

June 13, 2023

City of Pompano Beach Engineering Department
1201 NE 5th Avenue
Pompano Beach, FL 33060

RE: City of Pompano Beach Building Permit
2233 E Atlantic Blvd – Proposed New Building
RESPONSES TO CITY REVIEW COMMENTS, DATED 5.05.23

Dear Sir or Madam,

Please find the narrative addressing permitting comments below.

ENGINEERING DEPARTMENT:

1-COMMENT:

SUBMIT/ UPLOAD THE (BCEPMGD) BROWARD COUNTY ENVIRONMENTAL PROTECTION AND GROWTH MANAGEMENT DIVISION SURFACE WATER MANAGEMENT PERMIT OR EXEMPTION.

Permit will be applied for and obtained.

2-COMMENT:

SUBMIT / UPLOAD CIVIL PLANS. THE SUBMITTAL DOES NOT APPEAR TO PROPOSE NEW OFF-SITE WATER AND/ OR SEWER CONNECTIONS FOR EH NEW BLDG. PLEASE SUBMIT A CIVIL DRAWING SHOWING IN DETAIL PROPOSED OFF-SITE WATER AND/OR SEWER CONNECTIONS FOR THE STRUCTURE INDICATE IF NO NEW WATER AND/OR SEWER SERVICES ARE REQUIRED. PLEASE CORRECT.

Refer to Utilities Plan Sheet C4.00 for new off-site water and sewer connections for the new building.

5-COMMENT:

THE CITY OF POMPANO BEACH ENGINEERING DIVISION REQUIRES THAT ALL COPB UNDERGROUND UTILITY INFRASTRUCTURE LOCATED WITHIN PUBLIC RIGHTS-OF-WAY OR UTILITY EASEMENTS BE SHOWN ON ALL PROPOSED SITE PLANS AND CIVIL ENGINEERING PLANS THAT ARE SUBMITTED FOR PLAN REVIEW AND PLAN APPROVAL. PLEASE CONTACT CITY ENGINEERING DIVISION'S GIS COORDINATOR TRACY WYNN TO OBTAIN ALL CITY UTILITY INFRASTRUCTURE INFORMATION TO BE PLACED ON YOUR PROPOSED SITE PLAN AND CIVIL ENGINEERING PLANS. TRACEY MAY BE REACHED AT 954-545-7007 OR TRACY.WYNN@COPBFL.COM.

Acknowledge.

7-COMMENT:

UPLOAD THE 2022 CITY ENGINEERING STANDARD DETAILS FOR THE PROPOSED OFF-SITE WATER AND SEWER CONNECTIONS. THESE DETAIL DRAWING MAY BE OBTAINED IN PDF FORMAT FROM THE CITY'S WEBSITE WWW.POMPANOBEACHFL.GOV UNDER DEPARTMENTS /ENGINEERING.

Please refer to Details sheet C.500, C.500A and C.500B for off-site water and sewer connections.

8-COMMENT:

PLEASE NOTE ON CIVIL PLANS WHEN SUBMITTED 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.

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 CURRENT PROJECT - DEPARTMENT REVIEW STATUS 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)UPLOAD THE 2022 CITY ENGINEERING STANDARD DETAILS FOR THE PROPOSED OFF-SITE WATER AND SEWER CONNECTIONS. THESE DETAIL DRAWING MAY BE OBTAINED IN PDF FORMAT FROM THE CITY'S WEBSITE WWW.POMPANOBEACHFL.GOV UNDER DEPARTMENTS /ENGINEERING.

Refer to Utilities Plan Sheet C4.00 for Note regarding how to retire old laterals.

FIRE DEPARTMENT:

1-COMMENT:

SUBMIT SITE/CIVIL PLANS SHOWING LOCATION OF EXISTING OR PROPOSED WATER MAINS (INCLUDING SIZE) AND FIRE HYDRANTS IN AREA. REFER TO NFPA 1 2018ED CHAPTER 18 FOR REQUIRED FIRE FLOW, MINIMUM NUMBER OF HYDRANTS AND SPACING.

Refer to Fire Hydrants Plan Sheet C4.00A for approximate locations of existing Fire Hydrants and proposed water mains in the area.

3-COMMENT:

PROVIDE REQUIRED FIRE FLOW DATA FOR EACH PROPOSED STRUCTURE (THIS FLOW WILL EITHER BE THE TOTAL FLOW REQUIRED FOR A NON-FIRE SPRINKLERED BUILDING OR THE FIRE SPRINKLER/STANDPIPE DEMANDS): FIRE FLOW CALCULATIONS ARE DETERMINED FROM SQUARE FOOTAGE AND CONSTRUCTION TYPE OF STRUCTURE. REFER TO NFPA 1 CHAPTER 18 FOR REQUIRED FIRE FLOW, NUMBER/SPACING OF FIRE HYDRANTS. DEPENDING ON THE HYDRANT FLOW TEST RESULTS ADDITIONAL FIRE PROTECTION SYSTEMS OR CHANGE IN CONSTRUCTION TYPE MAYBE REQUIRED FOR PROJECT (NFPA 1 2018ED CHAPTER 18). THIS INFORMATION MUST BE PROVIDED AT DRC TO EVALUATE CURRENT WATER SUPPLY CONDITIONS.
OWNER REQUESTED

CITY OF POMPANO REQUIRES A MINIMUM OF 2 FIRE HYDRANTS. MAXIMUM DISTANCE TO SECONDARY FIRE HYDRANT IS 400FT OF ANY FUTURE BUILDING. DISTANCE IS MEASURED BY FIRE APPARATUS TRAVEL ON ACCESS ROADWAYS. (COPFL ORD. 95.09(C)) COMPLETE ATTACHED FORM "WATER SUPPLY FIRE FLOW". DOCUMENT LOCATED IN THE E-FILES FOLDERS OF E-PLAN.

Refer to Fire Hydrants Plan Sheet C4.00A for approximate locations of existing Fire Hydrants and minimum required distance between them and the new building.

4-COMMENT:

PROVIDE ON CIVIL/SITE PLAN PROPOSED LOCATION OF BACKFLOW /METER ASSEMBLY AND FIRE DEPARTMENT CONNECTION FOR REQUIRED SUPERVISED FIRE SPRINKLER SYSTEM FOR PROPOSED BUILDING. NFPA 101(2018) CH 30 SEC. 30.3.5.

Refer to Utilities Plan Sheet C4.00 for proposed location of backflow / meter assembly and Fire Department connection to the new building.

UTILITIES:

2-COMMENT:

PLEASE PROCURE AN APPROVED BROWARD COUNTY EPD SURFACE WATER MANAGEMENT PERMIT OR EXEMPTION FOR THE PROPOSED SITE AND OFF-SITE WORK. REQUIRED DURING OFFICIAL E-PLAN SUBMITTAL.

Permit will be applied for and obtained.

3-COMMENT:

PLEASE PROCURE A BROWARD COUNTY WASTEWATER COLLECTION PERMIT FOR THE PROPOSED WASTEWATER SANITARY SEWER SYSTEM. REQUIRED DURING OFFICIAL E-PLAN SUBMITTAL.

Permit will be applied for and obtained.

4-COMMENT:

PLEASE PROCURE AN FDEP PERMIT FOR THE PROPOSED DOMESTIC WATER SYSTEM. REQUIRED DURING OFFICIAL E-PLAN SUBMITTAL.

Permit will be applied for and obtained.

5-COMMENT:

PLEASE SUBMIT A CIVIL STATING THE TOTAL SITE WATER CONSUMPTION IN (GPD) GALLONS PER DAY. PLEASE PROCURE AN FDEP PERMIT FOR THE PROPOSED DOMESTIC WATER SYSTEM. REQUIRED DURING OFFICIAL E-PLAN SUBMITTAL.

1000 SF = 37(gpd/unit) therefore 3000 SF = 111(gpd).

6-COMMENT:

PLEASE SUBMIT A CIVIL PLAN STATING THE TOTAL WASTEWATER DISCHARGE FROM THE SITE IN (GPD) GALLONS PER DAY.

1000 SF = 37(gpd/unit) therefore 3000 SF = 111(gpd).

7-COMMENT:

THE SUBMITTAL DOES NOT APPEAR TO PROPOSE NEW OFF-SITE WATER AND/ OR SEWER CONNECTIONS FOR EH NEW BLDG. PLEASE SUBMIT A CIVIL DRAWING SHOWING IN DETAIL PROPOSED OFF-SITE WATER AND/OR SEWER CONNECTIONS FOR THE STRUCTURE INDICATE IF NO NEW WATER AND/OR SEWER SERVICES ARE REQUIRED. PLEASE CORRECT.

Refer to Utilities Plan Sheet C4.00 for new off-site water and sewer connections for the new building.

8-COMMENT:

PLEASE SHOW AND/OR NOTE ON A CIVIL PLAN CIVIL PLAN THAT ANY EXISTING AND UNUTILIZED WATER SERVICES OR SEWER LATERALS TO THE LOT MUST BE TERMINATED AT THE MAIN PER CITY SPECIFICATION BY THE OWNER.

Refer to Utilities Plan Sheet C4.00 (Engineer Notes # 3) for note regarding the existing water services or laterals.

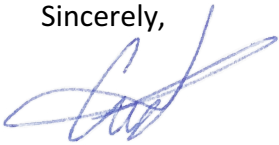
10-COMMENT:

PLEASE ATTACH THE FOLLOWING 2022 CITY ENGINEERING STANDARD DETAILS THAT APPLY AS PER THE DESIGN. CITY ENGINEERING STANDARD DETAILS CAN BE OBTAINED FROM THE FOLLOWING LINK:
[HTTPS://WWW.POMPANOBEACHFL.GOV/GOVERNMENT/ENGINEERING/STANDARD-DETAILS](https://www.pompanobeachfl.gov/government/engineering/standard-details)

Please refer to Details sheet C.500, C.500A and C.500B for 2022 City Engineering Standards Details.

If you have any further questions, please contact us at your earliest convenience.

Sincerely,



Eric Arencibia, P.E., President
EA3 Civil Engineering, Inc.
EricArencibia@ea3civil.com