



# Vernator Watson Building Site Engineering

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Jersey City, NJ

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

New Jersey  
New York  
Pennsylvania

CORPORATE  
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## 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.