



JERSEY CITY MUNICIPAL UTILITIES AUTHORITY

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March 23, 2022

Jake Modestow, PE
Stonefield Engineering
92 Park Avenue
Rutherford, NJ. 07070

RE: Proposed 7-Story Residential Building
364 6th Street
Block 9803, Lot 8

Dear Mr. Modestow,

The JCMUA has reviewed submitted site plans (Rev 3, 12/29/21) and offers the following comments:

WATER:

1. Apply for flow tests on existing 6" water main in 6th St. Applications can be downloaded off our website.
2. Submit three (3) plans for fire sprinkler system showing water service from main including valves and piping inside building. Include hydraulic calculations based on Suez flow test results.
3. Provide water demand for the building in gallons per day (GPD) using RSIS standard. This demand shall be included on the Jersey City Water Master Permit in 2022 once the project is approved and all fees are paid.
4. Meter(s) to be provided for installation once all inspections inside building are completed by JCMUA and Suez.

SEWER:

1. Please note that JCMUA maintains a 36" brick sewer in 6th Street and not a 24" sewer main; revise plans.
2. JCMUA shall televise this existing 15" combined sewer main in Harmon St. Developer expected to replace sewer main to Randolph Ave or make contribution to JCMUA to be used for future replacement of sewer.
3. Since this disturbs and/or replaces 5970 SF of impervious cover, it is considered a Major Development under the stormwater ordinance. Provide stormwater management report indicating how the ordinance's requirements are being met.

4. Submit a maintenance plan for proposed 1250 SF green roof. Plan shall list persons and their contact information who will be responsible for maintaining the BMP.
5. Provide details on the proposed green roof.
6. Provide estimated sanitary discharge from the building in GPD using RSIS standards. TWA application shall be submitted if estimated discharge over 8000 GPD.
7. Proposed 6" lateral shall be connected directly into sewer main and not to the existing manhole.

GENERAL COMMENTS:

1. As part of its Phase 1-2 Project, that is currently underway, the JCMUA is upgrading its water and sewer infrastructure. As part of this project, the existing 6" water main is planned to be replaced with new 8" ductile iron pipe and the 36" sewer main will be rehabilitated or replaced. This work is scheduled for Summer 2022. Proposed water/sewer services shall connect to the new and/or rehabilitated mains. The developer is expected to make a financial contribution towards this work, details of which shall be provided under separate cover.
2. All payments shall be certified check, bank check or money order. All payments must be received before final permits are issued by the JCMUA.
3. Along with revised plan addressing above comments, design engineer shall provide letter with response to above comments.
4. Water and sewer utility connections to any existing buildings shall be abandoned as per JCMUA standards. Disconnections shall be witnessed by Suez and/or JCMUA prior to backfilling.
5. Contractor shall perform test pits before proposed connections to water and sewer mains are made to check for any utility conflicts and other confirm depth and location of mains in the field.

Please contact me if you have any questions at 201-432-1150 x3025

Yours truly,



Rajiv Prakash, PE, JCMUA