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WHO WE ARE

MECHANICAL SERVICES

Design services require a high level of expertise. At Elite Mechanical our experience with design is one of the ways we are a step ahead of other service providers. Our technical team consists of a broad range of skilled and knowledgeable professionals allowing us to offer exceptional design service. By providing design we have the ability to save our clients from the time and expense spent on an outside designer. We pride ourselves on stretching the client's dollar and at the same time meeting their design-build needs at the highest level.

In addition to our designers being highly skilled and experienced they also are keenly aware of the cost of alternate solutions. They make a point to stay current on products and pricing. Therefore, our designs are based on "Maximizing Customer Investment" – applying our expertise to deliver the most cost effective, timely and professional services to our customers.

MECHANICAL SPECIALTIES

- Design Build & Engineering
- Service & Maintenance
- HVAC Construction
- BIM Drafting / 3D Scanning
- Unit Replacement
- Mechanical Piping
- Energy Analysis
- Sheet Metal Fabrication

ELITE MECHANICAL

NOTABLE JOBS

ELITE MECHANICAL

106 W 56th Street

Phase I (6 & 15 Floors)
Phase II (8, 14, 18–20 Floors)
Phase III (3, 10, 15 & 21 Floors)

Description: Tenant and prebuilt spaces throughout 11 floors. Provided full BMS tie in to the base building, terminal boxes throughout the floors and approximately 2,200 linear feet of flow bar linear diffusers for these Level 5 finished offices.

Schedule: 16 weeks per respective phase (3 phases)

Square Footage: 40,000 SF

Architect: Gensler

Engineer: AKF

521 5th Ave

Lobby, 6, 14 & 24 Floors

Description: Tenant and prebuilt spaces. Installed (4) 6,000 CFM chilled water packaged units with steam coils and UV filtration throughout 3 floors. On the 6th floor tenant space Elite Mechanical provided a live tap into the building's existing risers for supplemental cooling for an IT room equipped with multistage condenser water pumps and (2) Vertiv CRAC units. Elite Mechanical was also tapped to take part in renovation of the lobby.

Schedule: 16 weeks per floor (3 phases)

Square Footage: 51,000 SF

Architect: Fogarty Finger Architecture

Engineer: MGE

NOTABLE JOBS

ELITE MECHANICAL

PF Chang's

Toms River, Ocean County Mall

Description: Installation of primary cooling/heating using (4) gas fired rooftop units paired with a dedicated outdoor air system. Install of a CaptiveAire design kitchen exhaust/MAU system with double wall stainless steel grease duct. All rooftop equipment and ductwork had to be installed with hurricane rated support.

Schedule: 18 weeks

Square Footage: 5,000 SF

Architect: Sargenti

Engineer: EEA Consulting Engineers

Knotel

5 Bryant Park, 21st & 22nd Floors

Description: Tenant fit-out/expansion for Knotel marketing firm. Installation of sheetmetal with terminal boxes and tie into existing base building BMS system.

Schedule: 16 weeks

Square Footage: 20,000 SF

Architect: HOK

Engineer: MGE

NOTABLE JOBS

ELITE MECHANICAL

Equinox

75 Varick Street

- Installation of (31) WSHPs throughout space equipped with hot gas reheat for dehumidification
- Installation of DOAS systems for exhaust of specialty rooms including hot yoga rooms, saunas and restrooms while also providing fresh air throughout the space
- Hot yoga mode control sequence for on-demand classes reaching up to 95°F within 10 minutes, with simultaneous purging of hot air at end of session to return space to regular cooling for standard yoga classes

Status: Completed

Square Footage: 45,000 SF

644 E 14th Street

Mixed Use Multi-Family

- Installation of HVAC systems for corridors, common areas and amenity spaces: Aaon RTU units feeding corridors; LG VRF systems feeding amenity spaces; AboveAire mission critical split systems for EMR rooms with local alarms
- Installation of PTAC units throughout all apartments

Status: Completed

CURRENT JOBS

ELITE MECHANICAL

PF Chang's — 113 University Place

Scope of Work:
Full mechanical scope with the installation of (4) Aaon/Hitachi split systems, CaptiveAire kitchen exhaust hoods and fans, black iron ductwork

Zero Irving — Melio, 15 & 16 Floors & 8th Floor

Scope of Work:
Provide 43 fan coil units throughout (3) floors in this newly constructed building along with perimeter finned tube radiators and BMS tie in to base building system

Manhattan School House — 301 E 80th Street

Scope of Work:
Full mechanical scope for new private school consisting of 34 tons of cooling with electrical heat throughout space using packaged horizontal Skilaire air conditioners

Burlington HQ — 1400 Broadway, 14 & 15 Floors

Status: Course of Construction / Commissioning
Square Footage: 60,000 SF

Scope of Work:
• Installation of plate frame heat exchangers for a closed loop system
• 80T of water-to-refrigerant Daikin units with 80 FCUs throughout the space
• Perimeter steam radiators equipped with control valves tied to FCU feeding zone
• ERV providing fresh air throughout the space

USCIS Immigration Services — 31-00 47th Ave, Falchi Building

Status: Course of Construction
Square Footage: 35,000 SF

Scope of Work:
I• nstallation of (12) Aaon RTUs throughout the space with modulating fans
• (45) VAV boxes throughout the space
• BMS extension with graphics for VAV boxes, RTUs, VRF feeding restrooms and mission critical CRAC unit feeding government IT room data room.

CURRENT JOBS

Equinox Hudson Yards Terminal - 261 11th Ave, New York, NY

Status: Course of Construction
Square Footage: 30,000 SF

Scope of Work:

- Installation of a water cooled VRV system; Elite Mechanical is tapping into building-provided condenser water and providing BTU metering for tenant billing

- Installation of a secondary condenser water system/closed loop with chemical station

- New front end BMS to accommodate the fitness club's critical sequence of operations including dehumidification, constant use of laundry exhaust and providing positive pressure to mitigate pressure loss

Contact Us

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