

# DRPILLA

DOMINICK R. PILLA ASSOCIATES

CONSULTING ENGINEERING

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## THE COMPANY

*Our focus is the practice of general building engineering and through which we provide an imaginative and responsive approach to spatial problems involving the built environment. We are a diversified group of building professionals able to provide comprehensive services. Our experience in varied types of projects allows us to provide a unique professional service not commonly offered.*

*Our goal is to provide the highest quality of service to our clients. We understand the importance of developing and implementing creative solutions that are in the best interest of our clients and their undertaking. We*

*approach each project with the experience and methods needed to successfully bring our clients' needs to fruition. We have developed a tradition of highly successful projects because of our design and problem solving capabilities, technological ability and management skills.*

*With an approach emphasizing creativity, quality management and teamwork, DRPILLA brings a commitment to the highest standards of design and construction to every project as precipitated by the professional societies in our field.*



**DOMINICK R. PILLA**  
PE, CE, SE, RA

Dominick R. Pilla is an engineer and an architect and founder of DRPILLA. Pilla has served as Principal-in-Charge of all of the firm's major projects since the firm's inception in 1999. As a result of his training and experience as both architect and engineer, he is sensitive to technical design issues and project

aesthetics. This distinctive blend of abilities provides a unique perspective to each project the firm undertakes. Pilla is a hands-on design principal and remains involved throughout the project. He works closely with the project managers to ensure the projects' goals and client's needs are met.



# STRUCTURAL ENGINEERING

Our extensive structural design experience and diversified abilities allow us to provide structural solutions that are creative, economical and constructible. We strive above all to be responsive to our clients, respectful of their architectural designs, budgetary and scheduling objectives.

DRPILLA has been responsible for the structural designs of office buildings, hotels, residential, educational, performing arts, sports and healthcare facilities.

## OUR PRIMARY STRUCTURAL ENGINEERING SERVICES CONSIST OF THE FOLLOWING

- Analysis, Design, and Documentation
- New Building Design
- Renovations and Conversions
- Structural Additions/Alterations/Repairs
- Foundation Design
- Feasibility Studies
- Condition Inspection and Assessments
- On-call Engineering Services
- Due Diligence Reports
- Risk Assessment
- Peer Review and Forensics
- Value Analysis
- Litigation Assistance
- Special Inspections

## WE ALSO SPECIALIZE IN THE FOLLOWING

- Light Weight Long-Span Construction
- Tension Fabric Analysis and Design
- Fabric Patterning and Detailing
- Curtain Wall Analysis and Design
- Structural Roof Skylight Design
- Glass Analysis and Design
- Vibration and Optical Monitoring



# SITE/CIVIL ENGINEERING

We provide comprehensive site/civil engineering services which assist owners and developers in the process of creating a viable project. This often involves the ability to see projects through the processes of zoning approvals, easements, and variances, which our diversified staff of engineers is well qualified to complete. We also provide engineering review services for local municipalities as required. These services are predominantly focused on the review of plans and calculations for proposed drainage solutions for particular sites.

## OUR FULL RANGE OF SITE/CIVIL ENGINEERING SERVICES INCLUDE THE FOLLOWING

- Site Planning and Layout
- Drainage Studies and Design
- Erosion Control Design
- Storm Water Management Design
- Feasibility Studies
- Parking and Exterior Lighting Design
- Zoning Analysis and Permitting
- Subdivision Design



# GEOTECHNICAL ENGINEERING

DRPILLA provides geotechnical engineering services in the specialty of earthwork and foundation engineering to offer solutions for soil, rock, and groundwater problems as they relate to our client's needs. This allows us to understand how each element will correspond to the proposed construction and enables us to best advise our clients on how to proceed. Due to the nature and scope of our projects, we are often asked to perform geotechnical analysis to best determine future foundation, structural, and civil design aspects of the job at hand.

## OUR PRIMARY GEOTECHNICAL ENGINEERING SERVICES CONSIST OF THE FOLLOWING

- Subsurface Investigations
- Soil Analysis
- Underpinning Design
- Foundation Analysis and Design
- Deep Foundation Design
- Shallow and Floating Foundation Design
- Steep Slope Stabilizations





# PEER REVIEW & FORENSICS

DRPILLA's expertise in all areas of structural and civil engineering allows us to provide insightful and often necessary peer review and forensic engineering services to our clients. The reasons for any design failure are extensive and at times complex, but allowing for proper investigation is critical to finding the appropriate solutions.

## OUR PRIMARY PEER REVIEW AND FORENSIC SERVICES CONSIST OF THE FOLLOWING

- Comprehensive Review of Proposed Structural Design
- Performed Concurrently or Post Design
- Failure Inspection and Analysis
- Deficiency Investigation and Assessment
- Non-Destructive Testing
- Construction Claim Reviews

HOTEL  
Nyack, NY

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# SUSTAINABLE DESIGN

Intelligent building, and energy efficiency has long been an integral part of DRPILLA's design focus. A sustainable building incorporates natural systems that range from the use of daylight to fresh water and is designed with primarily natural materials. Understanding how to properly sync the building to its surroundings is ultimately about being environmentally responsible.

**WE PROVIDE ENERGY AND RESOURCE EFFICIENCY SERVICES FOR COMMERCIAL, MULTI-FAMILY, AND SINGLE FAMILY BUILDINGS. THESE SERVICES INCLUDE THE FOLLOWING**

- Building System Assessment
  - Green Materials and Products Specifications
- Green Building Commissioning
- LEED Assessments and Certification
- Indoor Air Quality Analysis and Testing
- Solar and PV Design and Engineering
- Preparation of Green Guidelines and Performance Criteria





# CONTACT US



DRPILLA welcomes inquiries and projects of various sizes and scopes. Our multidisciplinary staff looks forward to the opportunity to engineer your next great idea.

Contact Elise Martos at [elisem@drpilla.com](mailto:elisem@drpilla.com) for further information regarding our firm, all new business and marketing inquiries.

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