



KS Engineers, P.C.
Engineers . Surveyors
Construction Managers

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Vernator Watson Building Site Engineering

Jersey City, NJ

PROJECT NAME

Vernator Watson Building Site Engineering in Jersey City, NJ

PROJECT OWNER/CLIENT

Terrance O'Neal Architect, LLC

SERVICES PROVIDED

- Site / Civil Engineering
- Parking Lots Design

PROJECT DESCRIPTION

KS Engineers, P.C. (**KSE**) was responsible for providing professional engineering services for 6,874 square feet, (0.16 acres) Vernator Watson Building. The following are site civil design tasks for this project:

1. Site drainage
2. Parking lot design
3. Site lighting
4. Civil Site Plan
5. Specifications
6. Shop drawing review

KSE anticipates the installation of a catch basin(s) within the pavement area of the parking lot behind the building and some form of underground storage to meter the off-site discharge to be at predevelopment levels. The underground storage tank would be connected to the municipal storm water collection system.

KSE recommended pitching the roof towards the rear of the building so that the roof drains would be routed to a catch basin.

The above required preparation of:

1. A site grading and drainage plan
2. A drainage detail drawing
3. Maintenance and Protection of Traffic drawing for the roadway work necessary to connect to the municipal storm water connection system.

KS Engineers, P.C.