



HOLLAND ENGINEERING  
CIVIL ENGINEERING SOLUTIONS

**Holland Engineering, Inc**  
**Civil Engineering Solutions**  
301 SW 7<sup>th</sup> Street, Ft. Lauderdale, FL 33315  
(954) 367-0371 office  
CA0007325

### **PZ23-12000045 Utilities & Engineering Comments**

1. Submit / upload the (BCEPMGD) Broward County Environmental Protection and Growth Management Division Surface Water Management permit or exemption for the proposed paving and drainage shown on the civil engineering drawings.

**This license will be applied for and obtained prior to Building Dept. approval.**

2. Prior to the approval of the City Engineering division, the City's Planning and Zoning Division must approve these plans.

**Acknowledged.**

3. Prior to the approval of the City Engineering division, the City's Utilities Division must approve these plans.

**Acknowledged.**

4. There is an existing large diameter meter (6" or 8") that may not be in service or feeding any property. Check with our customer service dept. to see if that can be utilized for your project.

**The existing water main and backflow is located on the property to the east. This project requires a water meter further to the west to serve the project.**

5. Existing watermain on McNab Rd shown on civil plan sheet 004 C-2 is a 12" and not an 8". Also on this plan sheet the proposed meters need to be shown just inside the property line.

**Plan sheet C-2 has been revised to show the existing water main as 12". The proposed meters have been revised to be located just inside the property line.**

6. Submit / upload the (FDEP) Florida Department of Environmental Protection NPDES General Permit for the proposed storm water discharge from the proposed site construction activities.

**This will be submitted by the contractor prior to construction.**

7. Submit / upload the (FDEP) Florida Department of Environmental Protection (NOI) Notice of Intent for the proposed storm water discharge from the proposed site construction activities

**The NOI will be secured prior to construction.**

8. With the proposed construction please place a note on the PGD plans that the existing roadway within the project limits and possible beyond will be inspected by the City Engineer, Public works director or a designated representative for damage due to construction prior to final acceptance. A partial or full milling and overlay of the roadways may be required.

**This note has been added to sheet C-1.**

# **DRC**

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**07/03/2024**



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9. Place note on landscape plans as per City Ordinance(s) §50.02(A) (4) and §100.35(E), that landscaping materials other than sod are not allowed within (5'") five feet of any portion of City owned utilities within the public street right-of-way including meters, hydrants, service lines etc. Also, please note that no trees, shrubbery or obstruction shall be placed within a 3' radius of a City-owned sewer lateral cleanout or water &/or reuse meter. Show the location of all existing City owned and maintained potable water mains and services, sanitary sewer mains or laterals and storm drainage lines on the proposed landscape plans. Contact Tracy Wynn GIS Coordinator Engineering Div. for Utility information. 954-545-7007 [tracy.wynn@copbfl.com](mailto:tracy.wynn@copbfl.com) Engineering Standard street tree detail 316-1 and 315-1.

**This note has been added to the landscape plan.**

10. Please note on civil plan sheet 004 C-2 that any existing water and/or sewer connection to the subject lots not utilized must be cut and capped at the water main if a water service and cut out and sleeved if a sewer lateral. Sewer Laterals that are cut and capped will need to be as-built per our engineering as-built standards.

**This note has been added to plan sheet C-2.**

How to retire old laterals

- If the existing main is clay pipe and has a CIPP liner currently installed. (Install a sectional liner in the main over the old lateral thus eliminating the lateral)
- If the existing main is clay pipe. (Dig down cut old clay pipe, sleeve back in with PVC and city approved couplings)
- If the existing main is clay pipe and you are required to retire multiple laterals for a project. (It may be cheaper for the contractor to install a city approved CIPP liner from manhole to manhole and not cut out the laterals that they are retiring)
- If the existing main is PVC pipe. (Remove the lateral pipe from the PVC

Wye fitting and install a plug into the Wye. Install a green locating marking ball at the lateral locating, no deeper than 4 ft. below grade)

**DRC**

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