

CHRISTOPHER DIAMOND PE, LEED AP

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SUSTAINABILITY AND CLIMATE RESILIENCE LEADER | ENGINEER | ARCHITECT

Strategic leader well versed in all aspects of building and inhabiting urban environments. Known for critical thinking and implementing creative solutions to unique, complex problems. Adept at conveying sophisticated technical information to laypeople. Experienced in government, commercial, institutional, mixed-use & multifamily buildings, as well as developing city and state policy, construction finance, and leveraging data to assess solutions.

Competencies include:

Decarbonization | Energy Efficiency | Structural/Civil Engineering | Architecture | Program Management | Data Analysis | Passive House | Green Building | NYC Local Laws | Training & Development

PROFESSIONAL EXPERIENCE

PORT AUTHORITY OF NEW YORK AND NEW JERSEY (PANYNJ), New York, NY 2023 – Present

"We Keep the Region Moving." Interstate agency tasked with building and operating vital infrastructure to serve the New York-New Jersey metropolitan region.

Director, Office of Sustainability

Leads a 14-person unit that guides the Port Authority to its ambitious goal of Net Zero GHG Emissions by 2050 through setting sustainability policy and strategy, driving agency-wide carbon-reduction initiatives, managing energy purchasing, and tracking progress.

- Managing development of agency building decarbonization policy and renewable energy purchasing policy
- Coordinating net zero initiatives across the agency with multiple offices and departments, including the Executive Director, Management and Budget, Engineering, facility departments, and the Chief Operating Officer
- Oversaw launch of building energy benchmarking program for the agency

NEW YORK CITY DEPARTMENT OF DESIGN & CONSTRUCTION (NYC DDC), New York, NY 2017 – 2023

"We Build the City." City agency tasked with designing and constructing most city-owned projects. Public Buildings manages over 490 active projects totaling over \$15B in contracts.

Director, Office of Sustainability, Commissioning, and Resilience, Public Buildings

Tapped to run unit that ensures projects meet City's goals and responsibilities for sustainability and climate resilience. During five-year tenure, navigated through change of Commissioner four times.

- Spearhead DDC's thought leadership for sustainability, resiliency, and decarbonization
- Directed DDC's low energy/GHG emission and geothermal energy programs
- Managed commissioning unit to ensure quality and proper turnover training on all public building projects
- Coordinated with other government agencies regarding sustainability, resilience, decarbonization goals, regulations, local laws, and accompanying rules

Key Achievements:

- Initiated DDC's Low Energy Building Program requiring 50% reductions in energy use for new buildings
- Developed and implemented NYC's online Geothermal Tool which analyzes multiple data sources to determine technical and economic feasibility of geothermal energy systems
- Completed **Path to 2030** report which sets the standard for future compliance with strict energy laws
- Edited official rules and cleaned-up legislation to make City's low energy laws practicable and enforceable
- Ensured operational continuity amid complete turnover in staff by radically reorganizing unit

NEW YORK CITY ENERGY EFFICIENCY CORPORATION (NYCEEC), New York, NY 2012 – 2017

Independent non-profit corporation that innovates and delivers clean energy financing solutions in alignment with NYC's long-term environmental goals. NYC's designated administrator of NYC Accelerator PACE Financing program and one of the "Qualified Lenders" under the program.

Director of Engineering and Technical Assurance

Recruited at inception of organization to provide technical thought leadership and to develop and implement policies and best practices for investing in energy efficiency and clean energy technologies.

- Drove NYCEEC's thought leadership to advance energy efficiency and greenhouse gas reduction and played a lead role in numerous New York City and State initiatives:
 - NYC **One City: Built to Last** (80x50) Technical Working Group, Steering Committee
 - NYS Clean Energy Advisory Council, Technical Working Group for Best Practices
 - Donor's Collaborative – Mayor's Fund to Advance NYC
 - New York City Building Resiliency Task Force, Member at Large
 - NYC Energy and Water Retrofit Accelerator, Steering Committee and Financial Partner
- Created innovative online efficienSEE™ tool combining readily available building energy data with proven high-performance retrofit data. Used by property owners, developers, underwriters & program officials such as Fannie Mae, it analyzed and assessed potential/feasibility of energy efficiency investments

- Managed technical quality assurance and execution of energy retrofit investments

STEVEN WINTER ASSOCIATES, New York, NY

2007 – 2011

Research, consulting & design firm focused on sustainability, resilience and high-performance, energy-efficient buildings.

Senior Sustainability Consultant

- Advised on project development and management, general sustainability, curriculum development and teaching, visioning and strategy, design and detailing, constructability, and code development and compliance
- Served as member of NY City Green Codes Task Force and NY State Climate Action Council, Residential, Commercial, and Industrial Technical Working Group. Recommended changes to laws and regulations governing buildings in NYC to make them more energy efficient, greener, and healthier. Supported development of Climate Action Plan to establish NY State's 80% by 2050 GHG reduction goal
- Earned 2009 Urban Green Council Outstanding Service Award
- Developed curricula for training code officials on interpretation and enforcement of NY State energy code. Taught over 600 code officials

PETER MOORE ASSOCIATES, New York NY

2006 – 2007

Owner's Representative (as independent consultant)

- Provided owner's representation and project management for high-end residential developments in SoHo and TriBeCa. Oversaw budgets, sourced and managed consultants, vetted bids and buy-outs, and provided general protection of owner's fiscal and legal interests in all contractual relationships

TEN ARQUITECTOS, New York, NY and Mexico City, Mexico

2005 – 2006

Senior Associate / Architect

Hired as lead technical expert for this boutique architecture firm with offices in New York City and Mexico City. Projects ranged from institutional and government buildings to high-rise residential and mixed-use towers.

- Developed projects from concept to construction
- Served as primary contact with clients
- Facilitated problem solving sessions
- Provided technical support and oversight of all office projects ranging from engineering to detailing, sustainability issues, constructability, and code compliance
- Managed project teams, schedules, and budgets as well as general office management

GUY NORDENSON AND ASSOCIATES, Structural Engineers LLP, New York, NY

1998 – 2003

Associate, Project Manager, and Project Engineer

Recruited from grad school to eventually serve as second-in-command in early years of this small, creative structural engineering firm specializing in collaborative work with architects, other engineers, and artists, helping it double in size.

- Served as primary contact with clients
- Designed, managed, and developed notable projects from concept through construction:
 - **Simmons Hall MIT**, Cambridge MA 2002 - Invented a structural/construction system using prefabricated, 'perforated' concrete ("PerfCon") structural walls for ten-story dormitory
 - **Museum of Modern Art**, New York, NY 2005
 - **Nelson Atkins Museum of Art**, Kansas City, MO 2007
- Provided office-wide technical support for structural theory, computer modeling, detailing and construction
- Managed office operations including staffing, project workflows, invoicing, etc
- **World Trade Center Disaster**, Site and Structural Safety, New York NY 2001: Participated in rescue, recovery and clean-up following September 11 disaster. GNA also led inspections (through SEAoNY) of ~ 400 neighboring buildings allowing area to be safely reoccupied

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY, Berkeley, CA

Master of Architecture, College of Environmental Design

Master of Science, Structural Engineering, College of Engineering

MANHATTAN COLLEGE, Bronx NY

Bachelor of Engineering, Civil Engineering

ADDITIONAL INFORMATION

- **Teaching Experience:** Adjunct Professor - New York University SCPS Schack Institute of Real Estate 2008 – 2011; Adjunct Professor - Pratt Institute School of Architecture 2005 – 2007
- **Credentials:** Professional Engineer (Civil) New York and California. LEED Accredited Professional
- **Volunteerism:** PS 9 Shirley Chisholm Elementary School Co-President of PTO 2013 – 2015 and School Leadership Team (SLT) 2013 – 2017; Park Slope Parents Advisory Board 2011 – **present**