

TITAN
ENGINEERS

STATEMENT OF QUALIFICATIONS

NEW JERSEY OFFICE (HQ)

1331 STUYVESANT AVENUE UNION NJ 07083
908 624 0044

NEW YORK OFFICE

47 SERENE PLACE HAUPPAUGE NY 11788
631 885 8059

TITANENGINEERS.COM

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BACKGROUND

Titan Engineers PC is a Professional Structural and Consulting Engineering Corporation headquartered centrally within the New York Metropolitan Area of Union, NJ. Titan provides comprehensive Professional Engineering services in structural design, investigation and evaluation. Titan's expertise in structural design ranges from steel and concrete high rises to complex site development earth retention systems. Titan's diverse spectrum of experience has also been fundamental in the evaluation from large office complexes to retail facilities and investigating major disasters as well as failed roof rafters.

Titan's facilities utilize the latest in technology from computer-aided design-analysis-drafting to full paperless Electronic Data Interchange. With active memberships in the nation's most respected professional associations: American Society of Civil Engineers, Structural Engineering Institute, and American Concrete Institute, Titan's professionals are dedicated to providing innovative and economic solutions utilizing the latest and most current technologies along with the consideration of current construction practices and techniques.

MISSION STATEMENT

Titan Engineers' goal is to provide our clients with quality service consistent with our duty to protect public safety, health and welfare. Our objective is to stay committed to the use of state-of-the-art advanced computer technologies in conjunction with time tested practices, training and craftsmanship to raise the bar in our industry. We are devoted to our clients and spreading our knowledge of the industry to build better communities.

CORPORATE PROFILE

PROFESSIONAL CORPORATION
PRIVATELY HELD

NEW JERSEY OFFICE

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NEW YORK OFFICE

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CERTIFICATIONS

MBE + SBE

LICENSED AREAS

MAJORITY OF
STATES IN THE
CONTINENTAL U.S.



ENGINEERING SERVICES

Structural + Consulting



- Arenas + Stadiums
- Casinos
- Educational
- High-rise
- Hotel Industrial
- Infrastructure
- Institutional
- Municipal Office
- Parking Structures
- Pharmaceutical
- Places of Worship
- Research
- Residential
- Retail
- Mixed-use
- Warehouse

NEW BUILDING SUPERSTRUCTURES + FOUNDATIONS



- Adaptive Reuse
- Addition of Floor Levels
- Horizontal Expansion
- Rehabilitation
- Tenant Fit-out

BUILDING RENOVATIONS



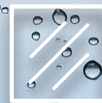
- Demolition Plans
- Formwork
- Safety Strap Plan
- Shoring of Excavation
- Temporary Shoring
- Tower + Mobile Cranes
- Underpinning

CONSTRUCTION ENGINEERING



- Cable Net
- Elevator Enclosures
- Fin Walls
- Patch + Spider
- Point Supports
- Railings
- Space Truss

FACADE + STRUCTURAL GLASS



- Braced Frames
- HSS
- Shear + Moment
- Special Conditions

STEEL CONNECTIONS



- Slabs
- Facades
- Dividing Walls
- Containment Rooms

BLAST RESISTANCE



- Reinforced Concrete
- Diaphragm Secant + Tangent
- Segmental Block (MSE)
- Gravity Large Block
- Soil Nailing
- Solder pile + Lagging
- Steel Sheet piling
- Gabion
- Wire Netting (Rock Fall)
- Rock Anchoring

RETAINING WALLS



- Bridge Abutments
- Canopies
- Pylon Signs
- Light Pole
- Flag Poles
- Storm Water Structures

SITE STRUCTURES



- Piers
- Wharfs
- Floating Docks
- Slips
- Bulkheads
- Boardwalks

MARINE ENGINEERING



- Collapse
- Due Diligence
- Feasibility Analysis
- Emergency Response Failure
- Property Condition Assessments
- Structural Condition Surveys
- Peer Review
- Value Engineering
- Forensic
- Load Capacity

INVESTIGATION + ANALYSIS



- NYC Local Law 11 Facades
- NYC Local Law 37 Retaining Walls

INSPECTIONS



- Prototyping
- Masonry Manufacturers
- Precast Concrete Fabricators
- Segmental Retaining Wall Manufacturers
- Solar Installations

PRODUCT ENGINEERING SUPPORT



EXPERIENCE

Representative Projects



THE WILLIAM VALE

111 NORTH 12TH STREET, BROOKLYN, NY



OWNER

ARCHITECT



ALBO LIBERIS

NEW CONSTRUCTION

STORIES:
21

SQUARE FOOTAGE:
400,000

CLASS:
183 Unit Key Hotel Building and Mixed-Use Commercial

FEATURES:
40,000 SF of mixed-use commercial + community space. 15,000 SF of rooftop garden. 20,000 SF retail. Elevated garage with 210 parking spaces. Largest rooftop hotel pool in NYC.

SERVICE:
Ground-up structural design utilizing an innovative design consisting of a 6-story tall transfer structure which spans the entire width of the tower onto two separate pedestal buildings. Structural steel shapes encased in concrete were utilized to achieve the striking design of the truss, with flat plate concrete construction making up the rest of the building

CRESCENT STREET

42-20 27TH STREET, LONG ISLAND CITY, NY



OWNER

ARCHITECT

THE RABSKY GROUP



NEW CONSTRUCTION

STORIES:
18

SQUARE FOOTAGE:
190,000

CLASS:
195 Unit Mixed-Use Building

FEATURES:
Private balconies with two 5-Story open atriums. The sloping building design results in not a single floor repeating through it's entire height.

SERVICE:
Ground-up structural design utilizing flat-plate concrete slabs with cantilevers and concrete shear walls. Titan provided full structural engineering services for the superstructure, foundation and steel framing supporting the glass of the atrium. Close coordination between Titan, the contractor and curtain wall supplier was necessary for the atrium, the key feature of the building, in order to keep costs down while maintaining the architect's original vision for the project.

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329 BROADWAY

BROOKLYN, NY 11211



OWNER

ARCHITECT

**PARKVIEW
MANAGEMENT INC.**

SYNDICATE

BUILDING DESIGN NEW GROUND-UP

STORIES:
17

SQUARE FOOTAGE:
175,000

CLASS:
63 Unit Mixed-Use Building

FEATURES:
59,000 SF of retail space, 24,500 SF of community facilities,
109 space parking garage, 18,000 SF of outdoor space.

SERVICE:
Ground-up structural design utilizing flat plate concrete slabs, columns and shear wall system. Multi-story tall sloped concrete columns which are exposed to view create an aggressive look for the building making it stand out from its neighbors. Walking columns and transfer walls were used to meet the parking requirements of the two cellar floors.

56 AINSLIE STREET

BROOKLYN, NY 11211



OWNER

CLIENT

VELOCITY
framers

jfa

BUILDING DESIGN NEW GROUND-UP

STORIES:
8

SQUARE FOOTAGE:
23,000

CLASS:
27 Unit Residential Building

FEATURES:
18,180 SF of residential space, 12 parking spaces
14 bicycle parking spaces, indoor recreational space.

SERVICE:
Ground-up structural design of a reinforced flat-plate concrete superstructure with concrete columns and shear walls. A 20" thick mat slab foundation was utilized to avoid a pile-supported foundation.

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2337 BEDFORD AVENUE

BROOKLYN, NY 11226



OWNER

ARCHITECT

CHES

SWA

BUILDING DESIGN NEW GROUND-UP

STORIES:

6

SQUARE FOOTAGE:

29,100

CLASS:

27 Unit Residential Building

FEATURES:

18,380 SF of residential space, basement cellar
14 enclosed parking spaces, private balconies, landscaped roof deck.

SERVICE:

Ground-up structural design of a two-story structural steel podium structure with concrete slab on metal deck supporting four stories of light gage construction. Light gage strap-wall lateral system supported by steel braced frames below the 2nd floor. A complex structural steel cantilever system was incorporated to support the alternating balconies at the front corner of the building.

2175 BERGEN STREET

BROOKLYN, NY 11233



OWNER

ARCHITECT

CHES

SWA

BUILDING DESIGN NEW GROUND-UP

STORIES:

7

SQUARE FOOTAGE:

40,000

CLASS:

41 Unit Mixed-Use Building

FEATURES:

28,000 SF of residential space, 1,100 SF of retail space, private terraces, floor to ceiling windows.

SERVICE:

Ground-up structural design of a structural steel superstructure with concrete slab on metal deck and a steel braced frame lateral system.

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MCDONALD'S

340 PENINSULA BOULEVARD, HEMPSTEAD, NY



OWNER

CLIENT



INVESTIGATION

STORIES:

1

SQUARE FOOTAGE:

4,000 Typical

CLASS:

Fast-Food Restaurant Chain

FEATURES:

International with 36,000+ outlets

SERVICE:

Conducted over 100 site inspections for franchisees in 6 states for the structural evaluation of all McDonald's lot poles including main pylon signage, light poles and flag poles. Titan prepared inspection reports and engineering construction plans for the repair and replacement of all poles type structures and associated foundations.

SHAKE SHACK

12 DICKENSON DRIVE, SANDY HOOK, CT



OWNER

ARCHITECT



RENOVATION

STORIES:

1

SQUARE FOOTAGE:

4,000

CLASS:

Fast-Casual Restaurant Chain

FEATURES:

International with 120+ outlets.

SERVICE:

Tenant fit out of existing buildings at multiple sites in the Northeastern States for new locations of this fast growing restaurant chain in close collaborating with the project architect.

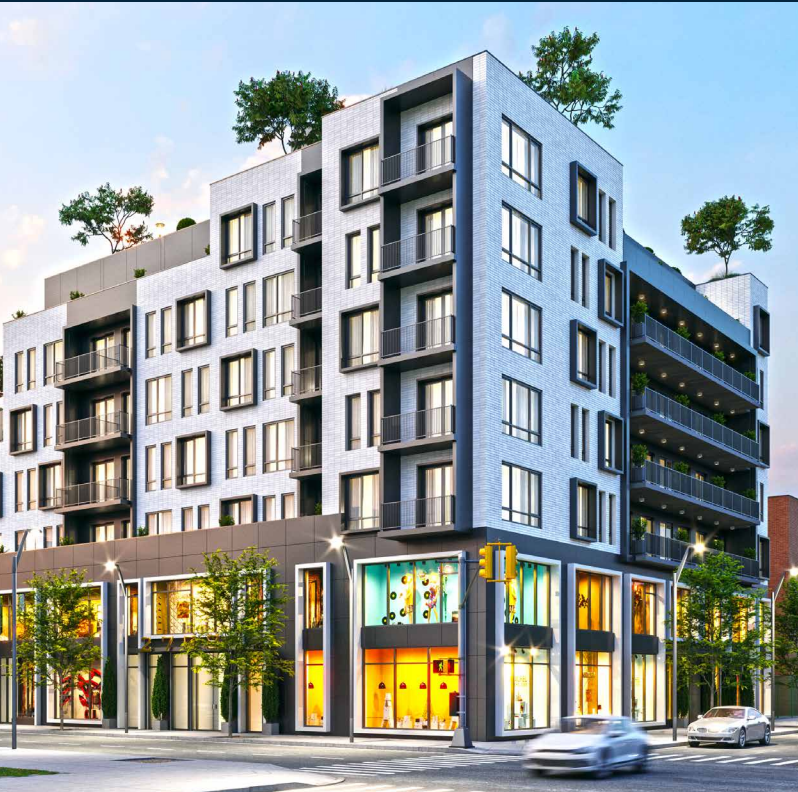
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885 ROGERS AVENUE

BROOKLYN, NY 11226



OWNER

ARCHITECT

ANSHEL FRIEDMAN

**ARTIST CONSTRUCTION
LLC**

BUILDING DESIGN NEW GROUND-UP

STORIES:
7

SQUARE FOOTAGE:
109,000

CLASS:
Mixed-Use Building

FEATURES:
Community facility, ground level retail, parking spaces.

SERVICE:
Ground-up structural design utilizing reinforced flat plate concrete slabs, concrete columns, and concrete shear walls. Sloped excavation and raker supported steel pipe pile shoring system.

1134 FULTON STREET

BROOKLYN, NY



OWNER

ARCHITECT

EMPIRE
MANAGEMENT

**FISCHER
+ MAKOOI**
ARCHITECTS PLLC

NEW CONSTRUCTION

STORIES:
10

SQUARE FOOTAGE:
200,000

CLASS:
182 Unit Mixed-Use Building

FEATURES:
Precast facade panels on Fulton Street & Franklin Avenue. Ground floor retail with 2nd floor residential parking (73 spaces provided).

SERVICE:
Ground-up structural engineering design utilizing flat-plate concrete slabs and reinforced concrete superstructure as well as a steel framed canopy.

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SANDY HOOK ELEMENTARY

12 DICKINSON DRIVE, SANDY HOOK, CT



OWNER

CLIENT



EARTH RETENTION

STORIES:
2

SQUARE FOOTAGE:
86,800

CLASS:
Elementary Public School

FEATURES:
450+ student body, playground, and gymnasium.

SERVICE:
The site required extensive regrading including 5 earth retention walls for preparation of the new school location. The design utilized the Recon "Series 50" gravity segmental block system to satisfy the project Landscape Architect vision including a bridge culvert over a wetlands area.

GAVLAK ELEMENTARY

106 KING STREET, WALLINGTON, NJ



OWNER

ARCHITECT



Wallington
Public Schools



INVESTIGATION

STORIES:
2

SQUARE FOOTAGE:
40,000

CLASS:
Elementary Public School

FEATURES:
395 student body, full gymnasium, special education services, ESL education.

SERVICE:
Emergency response and investigation of a catastrophic gymnasium collapse. Renovations and rehabilitation included structural steel framing with long span girders. Expedited 6-month design and construction schedule.

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340 EVERGREEN AVENUE

BROOKLYN, NY 11221



OWNER

ARCHITECT

**BUSHWICK REALTY
HOLDINGS LLC**

SYNDICATE

BUILDING DESIGN NEW GROUND-UP

STORIES:
5

SQUARE FOOTAGE:
172,000

CLASS:
177 Unit Residential Building

FEATURES:
112 Parking spaces, 1,172 SF bike parking, lounge/game room, fitness center, pet spa, roof deck, media room, doorman.

SERVICE:
Ground-up structural design utilizing flat plate concrete slabs, concrete columns, and concrete shear walls. Ground floor transfer slab to optimize column locations for parking layout in cellar. Shoring design consisting of underpinning with tie-backs and steel soldier piles with heel block supported rakers and walers.

10-27 JACKSON AVENUE

LONG ISLAND CITY, NY 11211



OWNER

ARCHITECT

CONSTRUCTION • REAL ESTATE • DEVELOPMENT
**CHARNEY
COMPANIES**

STUDIO V

BUILDING DESIGN NEW GROUND-UP

STORIES:
11

SQUARE FOOTAGE:
46,000

CLASS:
Mixed-Use Building

FEATURES:
33,851 SF of residential space, 959 SF of retail space, 2-story duplex on upper floors, private gym, balconies & terrace views, enclosed parking.

SERVICE:
Ground-up structural design utilizing concrete flat plate, column and shear wall structural system. The location of the site created multiple engineering and coordination challenges with it being tightly sandwiched between the 7 and G subway lines.

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NEW YORK WHEEL

155 RICHMOND TERRACE, STATEN ISLAND, NY



OWNER

CLIENT



RENOVATION

STORIES:
4

SQUARE FOOTAGE:
420,000

CLASS:
Industrial Pharmaceutical Manufacturing Building

FEATURES:
Ferris Wheel Entertainment and Retail complex. 630 FT High wheel. Exhibition spaces, ticketing offices, security screening and garage with 950 parking spaces.

SERVICE:
Retrofit of adjacent and connecting Richmond Terrace. Vehicular ramps. Bus terminal crash barrier and earth retention systems.

MADISON SQUARE GARDEN

4 PENNSYLVANIA PLAZA, NEW YORK, NY



OWNER

CLIENT



CONSTRUCTION ENGINEERING

STORIES:
4

SQUARE FOOTAGE:
820,000

CLASS:
Multi-Purpose Indoor Arena

FEATURES:
20,000 seat capacity. \$1.1B renovation, roof suspended sky-walk bridges, larger entrance with interactive kiosks, retail, climate-controlled spaces, broadcast studio, larger concourses, seating, dressing rooms, locker rooms, green rooms, upgraded roof, and production offices.

SERVICE:
Construction engineering services for form-work, protection sheds, platforms and shoring.

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THE RHEINGOLD

10 MONTIETH STREET, BROOKLYN, NY



OWNER

ARCHITECT

THE RABSKY GROUP



NEW CONSTRUCTION

STORIES:
8

SQUARE FOOTAGE:
640,000

CLASS:
400 Unit Residential Building

FEATURES:
25,000 SF sloping landscaped rooftops, 19,000 SF courtyard, running/hiking course, urban farming areas, outdoor cross training facility, climbing walls, media room, private balconies and co-working spaces. 2-story Cellar with sub-cellar garage.

SERVICE:
Structural design utilizing flat-plate concrete slabs and concrete superstructure as well as structural steel connecting bridges and cantilevered concrete balconies. Titan provided full structural engineering services for the building superstructure and foundation. Special features include two levels of below grade parking and a steel pedestrian bridge connected to the roof. Flat plate concrete slabs, shear-walls and columns were utilized for the main building structure.

TITANENGINEERS.COM

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908 624 0044

HALO LIC

44-51 PURVES STREET, LONG ISLAND CITY, NY



OWNER

ARCHITECT

THE RABSKY GROUP

ALBO LIBERIS

NEW CONSTRUCTION

STORIES:
18

SQUARE FOOTAGE:
190,000

CLASS:
195 Unit Mixed-Use Building

FEATURES:
Private balconies with two 5-Story semi-outdoor botanical gardens. Free standing perforated screen walls.

SERVICE:
Ground-up structural design utilizing flat-plate concrete slabs with cantilevers and concrete shear walls. The design also included structural steel framed trusses supporting the exterior facade.

New York Office
47 Serene Place Hauppauge NY 11788
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TURTLE BACK ZOO

560 NORTHFIELD AVENUE, WEST ORANGE, NJ



OWNER

CLIENT

**ESSEX COUNTY
PARKS DEPARTMENT**



THE SHAUGER GROUP, INC.

RENOVATION

STORIES:
N/A

SQUARE FOOTAGE:
870,000

CLASS:
County Park Zoo

FEATURES:
Zoo featuring over 20 acres of animal exhibits, over 200 species of animals.

SERVICE:
Earth retention systems with challenging topographic landscape for the 82,000-Gallon Sea Lion Sound and Pony Trail Exhibits.

US PHARM LABS RENOVATIONS

1300 AIRPORT ROAD, NORTH BRUNSWICK, NJ



OWNER

ARCHITECT



ZEN ARCHITECTURE

RENOVATION

STORIES:
2

SQUARE FOOTAGE:
200,000

CLASS:
Industrial Pharmaceutical Manufacturing Building.

FEATURES:
Headquarters of an international pharmaceutical research development and manufacturing company.

SERVICE:
Tenant Fit-Out Renovations and Rooftop Mechanical Support.

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125 BORINQUEN PLACE

BROOKLYN, NY



OWNER

ARCHITECT

GRAND RESIDENCE LLC



NEW CONSTRUCTION

STORIES:
7

SQUARE FOOTAGE:
90,000

CLASS:
133 Unit Mixed-Use Building

FEATURES:
Landscaped interior courtyard, full building height glassed-in atrium and 1-story cellar garage with 68 parking spaces.

SERVICE:
Structural design utilizing flat-plate concrete slabs and concrete superstructure as well as structural steel framed atrium and connection design. Titan provided design for the structural steel framing and connections supporting the facade of the atrium. Post-tensioning was utilized to support one of the main features of the building, 22 foot long cantilevered balconies

200 LINDEN BOULEVARD

BROOKLYN, NY



OWNER

ARCHITECT



NEW CONSTRUCTION

STORIES:
8

SQUARE FOOTAGE:
74,000

CLASS:
69 Unit Residential Building

FEATURES:
Square, central courtyard plan, day-care center and 1-story Cellar garage with 35 parking spaces, state-of-the-art gym, games room and yoga room

SERVICE:
Ground-up structural design utilizing reinforced flat plate concrete slabs.

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WYNDHAM GARDEN HOTEL

1706 PATERSON PLANK ROAD, NORTH BERGEN, NJ



OWNER

ARCHITECT



**VIRGONA + VIRGONA
ARCHITECTS**

NEW CONSTRUCTION

STORIES:
5

SQUARE FOOTAGE:
125,000

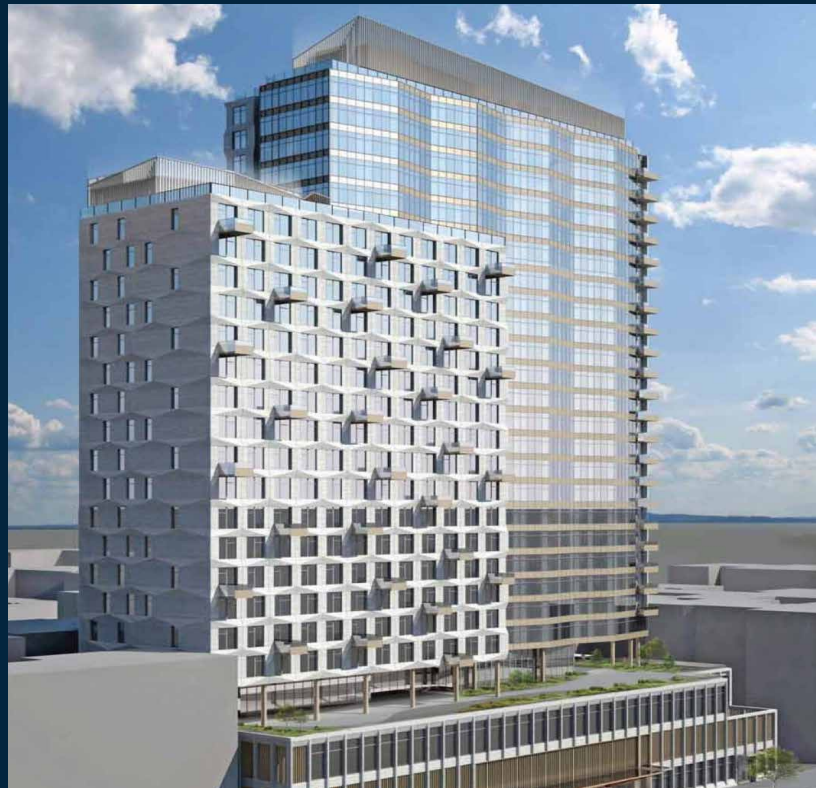
CLASS:
140 Key Hotel Building

FEATURES:
Indoor banquet hall and pool. Recreational roof and terraces.

SERVICE:
Ground-up structural design utilizing flat plate concrete slabs and concrete pedestal-structure. Titan provided engineering services for the building superstructure and foundation which comprised of a 2 story concrete podium supporting a light gauge metal framing superstructure.

123 LINDEN BOULEVARD

BROOKLYN, NY



OWNER

ARCHITECT



**HILL | WEST
ARCHITECTS**

NEW CONSTRUCTION

STORIES:
26

SQUARE FOOTAGE:
470,000

CLASS:
467 Unit Residential Building

FEATURES:
Indoor pool, library, private event hall.

SERVICE:
Ground-up structural design utilizing flat plate concrete slabs and reinforced concrete superstructure. Titan provided structural engineering services for the entire building structure which consists of flat plate concrete construction. Special features of the design include a concrete transfer slab to transition between the tower and amenity/parking floors, screen walls atop the roof and a mat foundation system to account for the unfavorable soils of the site.

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BANK OF AMERICA

851 KIMBALL AVENUE, YONKERS, NY



OWNER

ARCHITECT

Bank of America.



WHIDDEN SILVER

NEW CONSTRUCTION

STORIES:
1

SQUARE FOOTAGE:
4,000

CLASS:
Bank Branch Building

FEATURES:
Drive-through. Multinational banking and financial services corporation. Second largest banking corporation in the United States.

SERVICE:
Ground-up building design utilizing structural steel and light gauge metal framing. Services also included Multi-tier MSE geogrid reinforced earth retention walls to meet site circulation needs.

BUSHWICK II

54 NOLL STREET, BROOKLYN, NY



OWNER

CLIENT



**BROOKLYN GC
CONSTRUCTION
COMPANY**

FACADE

STORIES:
8

SQUARE FOOTAGE:
100,000

CLASS:
900 Unit Residential Building

FEATURES:
Urban farm roof, 17,850 SF Interior Park and public promenades. Full 2-Block development.

SERVICE:
Curtain Wall and Facade.

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564 SAINT JOHN'S PLACE

BROOKLYN, NY



OWNER

ARCHITECT



NEW CONSTRUCTION

STORIES:
8

SQUARE FOOTAGE:
136,000

CLASS:
172 Unit Residential Building

FEATURES:
1,900 SF outdoor recreation space, 2,000 SF indoor amenities and garage with 96 parking spaces located in the cellar and on ground level.

SERVICE:
Reinforced flat plate concrete slabs, concrete shear walls and structural steel framing as well as deep pile foundations.

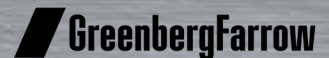
CHIPOTLE MEXICAN GRILL

74 BRICK PLAZA, BRICK, NJ



OWNER

CLIENT



RENOVATION

STORIES:
1

SQUARE FOOTAGE:
2700

CLASS:
Fast-Casual Restaurant Chain

FEATURES:
Chain serving fresh, locally sourced foods. International reach with 2,000+ outlets.

SERVICE:
Tenant fit out of new in-line and stand-alone locations with a need to work with a wide-range of design materials including steel, masonry, concrete, and timber. Repairs of the existing structure is often required and range from repairing steel columns, joist framing, roof diaphragms, and concrete slabs.

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KEY PERSONNEL PROFILE





NJ OFFICE

1331 STUYVESANT AVE
UNION NJ 07083



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TITANENGINEERS.COM



ASEATON@TITANENGINEERS.COM

ALEXANDER C SEATON PE

SENIOR ENGINEER



EDUCATION

RUTGERS UNIVERSITY

New Brunswick, NJ

BACHELOR OF SCIENCE

Civil Engineering

MASTER OF SCIENCE

Civil Engineering

Mr. Seaton specializes in structural and geotechnical engineering. His experience includes but is not limited to high rise construction, deep foundation systems, Support of Excavation (SOE), underpinning, earth retention/retaining walls, global stability, ground improvement, subsurface investigations, earthwork, septic system design, and special inspections. He is best known for his attention to detail, clear, concise communications and his organizational skills.

EXPERIENCE

CERTIFICATIONS

LICENSED PROFESSIONAL ENGINEER

New Jersey, #53658

AMERICAN WELDING SOCIETY (AWS)

Certified Welding Inspector (CWI)

AMERICAN CONCRETE INSTITUTE (ACI)

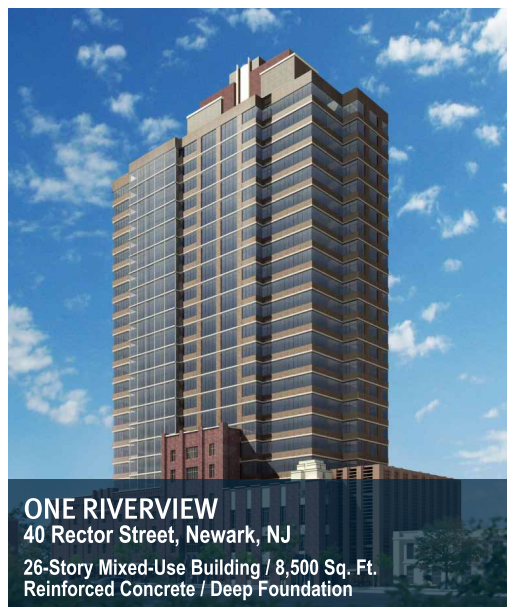
Grade 1 Technician

NUCLEAR DENSITY GAUGE/ HAZMAT CERTIFIED



M & M'S Hackettstown, NJ

Tilt-Up Control Building / 50,000 Sq. Ft. Plant constructed in Karst (sinkhole) region



ONE RIVERVIEW

40 Rector Street, Newark, NJ

26-Story Mixed-Use Building / 8,500 Sq. Ft.
Reinforced Concrete / Deep Foundation



AUDI NORTH MIAMI

1995 NE 142nd Street, North Miami, FL

3-Story Commercial Building / 360,000 Sq. Ft.
Glass curtain walls / Ground improvement



NJ OFFICE

1331 STUYVESANT AVE
UNION NJ 07083



908 624 0044



TITANENGINEERS.COM



ASEATON@TITANENGINEERS.COM

AFFILIATIONS

**MEMBERSHIP IN
PROFESSIONAL ASSOCIATIONS**
AMERICAN SOCIETY
OF CIVIL ENGINEERS

ALEXANDER C SEATON PE

EXPERIENCE CONTINUED



347-363 FLUSHING AVENUE Brooklyn, NY

8-story mixed-use commercial building / 180,000+ Sq. Ft.
Cast-in-place concrete flat plate/ 2-story cellar



244 HOWARD Brooklyn, NY

3-Story Department Building / 39,000 Sq. Ft.
Steel framing / 37,000 Sq. Ft. Addition



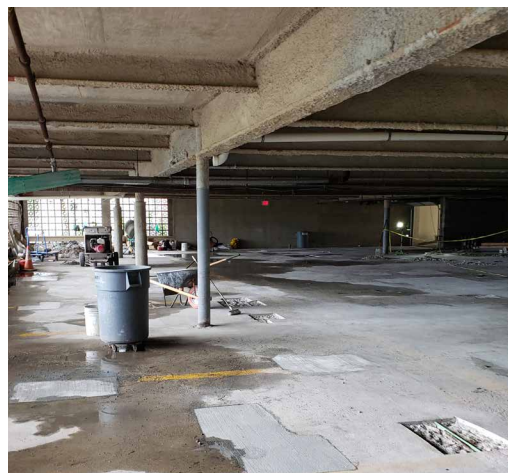
SAINT BARNABAS MEDICAL CENTER Livingston, NJ

6-Story Building / 241,000 Sq. Ft.
4-Story Parking Garage / Filigree slab



COLUMBIA HEIGHTS Brooklyn, NY

SOE Design which followed a partial collapse of a 3-Story
retaining wall into the building center



HACKENSACK PARKING GARAGES Hackensack, NJ

3-Story Department Building / 20,000 Sq. Ft.
450-Seat Theater / Steel frame



NJ OFFICE

1331 STUYVESANT AVE
UNION NJ 07083



908 624 0044



TITANENGINEERS.COM



AMARRERO@TITANENGINEERS.COM

ANTHONY J MARRERO PE

PROJECT ENGINEER



EDUCATION

RUTGERS UNIVERSITY

New Brunswick, NJ

BACHELOR OF SCIENCE

Civil Engineering

NEW JERSEY INSTITUTE OF TECHNOLOGY

Newark, NJ

MASTER OF SCIENCE

Civil Engineering

AFFILIATIONS

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

AMERICAN SOCIETY
OF CIVIL ENGINEERS

Mr. Marrero specializes in building and geo-structural systems. His experience includes but is not limited to earth retention systems, new ground-up buildings, renovations, tenant fit-outs, and structural investigation services. Mr. Marrero is best known for his ability to tailor his experience and services to meet the needs of architects, contractors and State DOTs within both the private and public sector. One of his most notable projects is the renovation for the New York Citicorp building.

EXPERIENCE



NEW YORK WHEEL

155 Richmond Terrace, Staten Island, NY

4-Story Commercial Building / 420,000 Sq. Ft. Vehicular ramps / Earth retention systems



CITICORP CENTER RENOVATIONS

New York, NY

59-Story Office Tower / 1,300,000 Sq. Ft.
9-Story stilts/7th tallest building in the world



357 WEST 17TH STREET

Brooklyn, NY

5-Story Townhouse / 11,000 Sq. Ft.
Luxury townhouse / Double story privacy

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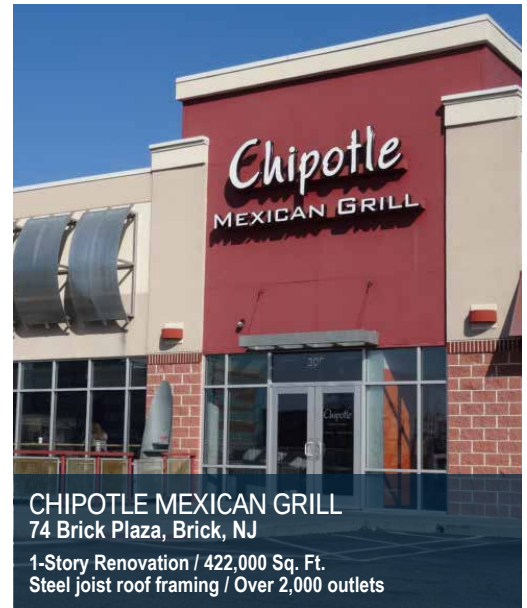
ANTHONY J MARRERO

EXPERIENCE CONTINUED



106 REMSEN AVENUE
Brooklyn, NY

7-Story Residential Building / 45,000 Sq. Ft.
Flat Plate concrete building w/ full cellar



CHIPOTLE MEXICAN GRILL
74 Brick Plaza, Brick, NJ

1-Story Renovation / 422,000 Sq. Ft.
Steel joist roof framing / Over 2,000 outlets



THE LEGACY CASTLE
141 Route 23 South, Pequannock, NJ

5-Story Banquet Hall / 85,000 Sq. Ft.
Gravity earth retention wall system



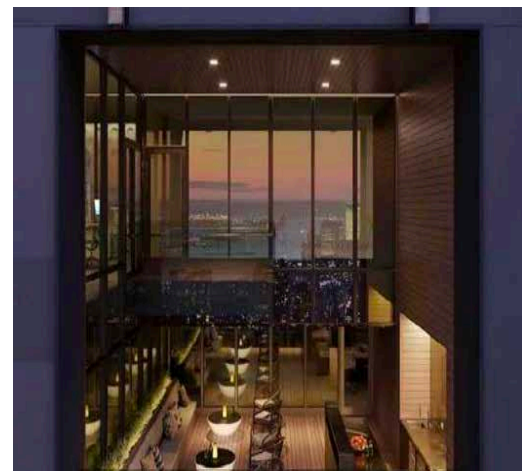
UBS ARENA
2400 Hempstead Turnpike, Elmont, NY

Sports and Ent. Complex / 350,000 Sq. Ft. Design of Retaining Wall
systems - Segmental Block, Cast-in-Place Concrete, & Soldier Piles



HUDSON RIVER PARK
Bloomfield Street - West 14th Street, New York, NY

Waterside Public Park Redevelopment
550 Acres, 4.5 Miles



PARAMOUNT PLAZA
1633 Broadway, New York, NY

Double story outdoor terrace encompassing 47th and 48th
floor. Design of universal suspension system



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UNION NJ 07083



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AMAYANGARUM@TITANENGINEERS.COM

ARUM MAYANGARUM PE

PROJECT MANAGER

20+ YEARS EXPERIENCE



EDUCATION

BANDUNG INSTITUTE OF TECHNOLOGY

Bandung Indonesia

BACHELOR OF SCIENCE

Civil Engineering

LEHIGH UNIVERSITY

Bethlehem, PA

MASTER OF SCIENCE

Civil Engineering

CERTIFICATIONS

LICENSED PROFESSIONAL ENGINEER

Michigan, #50264

AWARDS

MERIT AWARD

Lincoln Arc Welding Foundation

PUBLICATIONS

CONSORTIUM OF UNIVERSITIES FOR RESEARCH IN EARTHQUAKE ENGINEERING (CUREE)

*Effects of Partially-Restrained Connection Stiffness
and Strength on Frame Seismic Performance*

Ms. Mayangarum specializes in engineering office buildings, hotels, shopping centers and residential buildings. Her experience includes but is not limited to designing and analyzing the lateral load-resisting systems for complex buildings, mid to high-rise structures, and finding solutions for any project's unique challenges. Ms. Mayangarum is best known for her organizational and communication skills, one of her most notable projects being Al Burj.

EXPERIENCE



AL BURJ

Dubai, United Arab Emirates

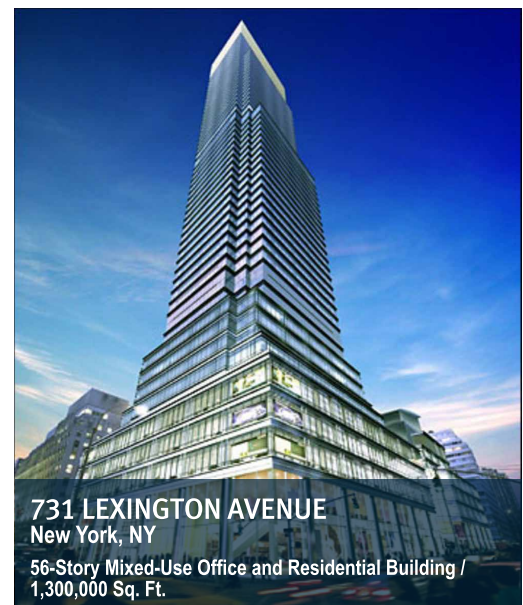
1-Kilo Tall Residential Tower / 6,800,000 Sq. Ft. Stiff Exterior shell with hollow core



MENARA CARIGALI (TOWER 3)

Kuala Lumpur, Malaysia

60-Story Mixed-Use Tower with Retail, Office Residential,
and Underground Parking



731 LEXINGTON AVENUE

New York, NY

56-Story Mixed-Use Office and Residential Building /
1,300,000 Sq. Ft.



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UNION NJ 07083



908 624 0044



TITANENGINEERS.COM



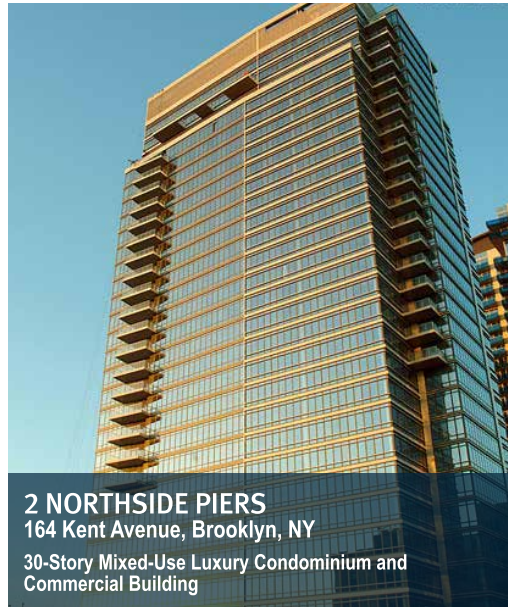
AMAYANGARUM@TITANENGINEERS.COM

AFFILIATIONS

**MEMBERSHIP IN
PROFESSIONAL ASSOCIATIONS**
*AMERICAN SOCIETY
OF CIVIL ENGINEERS*

ARUM MAYANGARUM PE

EXPERIENCE CONTINUED



2 NORTHSIDE PIERS

164 Kent Avenue, Brooklyn, NY

30-Story Mixed-Use Luxury Condominium and
Commercial Building



137 BEACH, 116TH STREET

Queens, NY

9-Story Mixed-Use Building / 169,000 Sq. Ft.
Single-Story below grading parking



30 EAST 60TH STREET

New York, NY

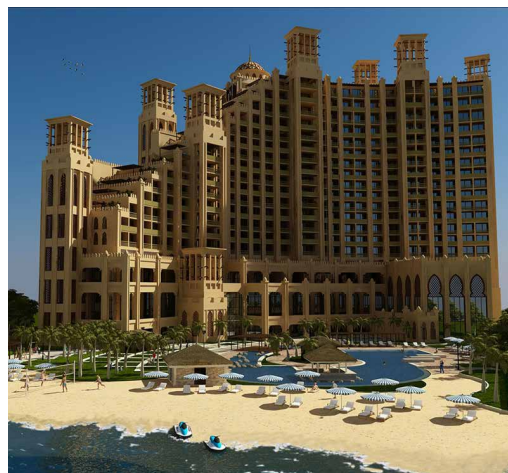
11-Story Addition on top of an existing 14-Story Office
Building / 43,000 Sq. Ft.



THE VENTO

250 East 53rd Street, New York, NY

34-Story Luxury Residential Tower
Constructed using concrete flat slab



AJMAN PALACE AND RESORT

Ajman, United Arab Emirates

18-Story Hotel Buildings Clustered on a Common
Podium / 500,000 Sq. Ft.



3250 WESTCHESTER AVE

Bronx, NY

7-Story Mixed-Use Commercial Building / 100,000+ Sq. Ft.
Ground Floor Retail / Community Facilities



NY OFFICE
47 SERENE PLACE
HAUPPAUGE NY 11788

631 885 8059

TITANENGINEERS.COM

CCLACKETT@TITANENGINEERS.COM

EDUCATION

STATE UNIVERSITY OF NEW YORK AT BUFFALO

Buffalo, NY

BACHELOR OF SCIENCE
Civil Engineering

AFFILIATIONS

MEMBERSHIP IN
PROFESSIONAL ASSOCIATIONS
AMERICAN SOCIETY
OF CIVIL ENGINEERS

CHARLES H CLACKETT

VICE PRESIDENT + BRANCH MANAGER

30+ YEARS EXPERIENCE



Mr. Clackett specializes in engineering project management with astute financial, technical and operational analytical skills. His experience includes but is not limited to new business development, the design of all types of earth retention systems and structural building evaluations for both regional and national clients. Mr. Clackett is best known for his decisive decision making, communication and organizational skills.

EXPERIENCE



SANDY HOOK ELEMENTARY SCHOOL

Sandy Hook, CT

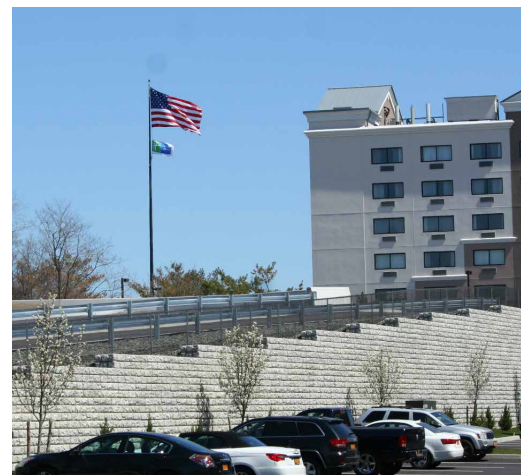
Elementary Public School / 86,800 Sq. Ft. Design of 5 gravity retaining walls



SHAKE SHACK

71-24 Austin Street, Forest Hills, NY

Structural renovation design / Tenant-Fit out of new in-line and stand-alone locations



N&G REALITY

Central Avenue, Hauppauge, NY

22 Ft. High / 15,000 Sq. Ft.
Segmental block retaining wall

NY OFFICE



47 SERENE PLACE
HAUPPAUGE NY 11788



631 885 8059



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3810 BAILEY AVENUE Bronx, NY

6-Story Residential Building / 24 Ft. High
Retaining walls / Tight site constraints



STEW LEONARD'S

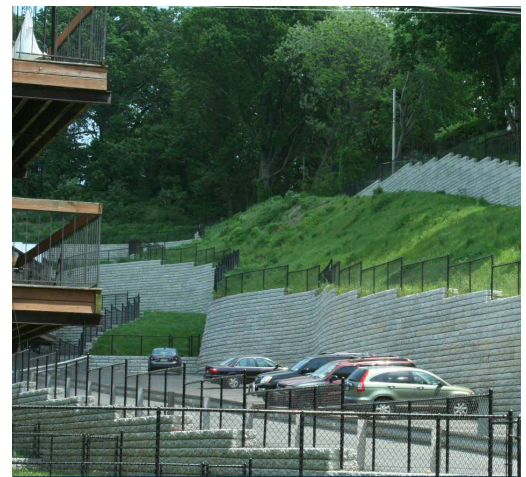
261 Airport Plaza Blvd, Farmingdale, NY

Large gravity block retaining wall designed to enhance
truck loading dock for new supermarket.



JONATHON DAYTON HIGH SCHOOL 666 S. Springfield Avenue, Springfield, NJ

Public High School / 2,300k Sq. Ft. / Created land for
multiple sports fields/courts



HIGHPOINT AT DOUGLSTON

70th Avenue & 242nd Street, Douglaston, NY

Residential Complex / 70,000 Sq. Ft. / 24+ Gravity earth
retention walls with max 54 FT High grade change



THE SHOPS AT FIFTEEN MILE

Lee Highway & Jeb Stuart Highway, Abingdon, VA

Over 16,000 SF of two geogrid-reinforced retaining walls
(max height of 40 FT) for a new Walmart



GARVIES POINT WATERFRONT

Glen Cove, NY

60-Acre waterfront / 28 acres of public amenity space /
Design of three different types of retaining walls



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UNION NJ 07083

908 624 0044

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JMERRITT@TITANENGINEERS.COM

EDUCATION

STATE UNIVERSITY OF NEW YORK INSTITUTE OF TECHNOLOGY

Utica, NY

BACHELOR OF SCIENCE
Civil Engineering Technology

NEW JERSEY INSTITUTE OF TECHNOLOGY

Newark, NJ

MASTER OF SCIENCE
Civil Engineering

CERTIFICATIONS

LICENSED PROFESSIONAL ENGINEER

New Jersey, #24GE05493800
Pennsylvania, #PE087771
New York, #101641

AFFILIATIONS

**MEMBERSHIP IN
PROFESSIONAL ASSOCIATIONS**
AMERICAN SOCIETY
OF CIVIL ENGINEERS

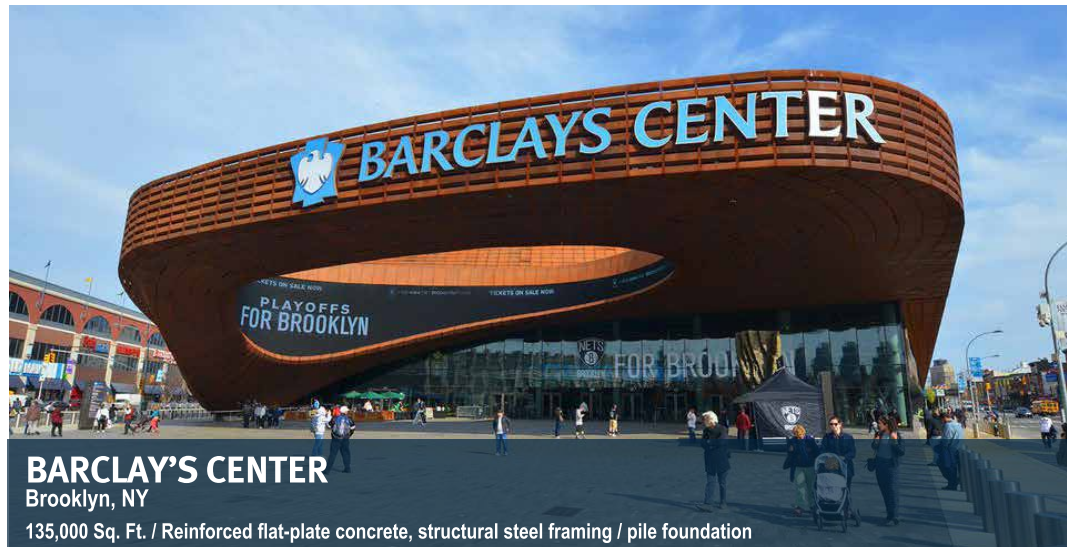
JAMIE M MERRITT PE

PROJECT MANAGER



Mr. Merritt specializes in structural engineering, building design, fabrication and site inspections. His experience spans the entire spectrum of building design, including structural systems, structural steel, flat-plate concrete, precast concrete plant, masonry, cold formed steel, timber, Support of Excavation (SOE), foundation design and framing systems. Mr. Merritt is best known for his dual-roles as both a participator and team leader in nearly every phase of building design, from the initial planning phases, design development and analysis, to construction administration.

EXPERIENCE



BARCLAY'S CENTER Brooklyn, NY

135,000 Sq. Ft. / Reinforced flat-plate concrete, structural steel framing / pile foundation



CITICORP CENTER RENOVATIONS New York, NY

59-Story Office Tower / 1,300,000 Sq. Ft.
9-Story stilts/7th tallest building in the world



FAN PIER BUILDING Boston, MA

18-Story Commercial Lab / 1,100,000 Sq. Ft.
Large high-rise / floor composite / steel joints



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JMERRITT@TITANENGINEERS.COM

JAMIE M MERRITT PE

EXPERIENCE CONTINUED



744 BEDFORD AVENUE
Brooklyn, NY

6-Story Residential Building / 81,000 Sq. Ft.
Reinforced flat-plate concrete / Full story cellar



207 SOUTH 3RD STREET
Brooklyn, NY

5-Story Residential Building / 30,000 Sq. Ft.
Reinforced flat-plate concrete



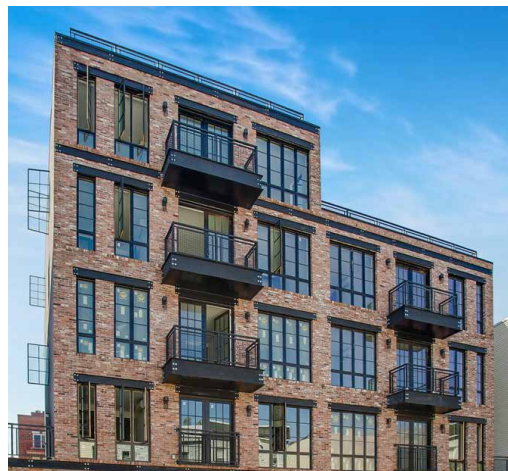
664 NEW YORK AVENUE
Brooklyn, NY

6-Story Mixed-Use Residential / 25,000 Sq. Ft.
Reinforced concrete structure and shoring design



45-57 DAVIS STREET
Brooklyn, NY

9-Story Residential Building / 108,000 Sq. Ft.
Reinforced concrete superstructure



82 JEFFERSON STREET
Brooklyn, NY

5-Story & 24 Units / 16,400 Sq. Ft.
Structural steel building / Constructibility



26-30 4TH STREET
Astoria, NY

7-Story + 5-story Twin Res. Tower Concrete Structure connected
by a 2nd floor recreational terrace platform / 90,000 Sq. Ft.



NJ OFFICE

1331 STUYVESANT AVE
UNION NJ 07083



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KKOSIAK@TITANENGINEERS.COM

EDUCATION

RUTGERS UNIVERSITY

New Brunswick, NJ

BACHELOR OF SCIENCE

Civil Engineering

MASTER DEGREE

Structural Engineering

AFFILIATIONS

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

AMERICAN SOCIETY
OF CIVIL ENGINEERS

KONRAD S KOSIAK

PROJECT ENGINEER



Mr. Kosiak specializes in geo-technical and structural design. His experience includes but is not limited to mid-rise residential flat plate concrete buildings comprised of shear wall, column slab, and foundation design as well as Support of Excavation designs involving soil-anchors, underpinning, and soldier pile with lagging and heel block design. One of Mr. Kosiak's most notable projects was 260 Gold Street, where he coordinated the structural design of the superstructure and foundation, while over-viewing the construction administration work.

EXPERIENCE



260 GOLD STREET

Brooklyn, NY

13-Story Residential Building / 265,000 Sq. Ft. Rooftop terrace / Reinforced concrete system



BOBOV 45

Brooklyn, NY

5-Story Synagogue Building / 146,000 Sq. Ft.
Stone Clad Façade and Roof / Full Cellar & Sub-Cellar



296 WYTHE AVENUE

Brooklyn, NY

6-Story Cellar Residential/Commercial Building
60,000 Sq. Ft. / Reinforced concrete Structure

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UNION NJ 07083



908 624 0044



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KKOSIAK@TITANENGINEERS.COM

KONRAD S KOSIAK

EXPERIENCE CONTINUED



103 NORTH 13TH STREET
Brooklyn, NY

9-Story Office Building / 100,000 Sq. Ft.
Creative structural facade / Full story cellar



1134 FULTON STREET
Brooklyn, NY

11-Story Residential Building / 200,000 Sq. Ft.
Full story basement storage and in-ground pool



58 GERRY STREET / 25 BARTLETT STREET
Brooklyn, NY

7-Story Cellar High-Rise Residential / 170,000 Sq.Ft.
Reinforced concrete superstructure



133-25 37TH AVENUE
Flushing, NY

16-Story Mixed-Use High Rise Building / 315,000 Sq. Ft.
Reinforced concrete system / Triple story basement



744 BEDFORD AVENUE
Brooklyn, NY

6-Story Residential Building / 81,000 Sq. Ft.
Reinforced flat-plate concrete / Full story cellar



58 VANDERBILT AVENUE
Brooklyn, NY

9-Story Mixed-Use Building / 106,000 Sq. Ft.
Reinforced concrete system / Transfer slab



NJ OFFICE

1331 STUYVESANT AVE
UNION NJ 07083



908 624 0044



TITANENGINEERS.COM



LVIENCKOWSKI@TITANENGINEERS.COM

EDUCATION

BUCKNELL UNIVERSITY

Lewisburg, PA

BACHELOR OF SCIENCE

Civil Engineering

LEHIGH UNIVERSITY

Bethlehem, PA

MASTER OF ENGINEERING

Structural Engineering

AFFILIATIONS

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

AMERICAN SOCIETY
OF CIVIL ENGINEERS

LISA A VIENCKOWSKI

PROJECT ENGINEER



Ms. Vienckowski specializes in the design of low-rise and high-rise buildings for residential, commercial, office, and hotel structures, as well as the support of excavation design for these projects. Her experience also includes the design of glass, specialty building facades, and marine environment structures. Ms. Vienckowski is best known for her leadership skills, technical training, communication and project management from the initial planning phases through construction administration.

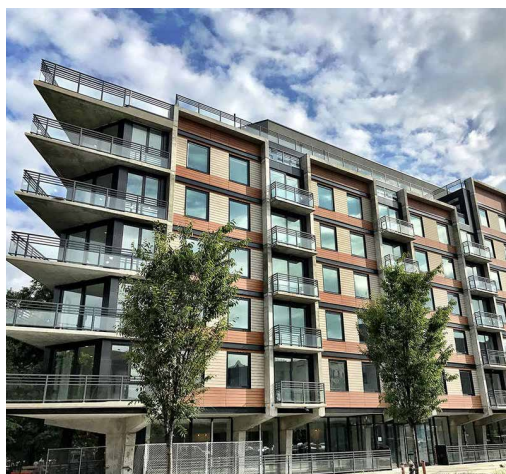
EXPERIENCE



25 BRUCKNER BOULEVARD

Bronx, NY

5-Story Concrete Residential Building / 138,600 Sq. Ft. / Reinforced concrete structure designed for AE flood levels



125 BORINQUEN PLACE

Brooklyn, NY

7-Story Mixed-Use Building / 90,000 Sq. Ft.
22 Ft. post-tensioned concrete balconies



1056 MANHATTAN AVENUE

Brooklyn, NY

7-Story Mixed-Use Building / 94,000 Sq. Ft.
Reinforced concrete structure and shoring design

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UNION NJ 07083



908 624 0044



TITANENGINEERS.COM



LVIENCKOWSKI@TITANENGINEERS.COM

LISA A VIENCKOWSKI

EXPERIENCE CONTINUED



**664 NEW YORK AVENUE
Brooklyn, NY**

6-Story Mixed-Use Residential Building / 25,000 Sq. Ft.
Reinforced concrete structure and shoring design



**1134 FULTON STREET
Brooklyn, NY**

11-Story Residential Building / 200,000 Sq. Ft.
Full story basement w/ storage and in-ground pool



**243 4TH AVENUE
Brooklyn, NY**

12-Story Concrete Residential Building / 43,000 Sq. Ft.
Steel pipe pile foundations



**333 CYPRESS AVENUE
Bronx, NY**

7-Story Residential Building / Reinforced concrete slabs,
columns, and shear walls



**340 EVERGREEN AVENUE
Brooklyn, NY**

5-Story Residential Building / 172,000 Sq. Ft.
Concrete transfer slab to maximize parking space



**101 SEAPORT BOULEVARD
Boston, MA**

5-story glass cable wall, skylights, and glass
canopies



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TITANENGINEERS.COM



NSHUMAN@TITANENGINEERS.COM

NATHAN D SHUMAN PE

VICE PRESIDENT + PRINCIPAL

20+ YEARS EXPERIENCE



EDUCATION

PENNSYLVANIA STATE UNIVERSITY

State College, PA

**BACHELOR OF
ARCHITECTURAL ENGINEERING**
Structural Engineering Emphasis

CERTIFICATIONS

LICENSED PROFESSIONAL ENGINEER

Connecticut, #30135

Delaware, #19634

Massachusetts, #51477

Michigan, #61857

Missouri, #2015013012

New Jersey, #51787

New York, #086727

Pennsylvania, #74350

AFFILIATIONS

**MEMBERSHIP IN
PROFESSIONAL ASSOCIATIONS**
AMERICAN SOCIETY
OF CIVIL ENGINEERS

Mr. Shuman specializes in project management and technical guidance, comprising advanced computer modeling and custom in-house engineering software. His experience includes but is not limited to the design of skyscrapers, commercial, office, residential, laboratories, schools, parking facilities, hospitality, casinos, marine, construction engineering, glass, facades and blast resistance. Mr. Shuman's projects encompass a variety of applications ranging from the design of buildings in Dubai to reinforcement of the Empire State Building and blast design for the entryways at the new World Trade Center Tower One.

EXPERIENCE



133-25 37TH AVENUE

Flushing, NY

16-Story Mixed-Use High Rise Building / 315,000 Sq. Ft. / Reinforced concrete system / Triple story basement



MOUNT AIRY RESORT & CASINO

Poconos, PA

Steel framed casino w/ steel and plank hotel
600,000 Sq. Ft.



416-420 KENT AVENUE

Brooklyn, NY

(3) 23-Story Concrete Towers / 880,000 Sq. Ft.
Concrete Flat Plate / Concrete truss cantilevers

NJ OFFICE

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UNION NJ 07083



908 624 0044



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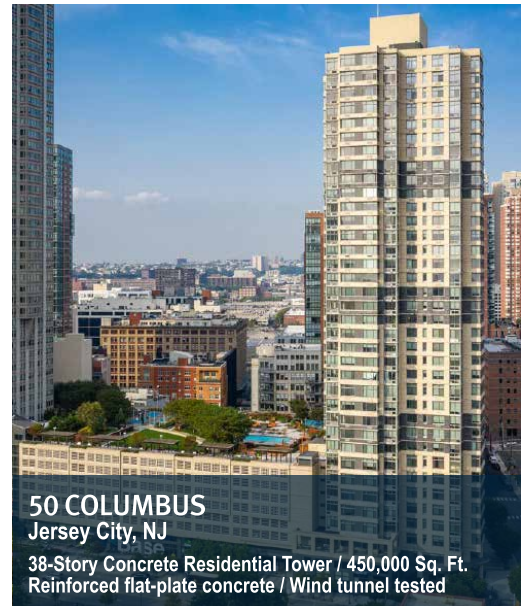


NSHUMAN@TITANENGINEERS.COM



LIVE CASINO & PARKING
Hanover, MD

300 Ft. X 1,000 Ft. Casino w/ 6-story parking above
1,700,000 Sq. Ft.



50 COLUMBUS
Jersey City, NJ

38-Story Concrete Residential Tower / 450,000 Sq. Ft.
Reinforced flat-plate concrete / Wind tunnel tested



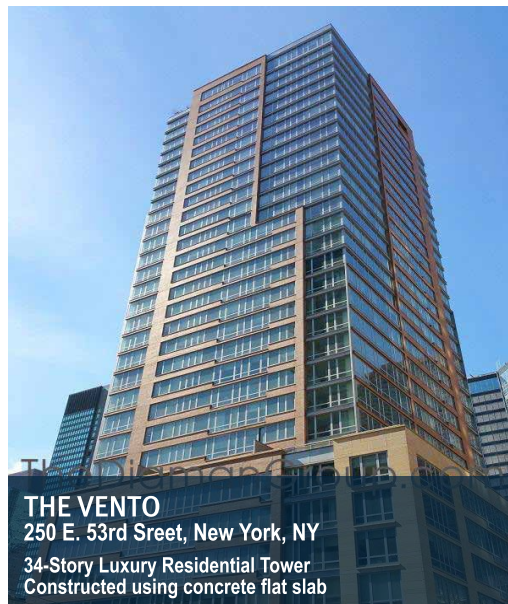
PUBLIC HEALTH LAB FACILITIES
West Trenton, NJ

Mixed-Use Building / 275,000 Sq. Ft.
w/ biological safety Level 2, 3 and 3+ labs



1706 RITTENHOUSE SQUARE
Philadelphia, PA

30-Story Filigree Residential Building w/ 4-Story
Automated Parking Facility in Basement / 400ft tall



THE VENTO
250 E. 53rd Street, New York, NY

34-Story Luxury Residential Tower
Constructed using concrete flat slab



BOBOV 45
Brooklyn, NY

5-Story Synagogue Building / 146,000 Sq. Ft.
Stone Clad Façade and Roof / Full Cellar & Sub-Cellar



NJ OFFICE

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EDUCATION

RUTGERS UNIVERSITY

New Brunswick, NJ

BACHELOR OF SCIENCE

Civil Engineering

MASTER DEGREE

Structural Engineering

CERTIFICATIONS

LICENSED PROFESSIONAL ENGINEER

Connecticut, #24637

New York, #083390

Delaware, #13937

Ohio, #78184

Maine, #12516

Pennsylvania, #71890

Maryland, #31151

Rhode Island, #8416

Massachusetts, #46461

Vermont, #74677

New Hampshire, #13349

Virginia, #40812

New Jersey, #44219

West Virginia, #20208

AFFILIATIONS

TOWNSHIP OF UNION, NJ

Uniform Construction Code Board of Appeals

AMERICAN SOCIETY OF CIVIL ENGINEERS

STRUCTURAL ENGINEERING INSTITUTE

AMERICAN CONCRETE INSTITUTE

NICHOLAS C WONG PE

PRESIDENT + PRINCIPAL

20+ YEARS EXPERIENCE



Mr. Wong built Titan from the ground up using his extensive level of experience in structural engineering combined with substantial fluency in architectural, mechanical and many other building systems. His unerring drive to create a close-knit team of organized and efficient professionals is the very foundation that has formed Titan's core values. He has performed numerous services for retail, office, residential, educational, earth retention and transportation for real estate valued in excess of \$8B over his career. Mr. Wong is best known for his leadership skills, acute decision making and self-driven motivation to carry his team to success.

EXPERIENCE



HARBORSIDE PLAZA 5

Jersey City, NJ

36-Story High-Rise Office Tower / 1,000,000 Sq. Ft. Structural steel braced frame superstructure



PENGUIN RANDOM HOUSE BUILDING

Park Imperial New York, NY

56-Story High-Rise Mixed-Use Building
1st in US: Flat Plate Concrete Tower



WORLD TRADE CENTER

New York, NY

Emergency Response Team / Investigation of site
Support for facades



NJ OFFICE

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TITANENGINEERS.COM



NWONG@TITANENGINEERS.COM

HONORS

CITY OF NEW YORK CERTIFICATE OF APPRECIATION

WTC Disaster Recovery Effort

CIB CONCRETE AWARD

The Park Imperial Building

AMERICAN COUNCIL OF ENGINEERING COMPANIES DIAMOND AWARD

St. George Ferry Terminal

MOLES AWARD

Excellence in Construction Management

PUBLICATIONS

INT. SYMP. OF REINFORCED CONCRETE CORROSION PROTECTION

*"Evaluation of Corrosion Inhibiting Admixtures
In Four New Bridges"*

*"Bond Properties of Corroded
Reinforcement Bars"*

ACI INTERNATIONAL SPRING CONVENTION

*"Use of Flexible Amorphous Fibers for
Plastic Shrinkage Cracking Reduction"*

CIVIL ENGINEERING REPORT

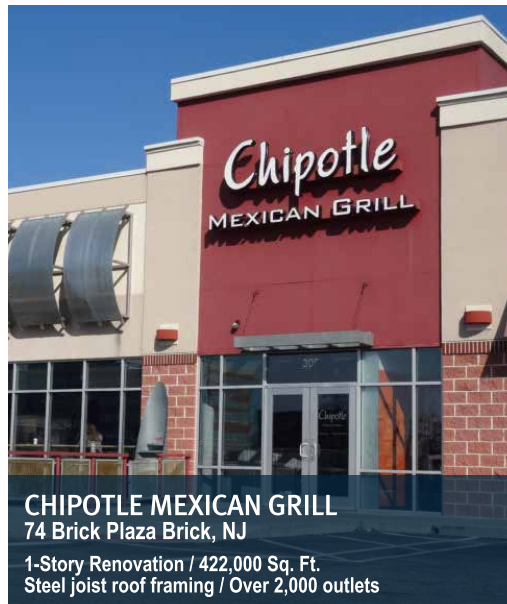
"Properties of Fiber Reinforced Concrete"

RUTGERS UNIVERSITY SCHOOL OF ENGINEERING

"Featured in November 2018 Edition of SOE News"

NICHOLAS C WONG PE

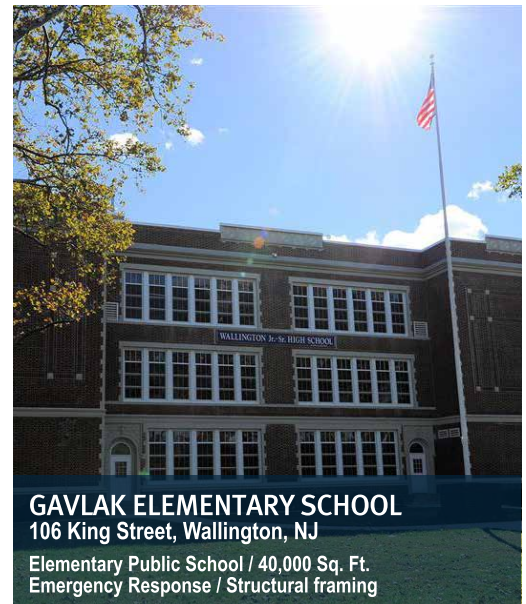
EXPERIENCE CONTINUED



CHIPOTLE MEXICAN GRILL

74 Brick Plaza Brick, NJ

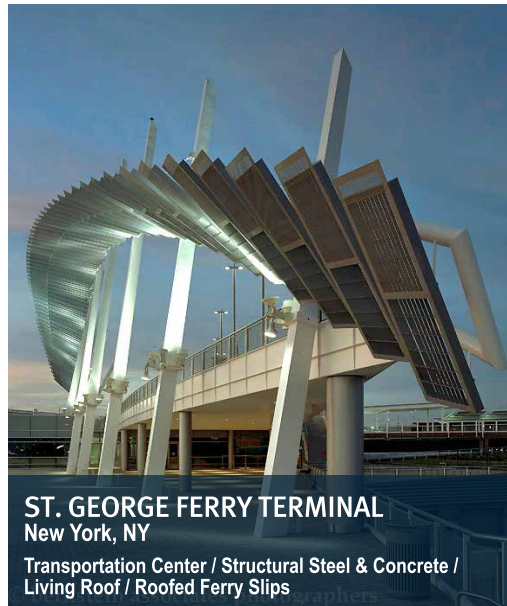
1-Story Renovation / 422,000 Sq. Ft.
Steel joist roof framing / Over 2,000 outlets



GAVLAK ELEMENTARY SCHOOL

106 King Street, Wallington, NJ

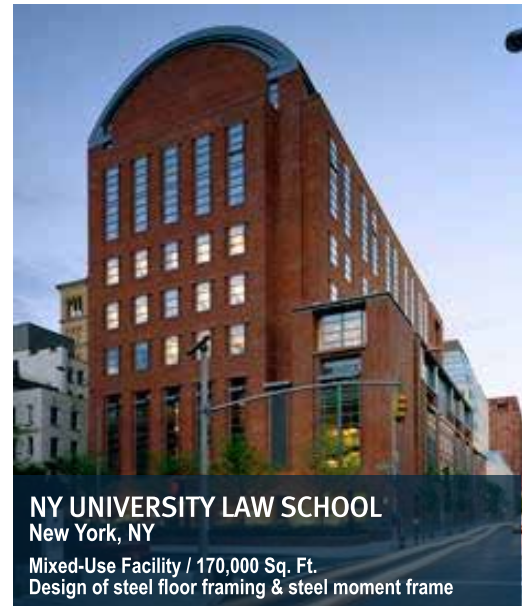
Elementary Public School / 40,000 Sq. Ft.
Emergency Response / Structural framing



ST. GEORGE FERRY TERMINAL

New York, NY

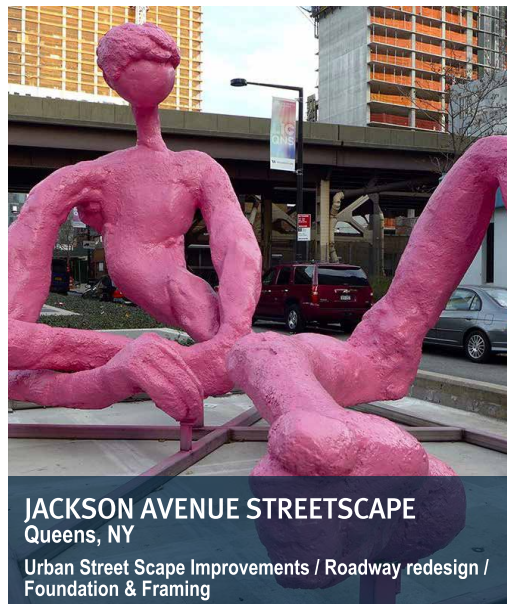
Transportation Center / Structural Steel & Concrete /
Living Roof / Roofed Ferry Slips



NY UNIVERSITY LAW SCHOOL

New York, NY

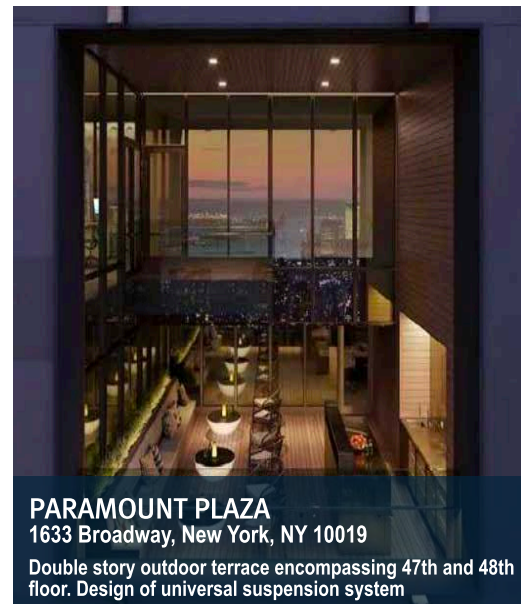
Mixed-Use Facility / 170,000 Sq. Ft.
Design of steel floor framing & steel moment frame



JACKSON AVENUE STREETSCAPE

Queens, NY

Urban Street Scene Improvements / Roadway redesign /
Foundation & Framing



PARAMOUNT PLAZA

1633 Broadway, New York, NY 10019

Double story outdoor terrace encompassing 47th and 48th
floor. Design of universal suspension system



NJ OFFICE

1331 STUYVESANT AVE
UNION NJ 07083



908 624 0044



TITANENGINEERS.COM



RKNORR@TITANENGINEERS.COM

REBECCA KNORR PE

PROJECT MANAGER



EDUCATION

PHILADELPHIA UNIVERSITY

Philadelphia, PA

BACHELOR OF SCIENCE

Architectural Engineering

LEHIGH UNIVERSITY

Bethlehem, PA

MASTER OF ENGINEERING

Structural Engineering

CERTIFICATIONS

LICENSED PROFESSIONAL ENGINEER

New York, #098876

AFFILIATIONS

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

AMERICAN SOCIETY
OF CIVIL ENGINEERS

AMERICAN INSTITUTE OF STEEL
CONSTRUCTION

Ms. Knorr specializes in the structural design and project management of mid- to high-rise building designs, building renovations, facade design, and Support of Excavation (SOE) within the residential, educational, office, retail, and government sectors. She has a keen understanding of all major construction materials including concrete, structural steel, light gage, masonry, aluminum, and glass systems. Ms. Knorr is best known for her technical guidance, her attention to detail, and her organizational and communication skills throughout the entirety of each of her projects.

EXPERIENCE



130 HOPE STREET Brooklyn, NY

7-Story Mixed-Use Residential Building / 152,000 Sq. Ft. / 143 Dwelling Units / 1st Floor Rear Yard and Rooftop Outdoor Terrace Spaces



575 4TH AVENUE Brooklyn, NY

11-Story Mixed-Use Residential Building / 123,000 Sq. Ft.
70 Dwelling Units / 2nd Flr and Roof Level Outdoor Terrace spaces



402 MOTHER GASTON Brooklyn, NY

13-Story Mixed-Use Residential Building / 93,000 Sq. Ft.
62 Dwelling Units / 4-level Parking Stackers to maximize parking

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UNION NJ 07083



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RKNORR@TITANENGINEERS.COM

REBECCA KNORR PE

EXPERIENCE CONTINUED



375 DEAN STREET Brooklyn, NY

12-Story Mixed-Use Residential Building / 163,500 Sq. Ft.
104 Dwelling Units / Retail space on site



BOBOV BNOS ZION SCHOOL Brooklyn, NY

7-Story Educational Building / 82,000 Sq. Ft.
59 Classrooms / Two Banquet Halls on site



22 SUSSEX STREET Hackensack, NJ

6-Story Residential Building / 144,000 Sq. Ft.
88 Dwelling Units / 2-Story Parking Deck Podium



200 LINDEN BOULEVARD Brooklyn, NY

8-Story Mixed-Use Residential Building / 74,000 Sq. Ft.
69 Apartments / Community Facility on site



PSAC II CURTAIN WALL Bronx, NY

Emergency Service Answering Center / 450,000 Sq. Ft.
Serrated Aluminum Panel Façade with Minimal Windows



FORT BLISS HOSPITAL Fort Worth, TX

Replacement Hospital / 630,000 Sq. Ft.
3 Glass Curtain Walls designed to withstand Blast Loading



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RGARON@TITANENGINEERS.COM

RONALD J GARON PHD PE

BRANCH MANAGER

20+ YEARS EXPERIENCE



EDUCATION

UNIVERSITY OF NOTRE DAME

Notre Dame, IN

BACHELOR OF SCIENCE

Civil Engineering

RUTGERS UNIVERSITY

New Brunswick, NJ

MASTER OF SCIENCE

Structural Engineering

CERTIFICATIONS

LICENSED PROFESSIONAL ENGINEER

New Jersey, #44481

Pennsylvania, #84047

New York, #095819

South Carolina, #095819

AFFILIATIONS

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

*AMERICAN SOCIETY
OF CIVIL ENGINEERS*

Dr. Garon specializes in structural design, investigation and various structural related consulting services. His experience includes but is not limited to retail, office, residential, educational, and sports facilities with construction types varying from high-rise steel and concrete to conventional residential light gauge framing. Dr. Garon is best known for his ability to take old fashioned values and an extremely strong work ethic to each project presented to him to supersede the expectations of his clients.

EXPERIENCE



METLIFE STADIUM

East Rutherford, NJ

2,100,000 Sq. Ft. / Structural steel framing, pile supported foundations / Cost \$1.6 Billion



PRINCETON UNIVERSITY

20 Washington Road, Princeton, NJ

3-Story Academic Building / 2,000,000 Sq. Ft.
Structural steel framing



10 MONTITH STREET

Brooklyn, NY

8-Story Residential Building / 640,000 Sq. Ft. Coordination
+ Design of building's concrete structure



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RGARON@TITANENGINEERS.COM

RONALD J GARON PhD PE

EXPERIENCE CONTINUED



22 SUSSEX STREET
Hackensack, NJ

6-Story Residential Building / 144,000 Sq. Ft.
88 Dwelling Units / 2-Story Parking Deck Podium



662-666 AVENUE C
Bayonne, NJ

5-Story Residential Building / 50,000 Sq. Ft.
Cantilevered balconies / Timber framing



THE MCCLAREN
104 Wardlaw St, Greenville, SC

8-Stories of light gage framing over a 2-Story cast in place concrete podium / 423,000 Sq. Ft.



RUTGERS ACADEMIC BUILDING
15 Seminary Place, New Brunswick, NJ

5/7-Story Academic Building / 175,000 Sq. Ft.
Structural steel framing / Tiered classroom



WYNDHAM GARDEN HOTEL
1706 Paterson Plank Road, North Bergen, NJ

5-Story Hotel Building / 125,000 Sq. Ft.
Reinforced concrete base-structure



BOBOV BNOS ZION SCHOOL
Brooklyn, NY

7-Story Educational Building / 82,000 Sq. Ft.
59 Classrooms / Two Banquet Halls on site



NJ OFFICE

1331 STUYVESANT AVE
UNION NJ 07083



908 624 0044



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SSANDFORD@TITANENGINEERS.COM

SHADOE R SANDFORD PE

PROJECT ENGINEER



EDUCATION

LEHIGH UNIVERSITY

Bethlehem, PA

MASTER OF ENGINEERING

Structural Engineering

BACHELOR OF SCIENCE

Civil Engineering

CERTIFICATIONS

LICENSED PROFESSIONAL ENGINEER

New York, #100735

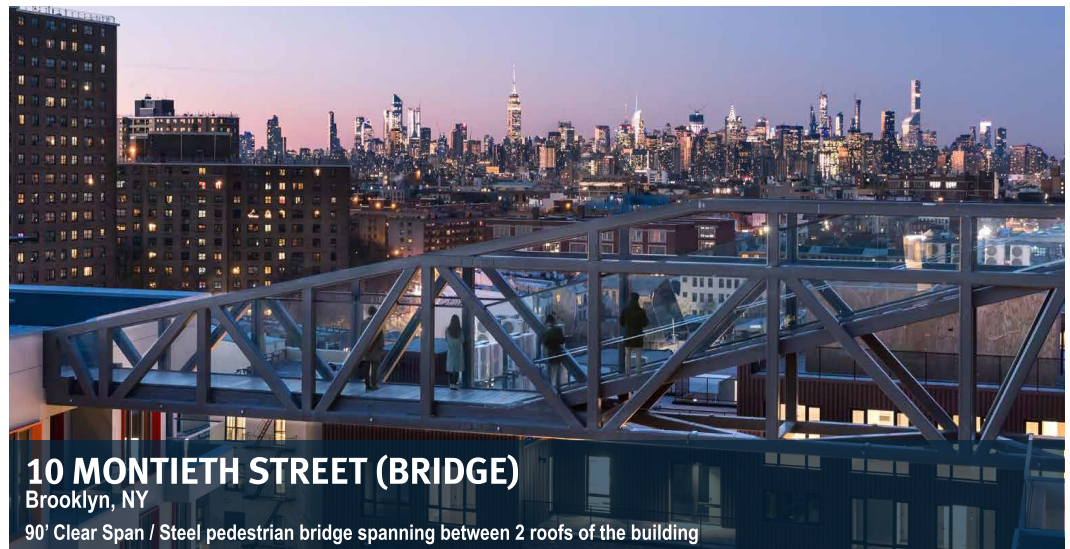
AFFILIATIONS

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

AMERICAN SOCIETY
OF CIVIL ENGINEERS

Mr. Sanford specializes in the design of new ground-up buildings, renovations, expansions and façade systems. His experience as project lead on Titan's most complex and extensive projects includes but is not limited to all coordination with the project consultant team, contractors, and staff to ensure the success of each project. Mr. Sanford is best known for his comprehensive structural design services from concept to construction.

EXPERIENCE



10 MONTIETH STREET (BRIDGE)

Brooklyn, NY

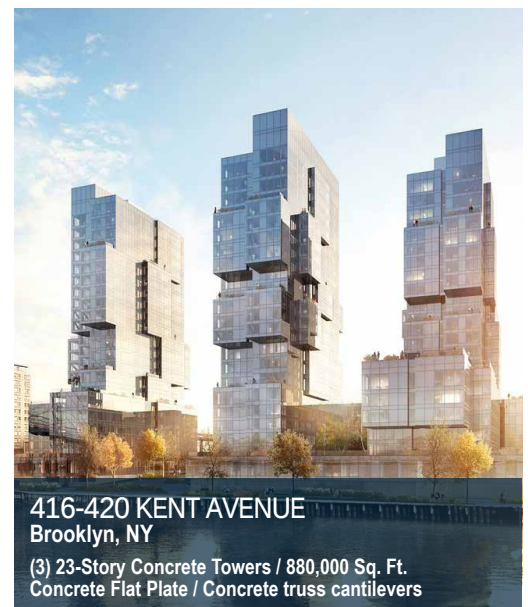
90' Clear Span / Steel pedestrian bridge spanning between 2 roofs of the building



333 SCHERMERHORN

Brooklyn, NY

55-Story Apartment Tower / 620,000 Sq. Ft.
Provided structural consulting for curtain wall facade



416-420 KENT AVENUE

Brooklyn, NY

(3) 23-Story Concrete Towers / 880,000 Sq. Ft.
Concrete Flat Plate / Concrete truss cantilevers

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UNION NJ 07083



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SSANDFORD@TITANENGINEERS.COM



10-27 JACKSON AVENUE
Long Island City, NY

12-Stories / 70,000 Sq. Ft. / Designed concrete structure
located between 2 adjacent MTAsubway lines



329 BROADWAY
Brooklyn, NY

16-Stories / 140,000 Sq. Ft. / Designed distinctive concrete
structure to achieve architectural look



10 MONTIETH STREET
Brooklyn, NY

8-Story Residential Building / 640,000 Sq. Ft. Coordination
+ Design of building's concrete structure



340 EVERGREEN AVENUE
Brooklyn, NY

5-Story Residential Building / 172,000 Sq. Ft.
Concrete transfer slab to maximize parking space



42-30 27TH STREET
Long Island City, NY

18-Story Residential Building / 190,000 Sq. Ft.
Internal Unique Design & Engineering



THE MCCLAREN
104 Wardlaw St, Greenville, SC

8-Stories of light gage framing over a 2-Story cast in place
concrete podium / 423,000 Sq. Ft.



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UNION NJ 07083



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TITANENGINEERS.COM



YAUYEUNG@TITANENGINEERS.COM

EDUCATION

RUTGERS UNIVERSITY

New Brunswick, NJ

BACHELOR OF SCIENCE

Civil Engineering

MASTER OF SCIENCE

Civil Engineering

DOCTORATE

Civil Engineering

CERTIFICATIONS

LICENSED PROFESSIONAL ENGINEER

New Jersey, #45806

New York, #088621

Pennsylvania, #078930

Florida, #88775

AFFILIATIONS

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

AMERICAN SOCIETY
OF CIVIL ENGINEERS

YUBUN (JACK) AUYEUNG PHD PE

SENIOR VICE PRESIDENT + PRINCIPAL

20+ YEARS EXPERIENCE



Dr. Auyeung specializes in the design of ground up high-rise buildings, both in the US and internationally. His experience includes a wide-ranging knowledge of handling existing building renovations and structures while managing stressful situations and keeping to his experienced consulting. Dr. Auyeung is best known for his ability to keep the structural portion of his designs within budget and adherence to the vision of the architectural design.

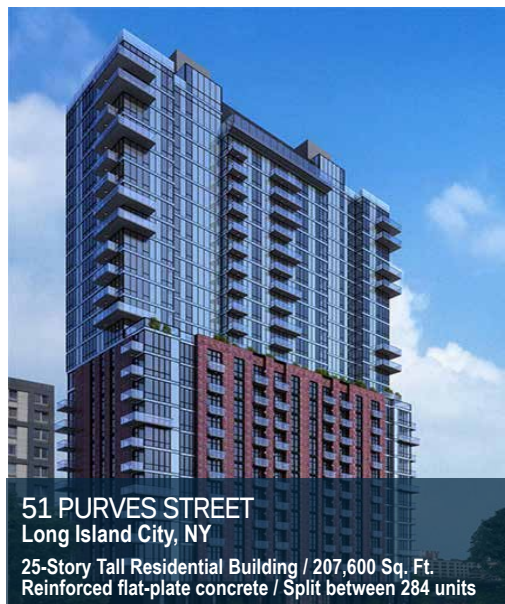
EXPERIENCE



55 WYTHE AVENUE

Brooklyn, NY

20-Story 183-Key Hotel / 200,000 Sq. Ft. Concrete superstructure / 183 Hotel rooms



51 PURVES STREET

Long Island City, NY

25-Story Tall Residential Building / 207,600 Sq. Ft.
Reinforced flat-plate concrete / Split between 284 units



41-21 28TH STREET

Brooklyn, NY

16-Story Apt. Building / 126,700 Sq. Ft.



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YAUYEUNG@TITANENGINEERS.COM

PUBLICATIONS

AMERICAN CONCRETE INSTITUTE

"Bond Behavior of Corroded Reinforcement Bars"

AMERICAN CONCRETE INSTITUTE SPECIAL PUBLICATION

*"Influence of Corrosion on the Bond Behavior
Of Reinforcement Bars"*

PROCEEDINGS OF THIRD INTERNATIONAL CONFERENCE

*"Effects of Corrosion on the Bond Properties
Of Reinforcement Bars"*

YUBUN (JACK) AUYEUNG PhD PE

EXPERIENCE CONTINUED



564 ST. JOHN'S PLACE Brooklyn, NY

8- Story Residential Building / 136,800 Sq. Ft.
Reinforced flat-plate concrete



10 MONTIETH STREET Brooklyn, NY

8-Story Residential Building / 640,000 Sq. Ft. Coordination
+ Design of building's concrete structure



125 BORINQUEN PLACE Brooklyn, NY

7-Story Concrete Residential Building / 90,000 Sq. Ft.
Concrete Superstructure with 7-story glass facade



1134 FULTON STREET Brooklyn, NY

11-Story Residential Building / 200,000 Sq. Ft.
Full story basement w/ storage and in-ground pool



42-30 27TH STREET Long Island City, NY

18-Story Residential Building / 190,000 Sq. Ft.
Internal Unique Design & Engineering



875 4TH AVE Brooklyn, NY

8-Story Residential Development / 144,730 Sq. Ft.
150 Apartments / 4 Recreation Rooms / Rooftop Recreational Terrace



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1331 STUYVESANT AVE
UNION NJ 07083



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ITHIERWECHTER@TITANENGINEERS.COM

ILIANA THIERWECHTER

SENIOR ENGINEER



EDUCATION

STEVENS INSTITUTE OF TECHNOLOGY

Hoboken, NJ

MASTER OF ENGINEERING

Structural Engineering

BACHELOR OF SCIENCE

Civil Engineering

Iliana is a Structural Engineer at Titan Engineers PC. She earned her Bachelor and Master of Engineering in Civil Engineering both while attending Stevens Institute of Technology. Experience includes ground up structural design of mid-rise structures, cold formed steel design, support of excavation (SOE) design, renovations, construction administration. Working at Titan Iliana is best known for her communication and organization skills that she carries from project coordination phase throughout construction. One of her most notably project is 133-25 37th Avenue where she designed a deep support of excavation system to support three underground basement levels.

EXPERIENCE



550 PROSPECT PLACE

Brooklyn, NY

8 Story Mixed-Use Mid Rise Building / 200,000 SF. / Reinforced Concrete System



133-25 37TH AVENUE

Flushing, NY

16 Story Mixed-Use High Rise Building / 315,000 SF. / Reinforced concrete system / Triple Story Basement



8101 3RD AVENUE

Brooklyn, NY

6 Story Mixed-Use Mid Rise Building / 22,000 SF. / Reinforced Concrete System

AFFILIATIONS

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

AMERICAN SOCIETY
OF CIVIL ENGINEERS



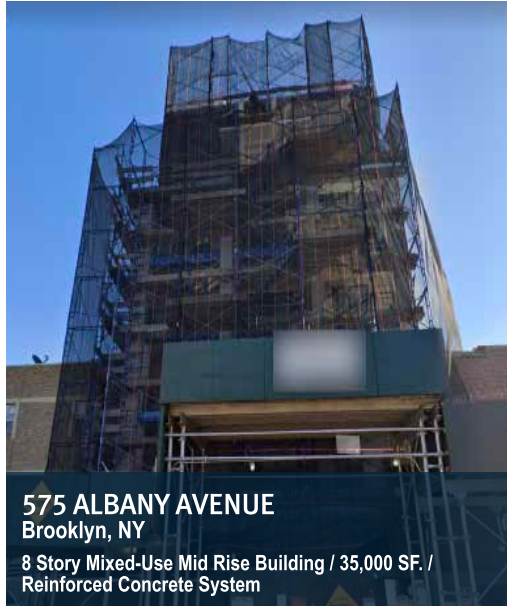
82 4TH AVENUE
Brooklyn, NY

13 Story Mixed-Use Mid Rise Building / 50,000 SF. /
Reinforced Concrete System



26 QUINCY STREET
Brooklyn, NY

6 Story Mixed-Use Mid Rise Building / 40,000 SF. /
Reinforced Concrete System



575 ALBANY AVENUE
Brooklyn, NY

8 Story Mixed-Use Mid Rise Building / 35,000 SF. /
Reinforced Concrete System



649 MARCY AVENUE
Brooklyn, NY

7 Story Residential Mid Rise Building / 15,000 SF. / Reinforced
Concrete System



1365 NOSTRAND AVENUE
Brooklyn, NY

8 Story Residential Mid Rise Building / 25,000 SF. /
Reinforced Concrete System



349 KEAP STREET
Brooklyn, NY

5 Story Residential Mid Rise Building / 16,000 SF. /
Reinforced Concrete System



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UNION NJ 07083



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TITANENGINEERS.COM



JHWANG@TITANENGINEERS.COM

JUNGMIN (SALLY) HWANG

SENIOR ENGINEER



EDUCATION

LEHIGH UNIVERSITY

Bethlehem, PA

BACHELOR OF SCIENCE

Civil Engineering

BACHELOR OF SCIENCE

Integrated Business & Engineering

Sally is a Senior Engineer at Titan Engineers PC. She earned her Bachelor of Science in Integrated Business and Engineering, with a Concentration in Civil Engineering, while attending Lehigh University. She has experience in designing concrete podiums, superstructure design, and the design of mid-rise concrete & light-gauge residential buildings. When she is not working, Sally enjoys a broad range of activities such as baking, hiking, and snowboarding.

EXPERIENCE



92 STOCKTON STREET

Brooklyn, NY

9-Stories w/ Cellar / 71,000 Sq. Ft. / Mixed-use commercial & residential concrete building. Twin building w/ 659 Marcy Ave.



659 MARCY AVENUE

Brooklyn, NY

9-Stories w/ Cellar & Subcellar / 71,000 Sq. Ft. / Mixed-use commercial & residential. Twin building w/ 92 Stockton.



5501 NEW UTRECHT AVENUE

Brooklyn, NY

8-Stories w/ Cellar / 21,000 Sq. Ft. / Mixed-use concrete building by MTA line

AFFILIATIONS

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

AMERICAN SOCIETY
OF CIVIL ENGINEERS

TAU BETA PI -
ENGINEERING HONORS SOCIETY

CERTIFICATIONS

EIT-03838

NJ OFFICE

1331 STUYVESANT AVE
UNION NJ 07083



908 624 0044



TITANENGINEERS.COM



JHWANG@TITANENGINEERS.COM

JUNGMIN (SALLY) HWANG

EXPERIENCE CONTINUED



THE MCCLAREN

Greenville, SC. 322 Rhett Street

10-Stories / 428,000 Sq. Ft. / Mixed-used commercial & residential. Light-gauge and open steel joist framing.



1010 PACIFIC STREET

Brooklyn, NY

9-Stories w/ Cellar / 145,000 Sq. Ft. / Mixed-use concrete building w/ double-story lobby area.



55-57 LYNCH STREET

Brooklyn, NY

5-Stories w/ Cellar / 9,600 Sq. Ft. Per building / Residential, twin buildings sharing a wall in the middle.



179 MAIN STREET

Port Chester, NY

5-Stories w/ Cellar / 240,000 Sq. Ft. / Mixed-use commercial & residential building. Light gauge framing on top of concrete.



1 VANDERBILT AVENUE

Pleasantville, NY

3-Stories w/ Cellar / 94,000 Sq. Ft. / Residential building w/ timber framing on top of concrete podium



590 EAST 182ND STREET

Bronx, NY

7-Stories / 23,000 Sq. Ft. / Mixed-use building



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KSCHULTHEIS@TITANENGINEERS.COM

EDUCATION

LAFAYETTE COLLEGE

Easton, PA

BACHELOR OF SCIENCE

Civil Engineering

AFFILIATIONS

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

AMERICAN SOCIETY
OF CIVIL ENGINEERS

AMERICAN INSTITUTE OF STEEL CONSTRUCTION

KARI SCHULTHEIS

SENIOR ENGINEER



Kari is a Structural Engineer at Titan Engineers PC. She earned her Bachelor of Science in Civil Engineering with a minor in Economics from Lafayette College. Her experience includes the design of reinforced concrete, structural steel, cold-formed steel structures, and the design of support of excavation systems for construction of new structures and renovation projects. Her specialties include the design of low-rise to high-rise buildings for residential, commercial, retail, parking, and mixed use buildings. Her hobbies include: scuba diving, hiking, and riding roller coasters.

EXPERIENCE



1640 FLATBUSH AVENUE

Brooklyn, NY

13-Story + Cellar Mixed-Use Building / 197,000 Sq Ft. / 3rd Floor & Rooftop Outdoor Terrace Spaces



1185 FLUSHING AVENUE

Brooklyn, NY

9-Story + Cellar Mixed-Use Building / 180,000 Sq Ft. /
2.5-Story Event Space below Hotel Structure



101 MACOMBS PLACE

Brooklyn, NY

7-Story + Cellar Residential Building / 30,000 Sq Ft. /
Foundation Supported on Sloping Rock and Soil

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KSCHULTHEIS@TITANENGINEERS.COM

KARI SCHULTHEIS

EXPERIENCE CONTINUED



26-35 3RD STREET Queens, NY

8-Story Mixed-Use Building / 113,00 Sq Ft. / Parking level at
2nd Floor above Retail Space



1428 FULTON STREET Brooklyn, NY

Window Glass and Frames for 11-Story Mixed-Use Building
with two Towers



28 MIDDLETON STREET Brooklyn, NY

7-Story Mixed-Use Building / 60,000 Sq Ft. / Reinforced
Concrete Structure & Support of Excavation



859 MYRTLE AVENUE Brooklyn, NY

10-Story + Cellar Mixed-Use Building / 154,000 SF / Cold-Formed
Steel Structure with Irregular Window, Door, and Balcony Locations



1458 FLATBUSH AVENUE Brooklyn, NY

8-Story + Partial Cellar Mixed-Use Building / 60,000 Sq Ft.
/ Reinforced Concrete Superstructure & Foundation



391 MEEKER AVENUE Brooklyn, NY

4-Story + Partial Cellar Residential Building / 10,000 Sq Ft. /
Cold-Formed Steel Structure on Concrete Foundation



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PMUNG@TITANENGINEERS.COM

PAA V MUNG

STRUCTURAL ENGINEER



EDUCATION

CORNELL UNIVERSITY

Ithaca, NY

BACHELOR OF SCIENCE

Civil Engineering

Paa is a Structural Engineer at Titan Engineers PC. He earned his Bachelor of Science in Civil Engineering from Cornell University. He is knowledgeable in concrete, steel and wood structure designs and the analysis and design of new buildings as well as building renovations and segmental block retaining wall designs. Paa has experience working with commercial, residential, educational, and mixed-used buildings. When he is not working, he enjoys watching thriller movies and soccer games, traveling to new places and experiencing different cultures. He has an intense interest in astronomy and stargazing.

EXPERIENCE

AFFILIATIONS

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

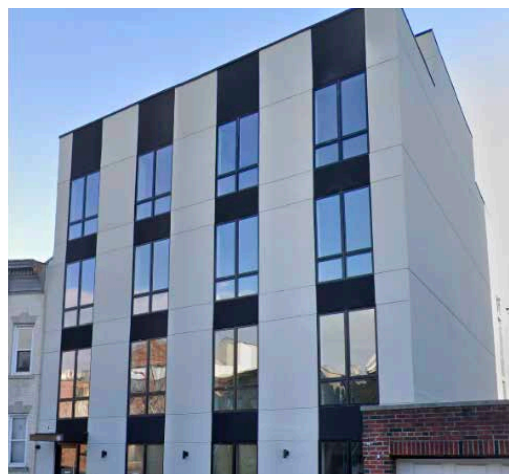
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OF CIVIL ENGINEERS



296 WYTHE AVENUE

Brooklyn, NY

6-Story Cellar Residential / Commercial building / 60,000 Sq Ft. / Reinforced Concrete Structure



19 E 31ST ST

Brooklyn, NY

4-Story partial basement and penthouse residential building / 8,500 Sq Ft. / Reinforced concrete structure



NORTHPORT HOTEL + PARKING STRUCTURE

Northport, NY

3-Story Commercial Building + 2-Story Parking Garage / 22,000 Sq Ft. Hotel + 12,000 Sq Ft. Parking / Concrete Foundation w/ structural steel podium SS hotel

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TITANENGINEERS.COM



PMUNG@TITANENGINEERS.COM

PAA V MUNG

EXPERIENCE CONTINUED



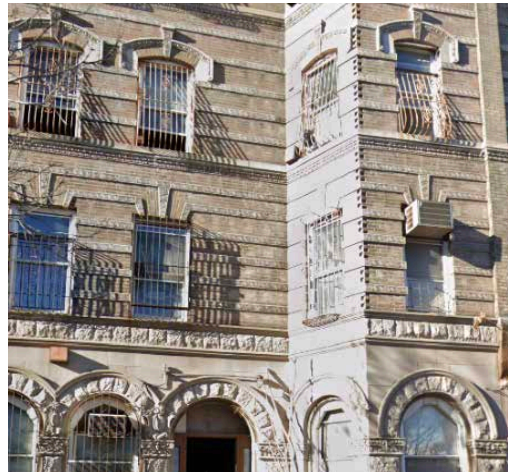
519-521 SARATOGA AVENUE
Brooklyn, NY

4-Story Cellar and Penthouse Residential Building / 15,000 Sq. Ft. /
Reinforced Concrete Foundation with Structural Steel Superstructure



257 W 4TH STREET
New York, NY

3-Story Cellar and Penthouse Residential Building / 5,000 Sq Ft. /
Building Renovations with horizontal rear extension + penthouse



135 HEYWARD STREET
Brooklyn, NY

4-Story Cellar Residential Building / 13,400 Sq Ft. /
Structural Steel Floor Framing Building Renovations



AT&T - 811 10TH AVENUE
New York, NY

21-Story / Building Renovations and Design of Structural
Supports for Mechanical Equipment



ENVIRONMENTAL EDUCATION CENTER
Hempstead Lake State Park - Hempstead, NY

3,250 Sq Ft. Wall Face / Mechanically Stabilized Earth
(MSE) Segmental Block Retaining Wall



10 EXTER COURT
Eatons Neck, NY

1,750 Sq Ft. Wall Area / Residential Two Tired Gravity Earth
Segmental Block Retaining Wall



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NBRASTOW@TITANENGINEERS.COM

NATHANIEL (NATE) BRASTOW

STRUCTURAL ENGINEER



EDUCATION

LAFAYETTE COLLEGE

Easton, Pennsylvania

BACHELOR OF SCIENCE

Civil Engineering (Minor in Architectural Studies)

Nate is a Structural Engineer at Titan Engineers PC. He earned his Bachelor of Science in Civil and Environmental Engineering at Lafayette College. He prides himself on being both detail oriented and a quick learner. He is experienced working with various building types including concrete, steel, CFS, and wood structures. When he is not working, he enjoys athletic activities such as playing soccer and is a welcome addition to the team.

EXPERIENCE



171 CALYER STREET

Brooklyn, NY

6-Story Mixed-Use Concrete Building with Cellar Level Parking, First Floor Retail + Residences / 65,000 Sq. Ft.



50 LAWRENCE AVENUE

Brooklyn, NY

6-Story Concrete School Building, Gym in Subcellar,
Dining Hall in Cellar, Synagogue 1st floor / 63,000 Sq Ft.



101 LIBERTY AVENUE

Brooklyn, NY

8-Story Mixed-Use Concrete Building / 48,000 Sq. Ft.

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UNION NJ 07083



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TITANENGINEERS.COM



NBRASTOW@TITANENGINEERS.COM

NATHANIEL (NATE) BRASTOW

EXPERIENCE CONTINUED



1402 40TH STREET
Brooklyn, NY

One Story Addition to Existing 4-story School Building /
Structural Steel Columns + Beams with Steel Joists



17 LEXINGTON AVENUE
Brooklyn, NY

Demo and Renovation of Existing 4-Story Residential
Building / 54,000 Sq. Ft



1640 FLATBUSH AVENUE
Brooklyn, NY

13-Story Mixed-Use Concrete Building / 197,000 Sq. Ft.



67 VESTRY STREET
New York, NY

12-Story Mixed-Use Building / Cold Formed Steel Walls



PIER 57 HUDSON RIVER GREENWAY
New York, NY

Isolated slab design for Pier Entertainment Venue



4508-4510 16TH AVENUE
Brooklyn, NY

Renovations to 5-Story Mixed-Use and Existing 4-Story
Building



NJ OFFICE

1331 STUYVESANT AVE
UNION NJ 07083



908 624 0044



TITANENGINEERS.COM



KBAST@TITANENGINEERS.COM

EDUCATION

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

Champaign, Illinois

BACHELOR OF SCIENCE

Civil and Environmental Engineering

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge, Massachusetts

MASTER OF ENGINEERING

Civil and Environmental Engineering

KARLY M BAST

STRUCTURAL ENGINEER



Karly is a Structural Engineer at Titan Engineers PC. She has earned both a Masters and Bachelors in Civil and Environmental Engineering. She prides herself on being detail oriented, organized, being a great communicator while having an overall positive attitude. She is experienced working with large steel grid-shells as well as high seismic areas as well as mixed-use concrete buildings, segmental block and cast-in-place retaining walls. When she is not working, she enjoys athletic activities such as snowboarding, mountain biking, running and tennis.

EXPERIENCE



AVALON PARK AND PRESERVE

Head of the Harbor, NY

12ft High / 3,500 Sq. Ft. / Cast in place retaining wall



402 MOTHER GASTON BOULEVARD Brooklyn, NY

13-Story Mixed-Use Residential Building / 93,000 Sq. Ft.
62 Dwelling Units / 4-level Parking Stackers to maximize parking



95-22 147TH PLACE Queens, NY

10-story mixed use concrete building / 105,000 Sq. Ft.



NJ OFFICE

1331 STUYVESANT AVE
UNION NJ 07083



908 624 0044



TITANENGINEERS.COM



KBAST@TITANENGINEERS.COM

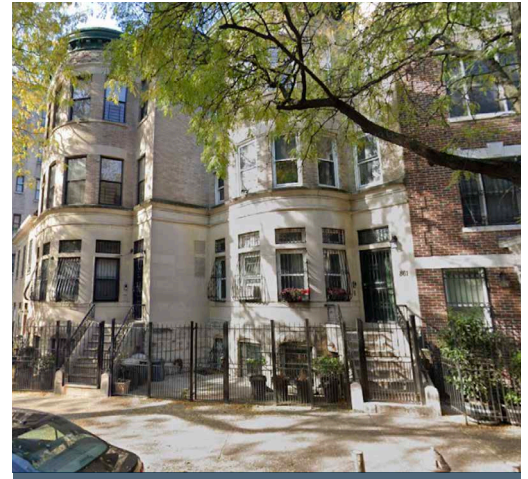
KARLY M BAST

EXPERIENCE CONTINUED



118 HOPE STREET
Brooklyn, NY

7-story mixed concrete building / Supplemental steel for glass storefront



857 RIVERSIDE DRIVE
New York, NY

13-story mixed use concrete building / 34,000 Sq. Ft.



35 KINGSTON AVENUE
Brooklyn, NY

7-story mixed use concrete building / 19,000 Sq. Ft.



362 SHEPHERD AVENUE
Brooklyn, NY

7-story mixed use concrete building / 51,000 Sq. Ft.



41-52 GRAHAM AVENUE
Brooklyn, NY

6-story mixed use concrete building / 42,000 Sq. Ft.



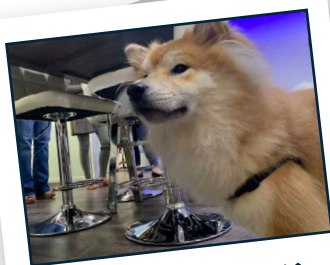
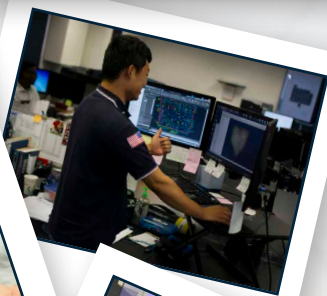
180 E 132ND STREET
Bronx, NY

15-story mixed use concrete building / 220,000 Sq. Ft.

TITAN CULTURE



COFFEE CLUB



DOG FRIENDLY

MULTICULTURAL ENVIRONMENT

What would Titan be without a multicultural and lively environment. From our engineers, down to our pets, we make sure to remain festive.

FUN FACT: Titan Engineers has one of the highest female to male ratios in the engineering field.

SOCIAL GATHERINGS

Great family fun to make sure we keep our Titan bond strong. We cover everything from Ski Trips, to Theme Parks, to Game Nights, to BBQs, Escape Rooms, and Holiday Parties.



BBQ DAY



SKI TRIP



ESCAPE ROOM



NERF WARS



POOL NIGHT

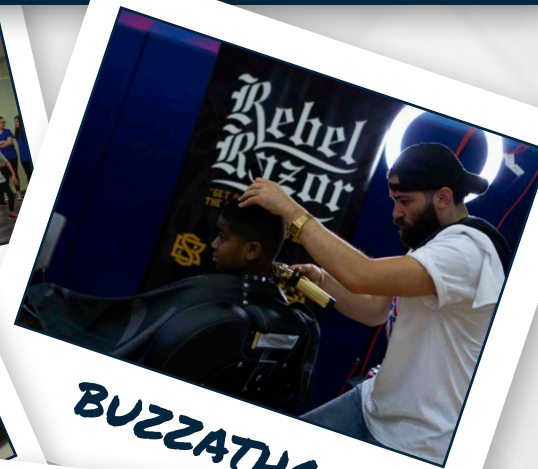
IN-HOUSE ENTERTAINMENT

There is always room to take a break and whip out your Nerf Guns for a quick match, or shoot a game of pool!

TITAN CULTURE

PHILANTHROPIC

Titan for Others is our *charitable* branch that allows for us to give back to the community.



BUZZATHON



CHARITY EVENTS



HOLIDAY PARTY



DORNEY PARK



STAR WARS NIGHT

WE'RE ALL FAMILY

We at Titan have a strong bond with each other. To reflect our company structure we make sure that our families feel both welcomed and at home.

COMPANY STRUCTURE

Titan Engineers is the largest structural engineering company headquartered in New Jersey.



OFFICE

THE TITAN NEXUS | TOP STORIES

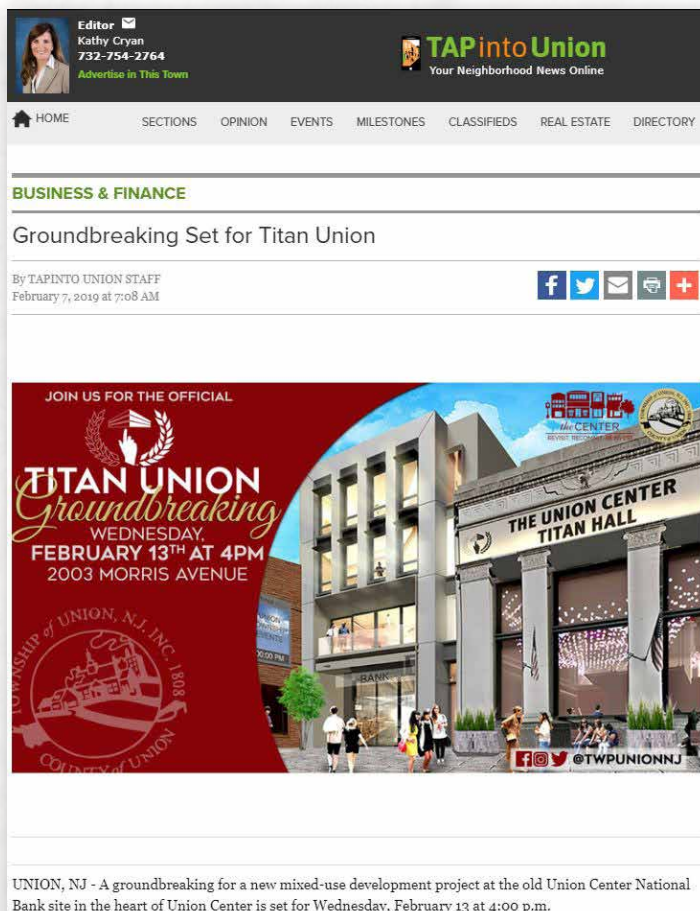
TITAN UNION GROUNDBREAKING

A groundbreaking for a new mixed-use development project at the old Union Center National Bank site in the heart of Union Center.

The Titan Union project aims to incorporate and preserve the historic Union Center National Bank through adaptive reuse, according to the Union Special Improvement District. The development, designed by Titan Engineers PC, includes a three-story addition above the existing renovated office and retail space with new co-working offices, 43 residential units and a community/event center.

The full article can be found at:

<https://tinyurl.com/TITAN-TapIntoArticle>



The screenshot shows the TAPintoUnion website interface. At the top, there's a header with the site logo and navigation links. The main article is titled "Groundbreaking Set for Titan Union" and is dated February 7, 2019. Below the title is a large image of the proposed "THE UNION CENTER TITAN HALL" building. To the left of the building image is a red graphic with the text "JOIN US FOR THE OFFICIAL TITAN UNION Groundbreaking WEDNESDAY, FEBRUARY 13TH AT 4PM 2003 MORRIS AVENUE". At the bottom of the article, there's a caption: "UNION, NJ - A groundbreaking for a new mixed-use development project at the old Union Center National Bank site in the heart of Union Center is set for Wednesday, February 13 at 4:00 p.m."



THE TITAN NEXUS | TOP STORIES

BACK TO SCHOOL BUZZATHON

Titan Engineers PC hosted Buzzitforward's first ever Back to School BUZZATHON at the Boys & Girls Club of Union September 2, 2019. Buzzathon, a term coined by the Buzzitforward founder, is a 10-hour sponsored haircut marathon where local barbers and stylists provide haircuts and mentoring services to kids in the community. Through the partnership with Titan, the event covered by PixChannel 11 news, sponsored over 70 haircuts for the start of the school year.

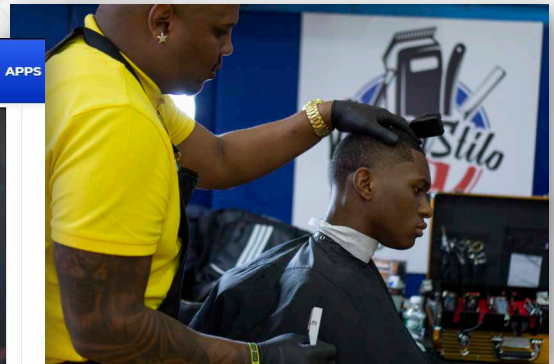
The BuzzitForward Initiative is the first program of its kind created to help provide sponsored-pre-paid haircuts and mentoring services for kids' ages 7-17, who have exemplified outstanding academic improvements or public service throughout their community. Titan Engineers, The Boys & Girls Club of Union and Adidas, just to name a few, are proud sponsors dedicated to ensuring that our kids look good, so they feel good and in turn, do good in their neighborhoods.

To view the full Buzzathon experience, please visit: [Buzzitforward.com](https://buzzitforward.com).



UNION, NJ — Students head back to school Tuesday and many will start class with a new haircut compliments of the Boys & Girls Club.

The organization partnered with the local engineering group Titan Engineers to kickoff the first ever Back to School Buzzathon: a 10-hour haircut marathon where children from the community received free haircuts ahead of the first day of school



THE TITAN NEXUS | TOP STORIES

A WORD FROM THE MAYOR OF UNION TOWNSHIP

Michele Delisfort, the mayor of Union Township in NY, met with Comcast Newsmakers to touch upon the need for redevelopment in Union. Historically, Union has always been a place that values history and culture, consistent with Titan Engineers' views. Although the township has remained lively, there have been noticeable vacancies and eyesores around the community, the former bank of union being one of them.

To that end, Titan Engineers has stepped in to adapt and reuse the structure, transforming it into Titan Union, a multiple-use facility in the form of residential units and collective office spaces.

In the interview, Mayor Delisfort recognizes Titan Engineers' ability to design structurally sound buildings which will in turn generate foot traffic and residential interaction throughout the community of Union and surrounding areas. The project is scheduled to be completed in 2021.



THE TITAN NEXUS | TOP STORIES

A WORD FROM NICK WONG AT RUTGERS UNIVERSITY

“Rutgers gave me the basis for what I need to do at work every single day.”
– Nicholas C. Wong

Titan Engineers founder and president Nicholas (Nick) Wong earned his B.S. in Civil Engineering and his M.S. in Structural Engineering at Rutgers. After working for several engineering firms, he established Titan Engineers in 2005 (www.titanengineers.com). The firm, which has offices in Union, New Jersey and Hauppauge, New York, is a 2018, 2019 and 2020 winner of the NJBIZ “Best Places to Work in New Jersey” award. Taking a “hands-on” approach at Titan, Wong regularly serves as chief engineer on projects ranging from building investigations and structural condition surveys to structural engineering design services for a diverse group of clients.

To find out more about Nick Wong and his experience, please visit: TitanEngineers.com

RUTGERS School of Engineering

Alumni Spotlight: Nicholas C. Wong, PE, ENG'98, GSNB'99



“Rutgers gave me the basics for what I need to do at work every single day.”
Nicholas C. Wong

Titan Engineers founder and president Nicholas (Nick) Wong earned his B.S. in civil engineering and his M.S. in structural engineering at Rutgers. After working for several engineering firms, he established Titan Engineers in 2005. The firm, which has offices in Union, New Jersey and Hauppauge, New York, is a 2018 winner of the NJBIZ “Best

Places to Work in New Jersey” award. Taking a “hands-on” approach at Titan, Wong regularly serves as chief engineer on projects ranging from building investigations and structural condition surveys to structural engineering design services for a diverse group of clients.

What else did you learn at Rutgers?

Rutgers gave me the basics -- and provided me with a foundation -- for what I need to do at work every single day.

What did you do after you graduated?

I started working three days after graduating with my master's degree. I'd been in school for 18 years and was eager to get to my career started. I worked for a total of three engineering firms before starting Titan.

What inspired you to found Titan Engineers?

For entry-level engineers at established companies, I discovered it can be hard to have your voice heard and difficult to change the status quo. I wanted to work for a company that was adaptable, modern, state-of-the-art, and able to change with the times.

So I created the company I'd always wanted to work for, where all employees are heard and that is able to adapt to changes in markets and the economy. I wanted to work for a company where everyone was a friend and part of a family -- and where everyone could speak their mind without repercussions.

I've been told Titan is a place where people feel like they are hanging out together all day long and accomplishing goals together. It's a great team atmosphere, which is why I'm so proud we are a winner of the NJBIZ 2018 Best Places to Work in New Jersey award. It's an award based on how Titan employees feel about how they are supported and treated.

TESTIMONIALS



“ I always call Titan for all my engineering requirements... Titan has always been there for me when I need help with engineered drawings and calculations. Very professional and knowledgeable. Good to their word, you get what is commit to within the agreed time frame... Always. ”

-John McDonagh | Project Manager



“ We have had the opportunity to partner up with Titan Engineers PC since 2014. To this day we are working with Titan Engineers on numerous projects. With their proficiency and dedication, we successfully completed all of our past projects in a time efficient manner and achieved total structural satisfaction. YNH construction can attest to the quality and professionalism of their work and the level of service their corporation provides. I firmly believe that Titan Engineers PC is an asset to any project they are involved in. ”

-Nick Hershkowitz | President



PDG BUILDING CONSULTANTS
LLC

“ I’ve been working with Titan Engineers for several years now. Their design, knowledge, and ability to communicate has made PDG Building Consultants shine as an Expediter. It is always a relief when you know Titan Engineers is a part of your team. ”

-Zev Heisler | Founder



“ Titan has been a reliable, trusted source for structural engineering services for us, always delivering a quality product in a timely manner with practical solutions! ”

-Laurence W. Keller PE | Principal



Voted Best Places
To Work