

Nicholas Mahon

From: Napoleon "Leo" Zervas <nzervas@margatefl.com>
Sent: Thursday, November 12, 2015 12:23 PM
To: Nicholas Mahon
Cc: Jenna Martinetti; Kelly McAtee; Janet Benitez
Subject: RE: Windmill Park water service line & sewer main extension

Hello Nick,

Based on the plans you provided, since you are using a 4" sanitary line and a 1 1/2" water line for your park improvements there will not be a need for an engineering permit from us. However, when the time comes to connect the 4" sanitary line to the existing 8" line with a wye PVC connector we would like our inspector to be present. Please call our engineering office at 954-972-0828 to schedule this inspection.

Sincerely,

Leo Zervas
Engineer

Department of Environmental and Engineering Services
901 NW 66th Ave.
Margate, FL 33063
nzervas@margatefl.com
Tel: 954-972-0828
Fax: 954-978-7349
Office Hours: Mon-Thu (8:00 A.M. - 6:00 P.M.)

From: Nicholas Mahon [NMahon@cgasolutions.com]
Sent: Wednesday, November 11, 2015 4:50 PM
To: Napoleon "Leo" Zervas
Cc: Jenna Martinetti; Kelly McAtee; Janet Benitez
Subject: RE: Windmill Park water service line & sewer main extension

Hi Leo,

Please see the attachment for the latest water and sewer plans that show the 4" PVC, which is shown on sheets WS2 - 4. Please let me know if you have any questions.

Thanks,
Nick

Nicholas B. Mahon, P.E., LEED AP BD+C
Project Manager | Engineering Department (Broward)



Calvin, Giordano & Associates, Inc. | 1800 Eller Drive | Suite 600 | Fort Lauderdale, FL 33316
Office: 954.921.7781 | [Direct: 954.766.2719](tel:954.766.2719) | Fax: 954.921.8807
Fort Lauderdale | West Palm Beach | Port St. Lucie | Homestead | Clearwater | Jacksonville | Atlanta

From: Napoleon "Leo" Zervas [mailto:nzervas@margatefl.com]
Sent: Tuesday, October 27, 2015 11:37 AM
To: Nicholas Mahon <NMahon@cgasolutions.com>
Cc: Jenna Martinetti <JMartinetti@cgasolutions.com>; Kelly McAtee <kmcatee@margatefl.com>; Janet Benitez

<JBenitez@cgasolutions.com>

Subject: RE: Windmill Park water service line & sewer main extension

Good morning Nick,

If you change the design to use 4" PVC pipes without building any manholes most likely you will not need a permit from the City of Margate. However, we would like to see the revised plans before we make a final decision.

Sincerely,

Leo Zervas

Engineer

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Office Hours: Mon-Thu (8:00 A.M. - 6:00 P.M.)

From: Nicholas Mahon [NMahon@cgasolutions.com]

Sent: Friday, October 23, 2015 11:00 AM

To: Napoleon "Leo" Zervas

Cc: Jenna Martinetti; Jenna Martinetti

Subject: RE: Windmill Park water service line & sewer main extension

Hi Leo,

Thank you for your help on the permit requirements.

I have a question in regards to the sanitary sewer. We are changing the design of the sanitary system to provide only a 4" PVC pipe and connect to the existing 8" pipe via wye connection. We will have cleanout every 100' as required per code.

Will we still require a permit and if so what will be required?

Thanks for all your help.

Thanks,

Nick

Nicholas B. Mahon, P.E., LEED AP BD+C

Project Manager | Engineering Department (Broward)



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From: Janet Benitez

Sent: Thursday, October 22, 2015 5:07 PM

To: Nicholas Mahon <NMahon@cgasolutions.com>

Cc: Jenna Martinetti <JMartinetti@cgasolutions.com>
Subject: FW: Windmill Park water service line & sewer main extension

Nick,

I received this email from the city of Margate regarding the water main extension

Janet Benitez

Engineer II | Civil Department (Broward)



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From: Napoleon "Leo" Zervas [<mailto:nzervas@margatefl.com>]
Sent: Thursday, October 22, 2015 5:05 PM
To: Janet Benitez
Cc: Kelly McAtee
Subject: RE: Windmill Park water service line & sewer main extension

Good afternoon Janet,

we reviewed the plans you emailed and for the time being these are some comments:

- 1). For the additional 1 1/2" water service lines, since they will be connected to an existing water meter and BFP, no permit will be required from the City of Margate, engineering department. The existing water meter has a credit of 1.64 W/S ERCs (1 ERC = 335 gpd) or a total of 549 gpd of maximum water usage. A year after these improvements go on line we will check the actual water use of this meter. If the maximum usage exceeds the above paid limit you will incur additional water/sewer impact fees on any usage above 549 gpd.
- 2). You will need an engineering permit for the construction of the two sewer manholes and the 400 foot, 8" PVC main between them. You will have to provide the following:
 - a). Wastewater permits from Broward County and FDEP.
 - b). Three signed sets of plans from a professional engineer showing the existing sewer manhole and the two new manholes and interconnecting 8" main.
 - c). Provide sewer line profiles with horizontal scale of 1"=40' and vertical scale 1"=4'
 - d). Provide sewer manhole and cleanout details.
 - e). Show on the plans a 12 foot utility easement from the existing manhole to manhole #2. This easement will have to be dedicated to the City of Margate for future maintenance.
 - f). Have the engineer double check all the rim and invert elevations.
 - g). At end of construction "as built" plans (2 copies) will have to be provided to this office for our records.

I included three attachments. One is the engineering permit application which is completed by the contractor and owner and are signed and notarized. The other two attachments provide information on selecting materials for this project.

We will need an engineer's certified cost estimate associated with constructing the proposed sewer additions. We will need three signed and sealed sets of shop drawings for the manhole structures and the interconnecting pipe, etc.
Based on the cost estimate we will prepare engineering permit fees and the amount of the bond. The bond is 125% of the above construction cost. Fees and the bond are paid at the time the permit is approved and issued.

If I left anything out will provide that information at a later time.

Please let me know if you have any other questions.

Sincerely,

Leo Zervas

Engineer

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nzervas@margatefl.com
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From: Janet Benitez [JBenitez@cgasolutions.com]
Sent: Wednesday, October 21, 2015 4:52 PM
To: Napoleon "Leo" Zervas
Cc: Jenna Martinetti; Nicholas Mahon
Subject: FW: Windmill Park water main extension

Mr. Zervas

We contacted Broward County Health Department regarding permit requirements for the Windmill park water extensions. They do not required a construction permit, please see their email below.
Is there a permit required from the city of Margate.

Thank you,

Janet Benitez

Engineer II | Civil Department (Broward)



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From: PerezRomero, Judith I [<mailto:Judith.PerezRomero@flhealth.gov>]
Sent: Wednesday, October 21, 2015 4:00 PM
To: Janet Benitez
Cc: Reyes, Rafael; Giraldo, Sandra E; Thompson, Paul S; Pineros, Michele E; Nicholas Mahon; Jenna Martinetti
Subject: Re: Windmill Park water main extension

Janet,

Drinking water main extensions are permitted up to the meter. Considering that the proposed connections are located after the park's water meter and BFP (private lines), **no construction permit is required.**

However, all the work shall comply with applicable requirements of 62-555, F.A.C. including applicable requirements in the engineering references listed in Rule 62-555.330, F.A.C.

Ensure that cross connection controls are included in the project in accordance with the applicable sections on the Florida plumbing code , AWWA M-14 Manual and Rule 62.555.360 F.A.C.

If you have any additional questions, please do not hesitate to contact us.

Regards,

Judith Perez-Romero
Engineer III

Environmental Engineering Section
Florida Department of Health – Broward County
2421A S.W. 6th Avenue
Ft. Lauderdale, FL 33315
Phone: (954) 467-4700 x. 4230
Fax: (954) 467-4898
email: Judith.PerezRomero@flhealth.gov
website: www.BrowardCHD.org
Please consider the environment before printing this email.

Mission: To protect, promote & improve the health of all people in Florida through integrated state, county, & community efforts.

Vision: To be the Healthiest State in the Nation

Values: (ICARE)

Innovation: We search for creative solutions and manage resources wisely.

Collaboration: We use teamwork to achieve common goals & solve problems.

Accountability: We perform with integrity & respect.

Responsiveness: We achieve our mission by serving our customers & engaging our partners.

Excellence: We promote quality outcomes through learning & continuous performance improvement.

Please Note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communication may therefore be subject to public disclosure.

From: Janet Benitez <JBenitez@cgasolutions.com>

Sent: Tuesday, October 20, 2015 10:01 AM

To: PerezRomero, Judith I

Cc: Reyes, Rafael; Giraldo, Sandra E; Thompson, Paul S; Pineros, Michele E; Nicholas Mahon; Jenna Martinetti

Subject: RE: Windmill Park water main extension

Ms. Judith,

We are not proposing to connect to the existing 8" water main. We are only connecting to the existing 1-1/2" service lines on site. The existing connection for the 8" and 1-1/2" line is shown on sheet WS-3. There is already an existing meter and BFP.

Janet Benitez

Engineer II | Civil Department (Broward)



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Office: 954.921.7781 | Direct: 954.766.2732 | Fax: 954.921.8807

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From: PerezRomero, Judith I [<mailto:Judith.PerezRomero@flhealth.gov>]

Sent: Monday, October 19, 2015 3:13 PM

To: Janet Benitez

Cc: Reyes, Rafael; Giraldo, Sandra E; Thompson, Paul S; Pineros, Michele E
Subject: Windmill Park water main extension

Janet,

The attached PDF drawing was reviewed. Before providing permit determination we need clarification.

Please explain where and how does the 1.5" WM line connects to the 8" WM. Specify if the connection includes a meter, back flow preventer (BFP) and type of BFP.

Regards,

Judith Perez-Romero
Engineer III

Environmental Engineering Section
Florida Department of Health – Broward County
2421A S.W. 6th Avenue
Ft. Lauderdale, FL 33315
Phone: (954) 467-4700 x. 4230
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website: www.BrowardCHD.org

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From: Reyes, Rafael
Sent: Friday, October 16, 2015 4:18 PM
To: PerezRomero, Judith I
Cc: Thompson, Paul S; Pineros, Michele E; Giraldo, Sandra E
Subject: Fwd: Windmill Park water main extension

FYA

Sent from my iPhone

Begin forwarded message:

From: "Janet Benitez" <JBenitez@cgasolutions.com>
To: "Reyes, Rafael" <Rafael.Reyes@flhealth.gov>
Cc: "Giraldo, Sandra E" <Sandra.Giraldo@flhealth.gov>, "Jenna Martinetti"

<JMartinetti@cgasolutions.com>, "Nicholas Mahon" <NMahon@cgasolutions.com>

Subject: Windmill Park water main extension

Mr. Rafael Reyes

We are working on the design for renovations to Windmill Park, located in the city of coconut Creek Fl.

The renovations will include extending the water main inside the park for 3 new water fountains and 2 new dog water fountains.

The existing water main size is 1.5", and we will be extending with 1.5" water main

Attached is a pdf of the water plans, can you let us know if we need a Health Department permit.

Thank you,

Janet Benitez

Engineer II | Civil Department (Broward)

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