



DPS/Engineering
Allan E. Schneck, P.E., Director

JRB
From: Jason Boughton, AC, Engineering Utilities Specialist
To: Kristen Kapelanski, AICP, Manager of Planning & Development
Date: August 13, 2019
Re: Emmons Avenue Plaza Design, City File #19-013.2, Section #25
Site Plan Review #1

Engineering Services has reviewed the site plan received by the Department of Public Services on August 1, 2019, for the above referenced project. Engineering Services **does** recommend site plan approval with the following comments:

General

1. The city file number #19-013.2 and section 25 needs to be added in the lower right hand corner of all plan sheets.
2. Maintain 10 foot of horizontal separation between all utilities, existing and proposed.
3. Revise the index of sheets on the cover page to correspond with all the construction pages as necessary.
4. Provide 2 benchmarks for the proposed project and place on all applicable sheets for reference.

Sanitary Sewer

1. Revise the size of the existing sanitary sewer to 8-inch instead of the 12-inch showing throughout.
2. Show the sanitary sewer lead and cleanout being proposed for the restroom/storage building.

Water Main

1. Revise the water main being relocated to use 45-degree bends instead of 90-degree bends as shown.
2. Provide where the relocated fire hydrant is being proposed on the site plan.
3. Show the proposed water lead, with size, being proposed for the restroom/storage building along with the meter within the floorplan.
4. An EGLE water main permit will need to be applied for once the construction documents have been approved.

Storm Sewer

1. NA.

Legal

1. Legal description not provided and insufficient information given to perform geometry check.

The applicant needs to submit a Land Improvement Permit (LIP) application with engineer's estimate, fee and construction plans to get the construction plan review process started.

JB/md

c: Allan E. Schneck, P.E., Director; DPS
Tracey Balint, P.E., Public Utilities Engineering Mgr; DPS
Paul Shumejko, P.E., PTOE, Transportation Engineering Mgr.; DPS
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