



Park Chateau Hotel - East Brunswick, New Jersey

EP provides full MEP engineering services for ground-up construction of a new luxury, full service Hotel project. 'Park Chateau Hotel' is located in East Brunswick New Jersey and will be situated adjacent to the existing 'Park Chateau Estate & Gardens' grounds, which are regarded as a "Top NJ wedding venue". Working alongside GRO Architects, as well as the Owner's Development Team, EP Engineering helped plan and design approximately 75,000 square feet total, consisting of a full Restaurant, Breakfast Buffet, Commercial Kitchen, Bar/Lounge, (108) Guestrooms, (8) Bridal Suites, Administrative Offices, multiple Business Conference Rooms, Swimming Pool and Fitness Gym.

Challenges:

- Design of generator power back-up for 100% of the entire facility.
- Routing fresh air and refrigerant piping to the dedicated air handler(s) for each of the (108) Guestrooms.

Achievements:

- Ensure proper load sequencing is implemented to keep start-up load groups from peaking beyond the generators capacity.
- Close coordination with Architect and Structural Engineer to keep pipe and duct routing clean and concealed throughout.

Location:

670 Cranbury Road
East Brunswick, NJ 08816

Building Size:

75,000 SF

