



Intelligent design solutions for the built environment

Collado Engineering was founded in 1999 as a mechanical/electrical engineering firm serving the Tri-State area. Based in White Plains, NY, we are a Minority Business Enterprise certified by New York State, New York City and the region's major agencies. We have been associated with an impressive roster of private companies and public organizations in virtually every market sector.

Our goal has been and continues to be straightforward: deliver value to our clients and to society as a whole. In our experience, the best outcomes are those that derive from a close collaboration with all project stakeholders. For our part, we bring a combination of the latest technology and methods and the old-fashioned values of respect, diligence and perseverance. We consider it a privilege to provide our services.

Responsibility. Respect. Reliability.

Over the years Collado Engineering has become widely regarded for our ability to achieve full understanding of a project's requirements—and to follow through with uniquely tailored solutions. We do this through an approach that has been vetted over time. We listen. We question. We observe. Ours is a review-and-refine mindset, based on the idea that the right solution emerges only after all project needs have been considered.

Collado principals and staff are intimately involved in the design process from inception. We serve the client as advisor, champion, collaborator—an advocate with our client's interests at heart. Stepping outside the MEP box, our view is wide and long. We focus not only on satisfying our clients, but our clients' clients, the ultimate users of the facilities being built, and all stakeholders the project may affect.

“Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skillful execution; it represents the wise choice of many alternatives, the cumulative experience of many masters of craftsmanship. Quality also marks the search for an ideal after necessity has been satisfied and mere usefulness achieved.”

John Ruskin

Our Mission

To do work of expert quality that creates value for our clients and benefits the broader society.

Our Vision

To be the firm of choice—the go-to firm—recognized for our capacity to understand the project’s requirements and the ability to uncover options that maximize value.

Our Work

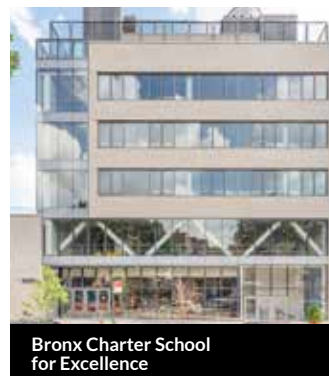
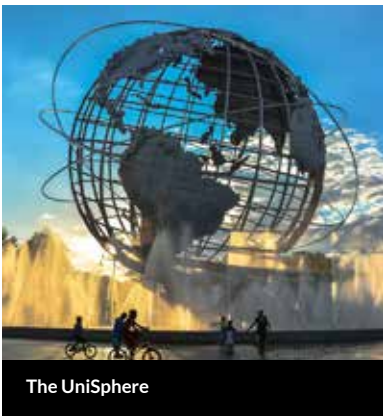
Collado has had the privilege of working with an excellent roster of clients—some large, renowned public entities, others of a more local and private nature. Our work ranges from highly specialized facilities for research, healthcare or data processing to educational, commercial, hospitality, retail and residential projects. We provide design expertise that delivers value for our clients and the public at large.

We’re experienced in all project types, from ground up to renovation to adaptive reuse, in virtually every market sector:

Commercial/Office
Cultural/Recreational
Educational
Food Service
Government/Agency

Healthcare/Laboratories
Historic/Landmark
Hospitality
Mission Critical
Places of Worship

Residential
Retail
Special Projects
Utilities/Infrastructure/Central Plant
Warehouse/Manufacturing



Our Services

Collado's scope of services reflects our founding philosophies and commitment to the future. As engineers, it is our professional responsibility to conserve resources, protect the environment and enhance the society in which we live by providing sustainable, energy efficient HVAC, electrical, plumbing and life safety systems that keep building inhabitants comfortable, safe and productive.



Mechanical

- Heating, Ventilating and Air Conditioning (HVAC)
- Advanced Technologies (Radiant, UFAD, Displacement Ventilation)
- Ultra-Low Energy Systems
- Thermal Storage
- CHEM/Bio-Hazard Mitigation
- Building Automation Systems and Controls



Electrical

- Service and Distribution
- Emergency/Standby Power
- Equipment Connections
- Grounding/Lightning Protection
- Shielding
- Uninterruptible Power Supply (UPS)
- Cogeneration



Plumbing

- Sanitary Sewer
- Storm Drainage
- Domestic Water
- Natural Gas
- Clinical and Laboratory Piped Services
- Water Conservation and Recovery



Energy/Environmental Compliance

- Computer Modeling and Analysis for Building Energy Performance and Efficiency
- Renewable Energy Technologies
- Peak Reduction and Energy Conservation Enhancement Techniques
- Critical Reliable Infrastructure and Distribution
- Sustainability Analysis & Design
- Energy Audits/Benchmarking
- Funding Opportunities
- LEED® Certifications



Lighting Design

- Interior Lighting
- Exterior and Landscape Lighting
- Dimming and Controls



Fire Protection

- Wet and Dry Fire Suppression
- Clean Agent Fire Suppression
- Chemical Fire Suppression
- Fire Alarm and Detection Systems
- Smoke Control/Exhaust



Information Technologies

- Voice and Data Communications
- Video Distribution
- Audio/Visual



Project Management

- Budget Development
- Milestone Schedule Preparation
- Project Phasing Review
- Pre-Qualification of Bidders
- Pre-Bid Meetings
- Bidding and Award
- Procurement Management
- Project Meeting Coordination
- Progress and Status Reporting
- Tracking Project Schedules
- Punch List Development and Tracking
- Coordination of Equipment Start Up, Training and Documentation
- Project Close-Out



Commissioning

- Peer Review of Systems during Design
- Preparation of Commissioning RFP
- Performance Testing of Systems
- Level 5 Critical Systems Testing



Security

- Access Control
- Video Surveillance
- Perimeter Monitoring



Specialty Services

- Master Planning & Phasing
- Evaluation of Existing Systems' Condition
- Forensics Investigations/Trouble shooting
- Peer Review/Value Engineering



Infrastructure

- Assessment of Utility Services, Loads and Tariffs
- Negotiation with Utility Providers
- Master Planning and Utility Distribution Design

Our Clients

We work very hard to be attentive and responsive. We resist the tendency for standardized, one size fits all answers, and strive to understand and support each client's specific objectives. We bring a custom-tailored approach to each project. We believe we are more successful than most firms at meeting their expectations, but no matter how we try to convey this, it is not as meaningful as hearing it in the client's own words.



"St. Margaret's House, a 251-unit affordable housing community serving older adults in Lower Manhattan, has enjoyed a long partnership with Collado Engineering. They have worked on several projects for us, from ensuring compliance with NYC Local Laws 84 and 87 to serving as consultants on upgrades of our fire alarm and electrical systems. We appreciate their absolute expertise and professionalism, as well as their sensitivity to our resident population."

Claire Guerette, St. Margaret's House

"I have worked with Collado Engineering for 13 years. They are my go-to MEP Engineering firm for complex projects at Intrepid ranging from our shuttle pavilion to a cogeneration plant onboard a WWII aircraft Carrier. They have consistently delivered first rate work and project oversight on time and under budget."

Matt Woods, Intrepid Sea, Air & Space Museum



"We have worked with Collado Engineering for many years and with great success on diverse projects, including hotels, restaurants, dormitories, and medical facilities. We have found Collado to be the perfect size engineering firm with the right expertise; large new-build projects are not too big for them, but smaller boutique projects are not too small. The partners are highly involved in projects during all phases."

Paul Taylor, AIA, President, STONEHILL TAYLOR

"As a mechanical contractor with over 25 years of commercial and industrial business experience, it is a professional pleasure to bid and build projects developed by the MEP design team at Collado Engineering. Their attention to detail provides contractors with clear and concise engineering instructions by eliminating any need for bidding guesswork or contract change orders to complete the intended scopes of work, ultimately benefiting the client."

Richard J. Lambert, Prime Mechanical Systems, Inc.



Representative Clients

ABC Realty	Growing Up Green Charter School	St. Margaret's House
Architectura	iSTAR Financial	State University Construction Fund
ARGO Real Estate LLC	Midboro Management	Stonehill & Taylor Architects
Arms Acres Hospital	MTV Networks	SUNY-Purchase College
Church of the Heavenly Rest	National Trust for Historic Preservation	PAR Group
CTA Architects P.C.	NYC Department of Correction (NYCDOC)	Time Equities, Inc.
DBI Projects	NYC Department of Design and Construction (NYCDDC)	Triboro Bridge and Tunnel Authority (TBTA)
DMG Investments	NYS Office of General Services	Urstadt Biddle Properties
Dormitory Authority of the State of New York (DASNY)	Regeneron Pharmaceuticals, Inc.	Village of Tarrytown
Fisher Brothers Management	Robin Hood Foundation	



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