS IS AN ORIGINAL DOCUMENT. IT MAY BE REQUIRED AS PROOF OF YOUR PREQUALIFICATION STATUS.
PLEASE RETAIN THIS FORM FOR YOUR RECORDS.



STATE OF NEW JERSEY

SCHOOLS DEVELOPMENT AUTHORITY

32 EAST FRONT STREET
P.O. BOX 991
TRENTON, NJ 08625-0991
609-943-5955

RMS

August 24, 2016

Daren J. Phil, President
Suburban Consulting Engineers, Inc.
96 US Highway 206
Suite 101
Flanders, NJ 07836

RECEIVED AUG 25 2016

Re: Consultant Prequalification Notice
Federal Tax ID: 22-2750971

Dear Mr. Phil:

We have completed our review of Suburban Consulting Engineers, Inc.'s Application for NJSDA Prequalification and approved your firm to bid and/or perform work within the following discipline(s) and corresponding not to exceed construction cost estimates (CCE) as determined by DPMC:

<i>Discipline(s)</i>	<i>Construction Cost Estimate</i>
ELECTRICAL ENGINEERING	\$3 MILLION
CIVIL ENGINEERING	\$10 MILLION
SANITARY ENGINEERING	\$3 MILLION
STRUCTURAL ENGINEERING	\$10 MILLION
ENVIRONMENTAL ENGINEERING	\$3 MILLION
LANDSCAPE DESIGN	\$3 MILLION
PLANNING	\$3 MILLION
LAND SURVEYING	UNLIMITED
DAM/LEVEE DESIGN	\$500 THOUSAND
BARRIER FREE/ADA DESIGN	\$5 MILLION
ESTIMATING/COST ANALYSIS	UNLIMITED
ROOFING INSPECTION	\$250 THOUSAND
VALUE ENGINEERING	UNLIMITED
ROOFING CONSULTANT	\$250 THOUSAND
FEASIBILITY PLANNING	\$3 MILLION
HYDROLOGY	UNLIMITED
SITE PLANNING	\$5 MILLION
TRANSPORTATION	\$3 MILLION
WASTE/WATER TREATMENT	\$3 MILLION
CONSTRUCTION FIELD INSPECTION	\$5 MILLION
PROJECT MANAGEMENT	\$3 MILLION
ENVIRONMENTAL CONSULTANT	UNLIMITED

Your firm is prequalified by the NJSDA until August 31, 2018. Please keep in mind that during this period, the NJSDA must be notified in writing within ten days of any substantial changes that occur within your organization. This would include any changes your firm makes with DPMC as well as changes in ownership, financial condition, key people, safety records, disciplines, etc. Also note that your firm's status as a "prequalified firm" is always subject to review, and we reserve the right to change or revoke this prequalification status for cause at any time.

We look forward to your firm's participation in the Schools Construction Program. Should you have any questions regarding your status, or require assistance of any kind, please contact the Prequalification Unit at 609-943-5955.

Sincerely,

A handwritten signature in black ink, appearing to read "Karon L. Simmonds", written over the printed name.

Karon L. Simmonds
Director,

Risk Management and Vendor Services

cc: Prequalification File
A. Bonar