Company Profile

We Are

Clifford Dias, PE, PC is a professional engineering consulting firm, founded in New York City in 1983. Our team of engineers, under the direction of the President, Clifford Dias, aims to provide efficient and effective engineering solutions to our professional client base. Our strategic approach and range of capabilities allow us to customize solutions to our clients’ individual needs. Inherent in our approach to every project are energy conservation considerations, our clients’ operational requirements, as well as their personal comfort and safety.

With licenses in all fifty states, in addition to the District of Columbia, Puerto Rico, and Guam, we are nationally recognized for our comprehensive consulting services consisting of design, evaluation and review of new and existing structures.

Our firm is a proud member of United States Green Building Council (USGBC) and a registered member of the Minority-owned Business Enterprise (MBE). We are LEED certified, and are members of IEEE, ASME, ASHRAE (Standards Committee), NFPA, and ISPE.

Our core capabilities span the areas of Mechanical, Electrical, Plumbing and Fire Protection. We primarily serve national brokerage firms, banks, educational facilities, healthcare facilities/ hospitals, law firms, AV equipment rooms, publishing companies, pharmaceutical, real estate, and insurance firms with our two office locations. Our head office is located in New York City’s Downtown Financial District and our associate office, Scan Engineering, is based in Los Angeles to serve our west coast clientele.

We take great pride in our work and ensure that our engineering solutions provide the most efficient, safest and comfortable environment available to our clients. We are recognized as leaders in providing services of unparalleled efficiency and quality. With every project, we strive to attain the following goals:

1. Commit to the integrity of our work;
2. Ensure our process remains within budget while charging an honest fee;
3. Contribute our range of capabilities and years of experience to every project;
4. Streamline and manage the process from concept through completion;
5. Ensure personal service.

Core Capabilities

- **Mechanical**
  - Heating, Ventilation, Air Conditioning (HVAC)
  - Energy Management
  - Refrigeration Systems
  - Air Quality Control

- **Electrical**
  - Lighting Design
  - Power Generation & Distribution
  - Communication Systems
  - Life Safety & Fire Alarm Systems
  - Emergency Power
  - Uninterrupted Power Systems
  - Security Systems

- **Plumbing**
  - Building Plumbing
  - Distribution Systems
  - Display Fountains
  - Site Irrigation

- **Fire Protection**
  - Sprinkler Systems
  - Pre-Action System
  - FM-200

Our Services

We offer comprehensive services to our clients: Design, Evaluation and Review of new and existing structures, as well as years of onsite expertise and knowledge of technological advances and resources. We identify and analyze problems in all phases of a project and work closely with our clients through completion.

**DESIGN**

- Design heating, ventilation, air conditioning, heating and cooling plants, electrical, telecommunications, fire protection and plumbing systems for new and existing buildings. Our areas of expertise include:
  - Office Spaces
  - Data Processing Centers
  - Trading Areas
  - Auditoriums
  - Dining Facilities
  - Educational Facilities
  - Healthcare Facilities/ Hospitals
  - AV Equipment Rooms
  - Critical Facilities
  - Green Buildings
  - Pharmaceutical

**EVALUATION**

1. Evaluation of existing facilities (including physical plants) in terms of system types, capabilities, automatic controls and deficiencies.
2. Energy conservation studies (including economic analysis) for existing and new facilities (including physical plants).
3. Site evaluations to determine if our clients’ requirements are met in terms of mechanical, electrical and plumbing systems for space planning.

**REVIEW**

1. Review of third party engineering design documents for compliance to our clients’ standards and requirements. We provide this service to both landlords and tenants.
2. Lease reviews as related to mechanical requirements, electrical requirements, and utility costs.
3. Commissioning throughout all phases of the project.
Company Profile

Representative Clients

Architects
Verderame Architecture & Interior Design PLLC
Gensler
Mancini Duffy|TSC
Ted Moudis
Perkins + Will
Perkins Eastman
Skidmore, Owings, and Merrill
RSP Architects
HOK
Beyer, Blinder Belle
IA-Interior Architects
Nandinee Phookan Architects

Brokerage
American Express
Goldman Sachs
Merrill Lynch*
UBS Financial Services
Ameriprise Financial

Technology and Communications
Microsoft
Verizon

City Agencies
NYC & State Department of General Services
NYC Housing Authority

Insurance Companies
UnitedHealth Group
Aetna
Cigna
MetLife

AV Equipment Rooms
Cushman & Wakefield
Con Edison – Auditorium & AV room
Greenville Elementary School – Theaters and Multipurpose rooms

Utilities
Con Edison

Real Estate Developers
CB Richard Ellis
Jones Lang LaSalle
Cushman & Wakefield

Bank
HSBC
JPMorgan Chase*
Bank of America*

Healthcare Facilities
Mount Sinai
Woodhull Hospital
HIP JE Hanger Prosthetics & Orthotics

Healthcare Facilities
Mount Sinai
Woodhull Hospital
HIP JE Hanger Prosthetics & Orthotics

Law Firms
Hinckley, Allen, Snyder & Cohen
Hutchins, Wheeler
Skadden, Arps, Slate, Meagher & Flom

Media
Katz Media
National Cable

Retail
Chanel
Bang & Olufsen
Tiffany & Co.
Icebreaker
Breguet

Educational
SUNY - Old Westbury
Sanford Brown Institute
Greenville Elementary School
Seely Place Elementary School
Edgemont Jr/Sr High School
Early Childhood School & District 20 Office

Green Buildings
Bank of America – New York
St. Dominic’s Academy – New York
UBS Financial Services – Nassau, Bahamas

Restaurant & Cafeterias
Commercial Kitchen
299 Park Cafeteria
Air China Kitchen/ Cafeteria
Merrill Lynch*
One Liberty Plaza, NY

Commercial Kitchen
299 Park Cafeteria
Air China Kitchen/ Cafeteria
Merrill Lynch*
One Liberty Plaza, NY

Professional Engineering Licenses

Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
Florida
Georgia
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
Montana
Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Vermont
Virginia
Washington
West Virginia
Wisconsin
Wyoming
District of Columbia
Puerto Rico
Guam

* Dias Engineering has completed projects for both the newly combined financial entities as well as previous stand alone firms (JPMorgan Chase, Bear Stearns, Merrill Lynch, and Bank of America).
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<th>Position</th>
<th>President</th>
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</table>
| Education    | B.S., Mechanical Engineering  
M.S., Mechanical Engineering |
| Professional Experience | Founder, Clifford Dias P.E., P.C., consulting engineering firm, 1983, located in New York City and SCAN Engineering, Inc., in Los Angeles |
| Professional Affiliations | American Society of Heating, Refrigeration and Air Conditioning Engineers  
National Council of Examiners for Engineering and Surveying |
| Professional Engineering Licenses | All 50 States in the U.S.A.  
In Addition, the District of Columbia, Puerto Rico and Guam |

**Recent Projects**

- **Merrill Lynch (PANYNJ)**
  1 World Trade Center  
  New York, NY

- **Dean Witter (PANYNJ)**
  1 World Trade Center  
  New York, NY

- **Ameriprise Financial (PANYNJ)**
  7 World Trade Center  
  New York, NY

- **American Express**
  Executive Offices, Global Trading Room, Conference Center  
  3 World Financial Center  
  New York, NY

- **UBS Financial Services + Investment Banking**
  Critical Centers & Branch Offices  
  Locations throughout the USA

- **Goldman Sachs**
  New York, NY, Washington D.C., Cayman Island  
  BCP Center – Salt Lake City, UT

- **Morgan Stanley**
  New York, NY & San Francisco, CA

- **Smith Barney**
  Trading Floors  
  Sears Tower, Chicago, IL

- **Babcock & Brown**
  Investment Banking  
  New York, NY

- **Bank of America**
  Throughout the Tri-State Area

- **HSBC Bank**
  Branch Locations throughout Northeast

- **Trading Floors for Merrill Lynch, UBS Financial, JPMorgan Chase and Smith Barney**

- **Critical Systems for JPMorgan Chase, Charles Schwab, Con Edison**

- **Marathon Development**
  Apartment Buildings – Designs and Feasibility studies in New York State

- **Winton Realty**
  Design and code compliance for residential buildings in New York City, NY

- **Co-op City**
  Controls for 35 High Rise apartment buildings

**Professional Activities**

Christopher Dias, PE, LEED® AP

**Position**
- Vice President
- Principal

**Specialization**
- Project Management
- Mechanical System Design

**Education**
- B.S., Chemical Engineering
- B.S., Biomedical Engineering

**Professional Experience**
- Experience in design of air conditioning and heating mechanical systems.
- Project management on high profile projects.

**Professional Affiliations**
- American Society of Heating, Refrigeration and Air Conditioning Engineers
- American Society of Mechanical Engineers

**Professional Engineering Licenses**
- Professional Engineer in the State of New York

**Professional Accreditations & Certification**
- LEED Accredited Professional

**Recent Projects**

**Corporate Commercial**
- American Express
  - 3 World Financial Center, New York, NY
- Ameriprise Financial (PANYNJ)
  - 7 World Financial Center, New York, NY
- UBS Investment Banking
  - Houston, TX
- UBS Wealth Management
  - Houston, TX and Des Moines, IA
- UBS Financial Services, Inc.
  - Clayton, MD, San Francisco, CA, New York, NY, and Walnut Creek, CA
- Consolidated Edison Company
  - New York, NY
- Bank of America/Merrill Lynch
  - New York, NY
- Washington Mutual
  - Multiple locations throughout USA

**Retail**
- American Express Travel Services
  - New York, NY

**Health Care**
- Apria Healthcare
  - New York, NY
- Wellpoint Health
  - New York, NY

**Banks**
- JPMorgan Chase
  - New York, NY
- Bank of America
  - New York, NY
- UBS Investment Bank
  - Multiple locations throughout USA
- Wachovia
  - New York, NY

**Emergency Power Systems, UPS, and Mission Critical**
- Consolidated Edison Company
  - New York, NY
- JPMorgan Chase Data Center
- UBS Data Center
Amedeo Moino, PE, CEM, LEED AP

Position
Chief Mechanical Engineer

Specialization
Mechanical Systems Design
Project Management

Education
M.S., Mechanical Engineering
B.S., Mechanical Engineering

Professional Experience
13 years of engineering experience designing mechanical systems for major healthcare facilities for new construction projects, retrofits, renovations and upgrades of existing facilities.

Professional Affiliations
American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)
Project Management Institute (PMI)

Professional Engineering Licenses
Professional Engineer in the State of New York

Professional Accreditations & Certification
LEED Accredited Professional
Certified Energy Manager, CEM®
ASHRAE Healthcare Facility Design Professional (HFDP)

Recent Projects
Health Care
Horizon Blue Cross Blue Shiled of NJ – Newark Tower Fit Out & Infrastructure Project
Bronx Children’s Mental Health Center, Bronx, NY
Main Line Health, Lankenau Hospital, Wynnewood, PA
NY-Presbyterian, Ambulatory Care Addition, New York, NY
University Medical Center at Princeton, Plainsboro, NJ
NY-Presbyterian, CHONY North, Neonatal, New York, NY
NY-Presbyterian, Columbia Campus, New York, NY
NY-Presbyterian, Weill Cornell Campus, Radiology, New York, NY
NY-Presbyterian, Weill Cornell Medical College, New York, NY
SUNY Downstate Medical Cntr, Transplant Nursing Unit, Brooklyn, NY
SUNY Downstate Medical Cntr, Make Ready Projects, Brooklyn, NY
SUNY Downstate Medical Center, Interventional Imaging, Brooklyn, NY
Lawrence Hospital Medical Center, ED Renovation/CAT Scan Room, Bronxville, NY
Lawrence Hospital Medical Center, New Maternity Dept, Bronxville, NY
Wyckoff Heights Medical Center, New York, NY
New York University Downtown Hospital, Maternity Operating Room Renovation, New York, NY
Sleep Deprivation Center Medical Offices, New York, NY
Robert Wood Johnson University Hospital, The Cancer Hospital of New Jersey, New Hospital Building, New Brunswick, NJ
Robert Wood Johnson University Hospital, The Children’s Hospital, Pediatric Renovation, New Brunswick, NJ

Pharmaceutical
Pfizer, Parsippany, NJ
Amicus Relocation, Cranbury, NJ
Haas-Ikaria, Cranbury, NJ
Haas-Ikaria, Hampton, NJ
OFS, Somerset, NJ
Novartis, East Hanover, NJ

Academic
University of Florida (Classrooms/Office/Labs/Atrium), Gainsville, FL
NYSCA, Old Tappan High School, Old Tappan, NJ
Embassy Center of English Studies, New York, NY
La Salle Academy, New York, NY
R.G. Neiderhoffer, New York, NY

Cultural
Orion One, Houston, TX
Willingboro Public Library, Willingboro, NJ
Cardinal Hayes Library, Riverdale, NY
Vivian Beaumont Theater, Lincoln Center, New York, NY
Save the Bay, Providence, RI
Marriott Hotel, Energy Consumption Analysis, New York, NY
350 Warren Street (2-story atriums), Jersey City, NJ

Residential
Willow Street Common, Teaneck, NJ
277 E. 77th St, New York, NY
Tivoli of Philadelphia, Philadelphia, PA
Schaefer Development, Brooklyn, NY
Goran Blagojevic

Position: Chief Electrical Engineer

Specialization:
- Electrical System Design
- Project Management

Education: M.S., Electrical Engineering

Professional Experience:
Design and engineering of electrical power systems including computer rooms, uninterrupted power systems, emergency power, mission critical systems, non-linear loads, lighting, life safety, fire protection, security, energy management systems, voice/data communications and premises distribution system cabling.

Professional Affiliations:
- Member of Institute of Electrical and Electronics Engineers (IEEE)
- National Fire Protection Association (NFPA)

Recent Projects:

- Emergency Power Systems, UPS, and Mission Critical:
  - Goldman Sachs, Toronto, Canada
  - Goldman Sachs, Cayman Island
  - Con Edison – Manhattan Energy Control Center, New York, NY
  - JP Morgan Chase, Salt Lake City, UT and Iselin, NJ
  - Con Edison – 3000A Stan-By Riser, New York, NY
  - UBS, Salt Lake City, UT, Seattle, WA, Charlotte, NC, and San Francisco, CA
  - Man Financial, New York, NY
  - E-Commerce Group, New York, NY
  - Queensborough Correctional Facility, Queens, NY
  - Home Depot, New York, NY

- Corporate Commercial:
  - Ameriprise Financial (PANYNJ), New York, NY
  - UBS, Charlotte, NC, Hartford, CT, and Seattle, WA
  - ADP, Roseland, NJ
  - JP Morgan Chase, Iselin, NJ and Salt Lake City, UT
  - Goldman Sachs, Toronto, Canada
  - Goldman Sachs, Cayman Island
  - Goldman Sachs, Salt Lake City, UT, St. Petersburg, FL, Boston, MA, and Washington, DC
  - Wachovia Securities, Boston, MA
  - Merrill Lynch (PANYNJ), New York, NY
  - Commerce Bank, New York, NY
  - Washington Mutual, New York, NY
  - Liberty Mutual, Paramus, NJ
  - American Express, New York, NY
  - United Health Group, New York, NY
  - Con Edison – Auditorium, New York, NY

- Government:
  - Queensborough Correctional Facility, Queens, NY
  - City of New York District Attorney’s Offices, New York, NY

- Health Care:
  - United Health Care, New York, NY
  - J.E. Hanger Prosthetics & Orthotics, New York, NY
  - HIP – West 71st Street Medical, New York, NY

- Base Building Systems:
  - JP Morgan Chase (formerly Bank One), Huntington, VA
  - Con Edison – Building Electrical Systems Reliability Study, New York, NY

- Kitchen Facilities:
  - Commercial Kitchen, Far Rockaway, NY

- Multifamily Residential:
  - Tallman Towers, Nyack, NY
  - College Arms, Sleepy Hollow, NY
  - Fairview Manhattan Park, Greenburg, NY
  - Underhill Apartments, Yorktown, NY
  - Lake Street Housing, Newburg, NY

- Academic:
  - SUNY @ Old Westbury, NY
  - Polytechnic Institute of NYU, Brooklyn, NY
  - Sanford Brown Institute, Garden City, NY