



CATAPANO ENGINEERING, P. C.

# Statement of Qualifications Corporate Profile

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# General Overview

We are a metropolitan area multi-discipline consulting firm professionally licensed in New York, New Jersey, Connecticut, Pennsylvania and Delaware with proven expertise in commercial site planning, retail development, zoning and all phases of local, county, state and federal permitting and site compliance procedures.

Our staff is composed of civil and mechanical engineers, architects, designers, project managers, zoning specialists, permit expeditors, paralegals, construction inspectors and support personnel, providing the highest quality services by maintaining responsive, informative, amiable relationships with agencies and you, our client.



## **Coordination between our in-house professionals deliver cost efficient results.**

What distinguishes Catapano Engineering, P.C. from other firms is we have purposely structured our operations and corporate culture to secure permit approvals for commercial and retail development. We are equipped to provide all disciplines and services required, in-house, for retail development ensuring that our clients experience minimal conflicts and maximum success.

## **The aggressive and timely pursuit of permit approvals is our top concern.**

We utilize engineering and architectural engineering techniques along with our deep knowledge of regulatory code to solve site challenges and make recommendations for efficient and cost effective solutions. Using our vast experience and ability to confront and deal with our clients' obstacles, we provide creative yet practical solutions to each project we undertake.

At Catapano Engineering, P.C., we strive to provide you with the highest level of technical expertise with our depth of experience, responsive service and sound business practices. Our commitment to quality has guided our growth and earned our reputation as a leader in our profession.

## **At Catapano Engineering, your project is successful by design.**

# Our Services

## Civil Engineering & Site Development

In a world increasingly dominated by environmental preservation and site enhancement, it becomes critical that a balance be achieved between mans need to shape the landscape for his own personal use and the need to comply with ever changing environmental, legal and economic constraints. This imperative task of negotiating the wants and needs of property owners, local government and impacting neighbors has become Catapano Engineering, P.C.'s primary focus in land development.



Since the company's inception, the civil engineering department has been an integral part of its growth. The goal has always been to prepare cost effective designs while meeting clients site plan standards and municipality guidelines. Our value engineering techniques begins with a thorough understanding of the client's needs, consideration of economic and market conditions and an in-depth analysis of the environmental constraints and opportunities affecting design. This information provides the basis for developing project plans, beginning first with preliminary conceptual studies and commencing with a comprehensive engineered site design package.

### **With our strong expertise in the civil engineering site development field, we provide a wide range of services:**

- Site Investigation Feasibility Report (Due Diligence)
- Site Plan Engineering & Zoning Services
- Grading Plans
- Storm Water Drainage Plans
- Septic System and Sanitary Sewer Design
- Traffic Plans
- Ingress & Egress Plans
- Utility Connection Studies
- Reclaim System Design
- Soil Erosion & Sediment Control Designs
- Irrigation Design & Details
- Photometric Design
- Structural Foundation & Footing Design
- Petroleum Pump and Tank Design
- Pile Foundation Design
- Retaining Walls

## Petroleum Pump & Tank Design

Our strong presence in the Petroleum Industry has been a key contributor to the company's success. Catapano Engineering, P.C. has performed designs for hundreds of service stations and petroleum facilities. Our understanding of federal and local environmental laws pertaining to petroleum facilities allows us to properly advise our clients on current design criteria parameters.

Catapano Engineering, P.C.'s pump and tank engineers and permitting specialists are noted in the industry for their breadth of knowledge and experience with the increasingly stringent petroleum bulk storage regulations.

We remain on the vanguard of pump and tank design for both UST and AST facilities for many of the major oil companies and independent marketers. We are exceptionally diligent about staying up-to-date on the latest fuel system equipment and codes for canopies, storage tanks, piping systems and associated safety appurtenances.



### **Design, permitting and construction supervision of PBS regulated facilities:**

- Underground Storage Tank Design
- Above Ground Storage Tank Design
- EPA Upgrades for Storage Tank Systems
- Product Piping & Dispenser Upgrades
- Closed Circuit TV Design
- Storage Tank Registration
- Steel Shoring Plan
- Fire Suppression System Design
- CCTV (closed circuit TV) Design
- Canopy Elevations & Details
- Dewatering Plan & Details
- Erosion & Sediment Control Plan
- Site Work Details

## Architectural Engineering & Building Services

Catapano Engineering, P.C. is a multi-discipline design firm with a distinct concentration in architectural engineering design for the Retail Industry. Our clients include many Fortune 500 companies, commercial developers, contractors and professional service firms. Since Catapano Engineering, P.C. was founded, we have maintained a focus of providing clients with uncompromising quality, on-time project completion and fair, reasonable rates. Our wide range of building design services such as architectural, MEP and fire protection design creates a complete efficient package for clients.



The Architectural Engineering Design Department was predominantly developed to work with large corporations interested in maintaining their international design image and standards. Mastering our clients evolving architectural design standards and assisting with creating new standards allows Catapano Engineering, P.C. to play a major part in their design development objectives. Our experienced staff is always prepared to support our client's expansion goals on re-models, new stores or program work whether it is one site or two hundred sites.

Our company structure permits Catapano Engineering, P.C. to be a part of many national initiatives such as re-imaging, new décor schemes, integrating new equipment into existing sites and performing ADA site and building inspections for code compliance.

Working alongside our in-house Mechanical, Electrical and Plumbing engineers, we prepare a comprehensive set of building drawings which remove any conflicts between disciplines. This internal coordination during the design phase reduces costly construction issues in the field.

**With an experienced, multi-discipline staff, Catapano Engineering, P.C. provides clients with a wide range of project design capabilities including:**

- Detailed Site Utilization Studies
- Existing Building Feasibility Reports
- Existing Facilities Surveys
- Municipality Code Compliance Review
- Architectural Design & Documentation
- Presentation Renderings
- Construction Inspection and Certification
- Mechanical, Electrical and Plumbing Building System Design
- Fire Alarm Protection Building Design

## MEP (Mechanical, Electrical & Plumbing) Design

Catapano Engineering, P.C.'s mechanical, electrical and plumbing (MEP) engineers are experienced in all types of building systems supporting multiple building use operations. Our mechanical engineers are continually researching new technologies, codes and regulation updates to identify new efficiencies and safeguards for current and cost effective designs.



Our fire protection engineers identify potential property risks and design safeguards such as alarm, sprinkler, and smoke control systems that aid in fighting fires. Fire Protection design performed in conjunction with our traditional mechanical, electrical, and plumbing engineering design allows us to provide the highest level of systems coordination while protecting a building and its occupants.

- Utility Studies & Design
- Heating, Ventilation and Air Conditioning (HVAC) System Design
- Electrical System Design
- Lighting Design
- Power Plan & Panel Schedules
- Control Wiring Plan
- Fire Protection Design
- Fire Sprinkler Design
- Fire Alarm Design
- Kitchen Exhaust System Design
- Plumbing Design & Schedules
- Reduced Pressure Zone (RPZ) Back Flow Prevention Device Design

## LEED (Leadership in Energy and Environmental Design)

Catapano Engineering, P.C.'s goal is to provide energy efficient designs and utilize the newest products available to achieve sustainable building projects. Our design professionals are constantly updated on the latest U.S. Green Building Council (USGBC) and LEED certification program to ensure that our clients receive the best systems to date.

Striking the balance between cost effective solutions and LEED certification ratings accepted for the design, construction and high performance operations gives our clients the tools they need to have an immediate and measurable impact on their buildings' performance.

## Permitting & Compliance Services

Today's business environment is ever more restrictive with overlapping regulations among federal, state and local government. It's even further complicated by a maze of environmental laws and life safety rules. We have the experience and knowledge to anticipate obstacles that impact your projects permitting process and carefully navigate your project through a scheduled path.

Our permit managers are involved in your project from the due diligence phase through certification. This in-depth familiarity with your project allows for an organized and thorough permit application. Our permit managers aggressively lead the entire permitting process including coordinating land use attorneys, traffic and real estate experts for zoning variance code relief.

Our Permit Managers are devoted exclusively to securing the approvals you need.

Unlike other design firms, our firm has a Permitting and Compliance Department, which focuses completely on daily agency interaction. Each member has relationships with building, planning, zoning, health, fire, transportation and environmental departments across the metropolitan area. Our Permit Manager assigned to your project has the expertise to manage national re-imaging programs, interior renovations, building additions and complete demo/rebuilds.

Total site compliance can be various approvals, record keeping documentation, fire department inspections, violation dismissal and multiple certifications depending on your specific type of business. Our permit managers, paralegals and expeditors research the latest code compliance regulations to ensure uninterrupted business for our clients.



### **We track your permit renewals and public safety regulations for site compliance.**

- Code & Zoning Analysis
- Building Department Permits
- Interior Renovation Permits
- Planning & Zoning Department Approvals
- Hearing Presentation
- Fire & Health Department Filings & Approvals
- Highway & Transportation (DOT) Filings & Approvals
- Department of Public Works (DPW) Filings & Approvals
- Department of Environmental Protection (DEP) Filings & Approvals
- Construction Inspection & Permit Sign-Off Coordination
- Violation Research & Dismissal
- Department of Environmental Conservation (DEC) Filings & Permits
- Certificate of Compliance & Occupancies

## Construction & Project Management

To ensure a high return on your investment, every aspect of your building project must be scrutinized and carefully managed. Before construction commences, your Catapano Engineering, P.C. Construction Manager performs an in-depth analysis to identify and resolve issues that could impact its design, its permit approval, its final certification, and ultimately its success.



Your Catapano Engineering, P.C. construction/ project manager centralizes all information for coordination of pre-planning, cost management, quality control, critical path scheduling, project administration and project close-out.

### **Coordinated to keep moving ahead - and to keep you in control**

A Key to our success is a close collaboration and sharing of information among contractors, our client, our in-house architects, engineers and permitting consultants for efficient coordination and municipal and regulatory agency approvals and sign-offs.

Your Catapano Engineering, P.C. Construction Manager determines your project's priorities for the day, the week and month ahead. This ensures that everyone is working from the same plan, with the same understanding of its parameters, and the same level of urgency.

### **All it takes is one phone call for an up-to-minute status report on your project.**

You'll feel confident that your construction / project manager is advocating on your behalf until the job is done to your satisfaction.

Our Engineering Department remains in close contact with our Permitting and Expediting staff. This level of coordination, led by your Catapano Engineering, P.C. Project Manager, significantly reduces conflicts and expedites your project.

We've got the experience, confidence and in-house capability to interpret codes, evaluate your needs and propose smart solutions. How long will your project take? Will you need to adapt its design? What, if anything, could affect your ability to get a permit? Turn to us for the answers.

### **We share the same plans, sense of urgency & pride of ownership in your project.**

## New York City Specific Services

A specific area of our expertise that many national and local clients benefit from is in the complicated five boroughs of New York City (NYC) where there are ever changing zoning laws and permitting procedures. All of our in-house expeditors hold the required expediting license allowing us to research records, process applications, schedule construction inspections, rectify violations, secure permits and bring sites into total compliance with a certified Certificates of Occupancy.



Total site compliance can be various approvals, record keeping documentation, fire department inspections, violation dismissal and multiple certifications depending on your specific type of business. Our permit managers, paralegals and expeditors research the latest code compliance regulations to ensure uninterrupted business for our clients.

- Permit Expediting
- Board of Standards & Appeals (BSA) Plan Package
- Radius Map & Photo Key Plan
- Public Assembly Plan & Approval Certificates
- Environmental Control Board (ECB) Hearing & Violation Dismissal
- Department of Environmental Protection (DEP) Filings & Approvals
- Metropolitan Transportation Authority (MTA) Filings & Approvals
- Sidewalk Closing & Repair Permits
- Sewer Connection Filings & Approvals
- Sign Permitting
- Demolition Permits
- After Hours Permits
- Grease Trap Filings & Approvals
- Industrial Waste Filing & Approvals
- Department of Consumer Affairs Coordination
- Builders Pavement Plan
- Permit Renewals
- Equipment Use Cards & Permits
- Street Tree Coordination & Sign-Off
- Construction Inspection & Permit Sign-Off Coordination
- Record Keeping & Registration Certificates
- Fire Department Compliance
- Violation Research & Dismissal
- Certificate of Compliance
- Certificate of Occupancies
- Code & Procedure Updating

# Key Personnel



**John V. Catapano, P.E.**  
*President*

As President of Catapano Engineering, P.C., John V. Catapano, P.E. is responsible for every aspect of the firm's business plan including design, production, client satisfaction, marketing, staff, contract negotiation and profitability. Graduating from Polytechnic University with a Bachelor of Science degree in Mechanical Engineering he continued on to obtain his professional licenses in Civil Engineering in the State of New York, New Jersey, Connecticut, Pennsylvania and Delaware. John's continued involvement in the Alumni and practical experience has gained him the reputation of a leader in the industry.

John V. Catapano, P.E. expertise is in civil and mechanical engineering, site planning, zoning, permitting and site compliance. John has been a leader in the development of hundreds of gasoline service stations, food establishments and commercial retail facilities in the Metropolitan area. As well as providing the metro region with professional consulting services, John is also involved in many civic and charity organizations whose support and leadership has improved the community we live in.

#### Memberships and Corporate Affiliations:

- National Society of Professional Engineers (NSPE)
- American Society of Civil Engineers (ASCE),
- National Association of Corrosion Engineers (NACE)
- International Conference of Building Officials (ICBO)
- National Fire Protection Association (NFPA)
- The Long Island Charities Foundation
- Contour Land Services, LLC



**Mark J. Catapano**  
***Vice President***

General Experience:

With a Bachelor of Science in Business Administration and a minor in Marketing, Mark J. Catapano brings sharp business practices to Catapano Engineering. After running a construction corporation for ten (10) years, Mark J. Catapano joined the CE staff adding construction experience and management skills. As a business owner, Mark J. Catapano had extensive experience dealing with other professional engineering and architectural firms and completely understands client needs and expectations.

At CE, Mark J. Catapano monitors production and supervises the progression of projects for expedient results. As Vice President, Mark J. Catapano manages all areas of business operations and functions to accomplish company goals.

With an aggressive approach toward growth, Mark J. Catapano maintains client contact to ensure satisfaction of services, and as a result, builds stable business relationships.

Memberships and Corporate Affiliations:

- Melville Chamber of Commerce
- The Retail Network
- International Council of Shopping Centers (ICSC)
- Commercial Industrial Brokers Society (CIBS)
- Long Island Business Council
- International Franchise Association (IFA)
- Contour Land Services, LLC



**Isabella Caneda**  
***Director of Permitting & Compliance***

**General Experience:**

A graduate of St. John's University with a Bachelor of Science degree in Paralegal Administration, Isabella Caneda leads the Permitting and Compliance staff at Catapano Engineering, P.C. Isabella has supervised thousands of Town, County and State agency submissions and manages the ever changing regulations and site compliance enforcement issues.

Isabella's expertise is in code requirements, permitting procedures and rectifying notice of violations for building compliance in New York City, Long Island and Westchester County areas. As Project Manager, Isabella is responsible for of the entire permitting process, from Town Board approvals through Zoning, Planning and Building Department approvals to the final Certificate of Occupancy. Isabella's project success experience has granted her as a respected zoning and permitting leader in the region.

**Project Experience Highlights:**

*McDonald's Corporation – Various Locations, New York*

Project Manager for the acquisition of permits, construction inspections, permit close outs, certificates of completion/compliance, certificate of occupancies, public assembly permits and violation resolution.

*Message Envy – Various Locations, New York*

Project Manager for the coordination of interior renovations which included architectural and MEP design, permit procurement and certificate of completion.

*Cumberland Farms, Inc. – Various Locations, New York*

Project Manager for re-imaging programs, service station upgrades, legalization of existing conditions and site compliance.

*ExxonMobil – Various Locations, New York*

Project Manager responsible for the coordination the demolition and reconstruction of service stations with new convenience store, car wash, canopy, underground storage tanks, dispensing system, fire suppression and signage.



**Mark Abrahamer, AIA, NCARB**  
***Architectural Design Director***

General Experience:

As the Architectural Design Director, Mark Abrahamer, AIA, NCARB manages the firm's designs for quality, creativity, its practical application and code compliance. His expertise and experience is within the retail, restaurant, office building, residential and industrial industries for various types of alterations, remodels, legalizations and new site development. Mark's comprehensive services include commercial building inspections, codifying building plans, existing conditions documentation and LEED building design specifications.

Mark graduated from New York Institute of Technology with a Bachelor of Architecture degree and currently maintains a professional license registration in New York, membership in the American Institute of Architects and certification by the National Council of Architectural Registration Boards.

Project Experience Highlights:

*Chase Bank – New York, NY*

Project Manager for 50+ ATM installations throughout New York City.

*New York City Board of Education – New York City, New York*

Various Public Schools- Provided detailed furniture specifications and finish selection for numerous sites.

*Great American Supermarkets – Various locations, New York State*

Provided full range of services, from design layouts and detailed construction drawings to construction specifications.

*Starbucks Coffee Company – Various Locations, New York*

Project Architect for design layout, finishing schedules and detailed construction drawings.



**James Galella, P.E.**  
***Project Manager***

General Experience:

As Project Manager, James Galella, P.E. is proficient in civil and structural engineering and has excellent management and people skills. James understands that managing the necessary phases of each project is crucial for success. Through his technical experience he designs cost effective solutions for petroleum pump and tank systems, site planning, grading/drainage, footing/foundation projects and provides construction inspections and Professional Engineer Certifications.

James graduated from Polytechnic University with a Bachelor of Science degree in Civil Engineering and continued to become a New York State Licensed Professional Engineer.

Project Experience Highlights:

*Ultraflex Packaging Corp. – Brooklyn, New York*

Design building extension and equipment floor plan. Project included new concrete foundation, steel roof support system, concrete slabs to support equipment, permitting and procuring the certificate of occupancy.

*Amerada Hess Corporation – Various New York City Locations, New York*

Project Manager for the Site Modification Program which included new site layout designs and permitting for canopies, pump and tank systems and convenience stores.

*Jones Beach Tommy Hilfiger Amphitheater – Jones Beach, New York*

Provided designs for the new VIP area including a re-image, ADA compliance specifications, structural engineering and safety code conformance.



**Joseph J. Caltabiano**  
***Project Manager***

**General Experience:**

As Project Manager, Joseph J. Caltabiano has excellent management skills and is technically experienced in commercial franchise development projects and programs. Joseph recognizes that due diligence makes provisions for a successful ending. Joseph sets the definitive plan for projects design and schedule for code compliance and agency approval process. Joseph's architectural experience has intertwined with site plan development and permitting, making him a talented Project Manger.

Joseph J. Caltabiano graduated from New York Institute of Technology with a Bachelor of Architecture and gives back with involvement in many civic and charitable organizations.

**Project Experience Highlights:**

*Checkers Drive-In Restaurants, Inc. – Various Long Island Locations, NY*

Project Manager for the civil drawing package, building utilities, codifying prefabricated building structurals, permitting, zoning variances and securing the certificate of occupancy.

*7-Eleven Inc. – Various Locations, New York*

Provide complete due diligence feasibility studies with concept plans, executive summaries and probability of approval based on agency meeting feedback.

*McDonald's Corporation – Various Locations, New York*

Project Manager responsible for demo/rebuild, interior remodels and ADA compliance retrofit specification designs, permitting, construction management and certificate of occupancies.



### **Allen Redmond**

#### ***Construction / Mechanical Department Manager***

#### General Experience:

Allen Redmond's expertise is in construction management and mechanical, electrical and plumbing design. He has excellent management skills and uses his experience along with continued education on the latest technical improvements for the latest design and managements systems. With a strong hands-on background in the electrical field, holding a Master Electrical License, Allen designs electrical systems for all projects and collaborates with clients to help transform their ideas and design criteria into a comprehensive design package.

As the MEP Department Manager, Allen Redmond oversees all designs for code compliance, functionality system compatibility and meeting client deadlines within specified budgets.

#### Project Experience Highlights:

##### *Keyspan Energy – Various New York Locations*

Designs of electrical systems which included technical power distribution requirements, control wiring for machine and system automation.

##### *U.S. Postal Service – Various New York Locations*

Provided mechanical, electrical and plumbing utility evaluation and complete designs for the postal facility.

##### *Office Buildings - Multiple Tenant Space – Melville, New York*

Provided mechanical, electrical and plumbing designs for office buildings and tenant build outs in accordance with state and local code requirements.

##### *Starbucks Coffee Company – Tri-State Area*

Mechanical engineer responsible to provide designs for the HVAC, electrical and plumbing systems for over 40 stores.

# Project Experience

## Restaurant Projects

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### **McDonald's Corporation**

*Various Metro Area Locations*

Our firm continues to provide a complete in-house package of services of civil, mechanical, electrical plumbing engineering, architectural engineering design, zoning and permitting services for raze & rebuilds, building additions, reimagining and site improvement projects. As add value services we also provide our client with construction management services; and a compliance team that resolves agency violations, obtains public assembly permits and Certificate of Occupancies.

### **Tri-Con (KFC, Taco Bell & Pizza Hut)**

*Various Locations, New York*

Our firm was responsible for the production of preliminary design drawings, civil and mechanical engineering, codifying and completing construction documents. Our firm's project manager provided complete turn key services from due diligence research, coordination of construction documents, obtaining all agency permit approvals, construction management to securing the Certificate of Occupancy for many raze and rebuild projects.

### **Checkers Drive Inn**

*Various Long Island Locations, New York*

Due to a small lot sizes and zoning restrictions this nationally known fast food restaurant necessitated cohesive design approaches. Catapano Engineering created designs for sites which established the customer "flow" while integrating elements such as neon accents and checkered tile reinforce the theme. Our firm designed and project managed the entire civil drawing package, building utilities, codifying prefabricated building structurals, permitting, zoning variances, secured the certificate of occupancies and opened restaurants on time and within budget.

## Retail Projects

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### **Starbucks Coffee Company**

*Various Locations, New York*

Our firm continues to provide project management, architectural, engineering, permitting, and site compliance services. Our Civil Engineers addresses site plan related issues including parking layout, sanitary system, site drainage and roadway related items and our Mechanical Engineers provide mechanical, HVAC, electrical, fire protection and plumbing designs. Our Architects provide store layout designs, finishing schedules and detailed construction drawings and our Permit Managers provide all phases of permitting and permit close outs. The complete involvement and coordination our all our in-house disciplines are carefully managed by our Project Managers throughout the entire project to insure timeframe and budget success.

### **7Eleven**

*Various Locations, New York*

Provide complete due diligence feasibility studies with concept plans, executive summaries and probability of approval based on agency meeting feedback. Responsible for the development of design plans, construction drawings and all necessary agencies permit approvals for multiple demolition and rebuilds for a 7Eleven convenience retail stores.

### **Massage Envy**

*Various Long Island Locations, New York*

Responsible for the design, construction drawings and permits for the conversion of existing retail space into a new Massage Envy Spa. Our firm provided space-planning services for interior layout, including room locations, display racks, service counters and circulation. Catapano Engineering also provided storefront design details; structural, mechanical, electrical and plumbing specifications and all phases of permit approvals.

### **Retail Strip Malls**

*Various Locations, New York*

Responsible for the design, construction drawings and permits for the demolition and rebuild of a retail strip malls space with a variety of retail storefront uses. Design details provided for the layout display merchandise and special climate rooms. Our firm provided storefront design details; structural, mechanical, electrical and plumbing specifications. Our Permit Managers provided zoning and permitting for all agency approvals and securing Certificate of Compliance & Occupancies.

## Petroleum Industry

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### **ExxonMobil**

*Various Tri-State Locations*

Catapano Engineering P.C. has completed over one hundred (100+) projects with ExxonMobil, including complete demolition & rebuild of existing service stations into new gasoline service and convenience stores with car washes, canopies, underground storage tanks, dispensing system, fire suppression systems, automotive service bays and completed site signage. Our firm continues to provide compliance consulting services for site compliance items, rectified violations and obtain Certificate of Occupancies.

### **LUKOIL/Getty Petroleum Marketing, Inc.**

*Various Tri-State Locations*

LUKOIL/Getty Petroleum has relied upon Catapano Engineering, to provide complete engineering permitting and compliance services for over one hundred fifty (150+) projects in the tri-state area, from permitting to site planning to development of a new image for the service station and convenience stores.

### **Cumberland Farms, Inc.**

*Various Locations, New York*

Our firm continues to assist Cumberland Farms, Inc. develop and maintain their Gulf branded locations in the metropolitan area. With extensive experience, Catapano Engineering has managed re-imaging programs, service station upgrades, legalization of existing conditions and site compliance. Our services also include design and permitting for raze and rebuilds for new services stations with canopies, pump and tank systems, convenience stores and car washes.

### **Sun Oil Inc.**

*Various Locations, New York*

As always, safety is of the utmost importance and Catapano Engineering, P.C. has been on the forefront bringing security retrofit alterations to Sunoco's locations. CE provided the engineering to relocate control panels from a kiosk at pump islands to the CE design bullet resistant cashier office. Plans also include ADA rest rooms and fire suppression modifications to meet NYC requirements.

### **Shell Oil Company**

*Various Locations, New York*

Catapano Engineering, P.C. has provided engineering and permitting services to renovate, re-image and upgrade over fifty (50+) service stations. With limited land, our designs site plans to included additional pump stations, canopy coverage, convenience stores and possibly car washes when permitted.

## Office & Industrial Buildings

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### Office Buildings - Multiple Tenant Space

*Melville, New York*

Our firm provides space planning, mechanical, electrical, fire protection, communication and plumbing system designs for office buildings and tenant build outs in accordance with state and local code requirements.

### Greenway Plaza

*Melville, New York*

With two (2) existing office buildings complete, our firm was responsible the research of new code regulation vs. existing approved plans. Our firm designed upgrades to the HVAC, electrical service, plumbing, fire alarm and sprinkler system to conform to the new code requirements. Our firm also revised drawings for tenant changes, filed revised plans and obtain permits. Catapano Engineering performed construction inspection and sign offs for securing the Certificate of Occupancy.

### Tyree Organization

*Farmingdale, New York*

Catapano Engineering provided engineering and permitting services for a two (2) acre sub-division with common access easements between properties and a new 13,000 sq. ft. industrial building with office space.

### Ferrandino & Sons, Inc.

*East Farmingdale, New York*

Our firm provided office space planning and design the this two (2) story multiple use construction facility headquarters with an elevator, offices, conference room, gym, locker rooms and showers, warehouse and storage rooms.

### Clifton Medical Facility

*Clifton, New Jersey*

Our firm's mechanical engineers provided HVAC, plumbing, electrical and fire sprinkler design for this medical building office space.

## Public Sector

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### **Brooklyn Public Library**

*Brooklyn, New York*

Our firm performed research, testing and professional engineering inspections to prepare certification documents required for construction sign offs. Our Permit Managers prepare Landmarks and Building Department documentation to obtain the required Letters of Completion from the governing agencies.

### **Police Stations**

*Various Locations, New York*

Our firm designed and prepared plans for new police barracks to include grading, drainage, mechanical, electrical, plumbing, fire protection and specific safety systems. In addition to those services, our firm's experience in the petroleum pump and tank industry was utilized by the Police Department for their fueling stations on premise.

### **Jones Beach Tommy Hilfiger Amphitheater**

*Jones Beach, New York*

Catapano Engineering provided designs for the new VIP area including a re-image, ADA compliance specifications, structural engineering and safety code conformance.

### **Fire House**

*Uniondale, New York*

Catapano Engineering provided structural study to determine if a proposed second story could be supported above the first floor. After determining the stability, our firm modified the first floor and designed the civil, structural, mechanical, electrical, fire protection, communication and plumbing systems for the second floor with a proposed kitchen and lounge.

### **U.S. Postal Service**

*Various New York Locations*

Catapano Engineering provided mechanical, electrical and plumbing utility evaluation and complete designs for multiple postal facilities including petroleum pump and tank dispensing systems design and permitting.

### **Fire House**

*East Meadow, New York*

Our firm provided the civil, structural, mechanical, electrical, fire protection, communication and plumbing systems design for the new three (3) bay fire house with a kitchen and lounge.

## Education Industry

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### **Dowling College Brookhaven Campus**

*Shirley, New York*

Prepared civil package and MEP design construction documents for the new service maintenance building. Provided permit expediting services and construction management services.

### **Chaminade High School**

*Mineola, New York*

Designed the Mechanical, Electrical and Plumbing for a new three-story classroom wing with all rooms air-conditioned, Olympic swimming pool wing with twelve-room residence above and converted from oil to gas.

### **Fashion Institute of Technology**

*New York City, New York*

Designed Electrical, HVAC, and fire alarm system for Computer Rooms.

### **New York City Board of Education**

*New York City, New York*

Various Public Schools - Provided detailed furniture specifications and finish selection for numerous sites.

### **Glen Cove Public Schools**

*Glen Cove, New York*

Designed boiler-burner alterations and additions (dual fuel).

### **Great Neck Public Schools**

*Great Neck, New York*

Designed Air Conditioning alterations and conversions (dual fuel).

### **Lawrence High School**

*Lawrence, New York*

Project Managed and prepared designs for P.A. Noise Abatement Project.

## **Education Industry** *(continued)*

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### **Our Lady of Fatima School**

*Jackson Heights, New York*

Project Managed and prepared designs for P.A. Noise Abatement Project.

### **Port Washington Public Schools**

*Port Washington, New York*

Provided mechanical and electrical system upgrade designs for several projects.

### **Sayville Middle School**

*Sayville, New York*

Designed Cogeneration System (dual fuel).

### **The College for Human Sources**

*New York City, New York*

Provided Mechanical and electrical designs for additional classrooms.



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