

ENGINEERING COMMENT RESPONSES

PROJECT: 554 N. Riverside Drive
City of Pompano File # LN-142
3 Unit Townhouse Building
Pompano Beach, Florida 33062

July 29, 2021

1. 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 the Engineering Div. for Utility information. Engineering Standard street tree detail 316-1

Response: See revised Landscape plans with added civil engineering information.

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

Response: Understood.

3. The proposed paving, grading and drainage plans must be approved by the Broward County EPD Surface Water Management Division.

Response: A General Permit or exemption from EPD will be applied for

4. The proposed watermain and services, sanitary sewer connection to service this project and proposed drainage must be approved by the City of Pompano Beach Utilities Division

Response: Understood

5. Upload the 2019 City Engineering standard details for the proposed off-site water, sewer connections. These detail drawing may be obtained in pdf format from the City's website www.pompanobeachfl.gov under departments /engineering.

Response: 2019 Engineering details have been uploaded and placed on the civil plans.

6. Provide a sediment and erosion control plan for the subject project. All site development must be performed by using Best Management Practices.

Response: Refer to civil plans containing SWPP details and BMP

7. Place proposed COPB sidewalk warning dome mat construction detail drawing on the plans. Detail 318-1 ADA detectable warning mats.

Response: Warning map details and requirements are depicted on the civil engineering plans

8. Please note on civil plan WS-1 Water & Sewer Connection, 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.

Response: Note has been added to the Civil Engineering Utility plan

DRC

PZ21-12000019

CIVIL AND FORENSIC ENGINEERS • LAND PLANNERS • CONSTRUCTION MANAGERS

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Page 2

9. With the proposed on street parking 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.

Response: Note requested has been added to the civil engineering PGD plans

10. Conceptual civil plan design lacked detail and specifics. Nor did the design properly delineate the adjacent City mains, sizes or connection size and characteristics.

Response: See revised civil engineering plans accurately depicting all existing utility systems and details and all proposed improvements to service the site

FBC_BCA 110.8.5.4 All plans for the building which are required to be signed and sealed by the architect or engineer of record contain a statement that, to the best of the architect's or engineer's knowledge, the plans and specifications comply with the applicable minimum building codes and the applicable fire-safety standards as determined by the local authority in accordance with this section and chapter 633, Florida Statutes.

Response: See civil plans signed and sealed by Engineer with specific requested note added

UTILITIES

1. Please note that additional comments may be forthcoming contingent upon future submittals to the PAM and/or DRC review process.

Response: Understood

2. Please procure an approved Broward County EPD Surface Water Management permit or exemption for the proposed site work. Applicable during official Bldg. permit submittal. Please exercise best management practices with regard to protection of existing and proposed storm water systems.

Response: A general permit application will be filed with EPD for all sitework and BMP's utilized.

Site plans #1 and #2 don't state the size of the proposed water services. Please correct.

Response: Please refer to complete civil plans where all proposed utility services and sizes are shown

Site plans #1 and #2 don't state the size of the proposed sanitary sewer lateral connections. Please correct and note the proposed laterals from the waterwater main to the City accessible sewer cleanout shown boxed just behind the recorded property line shall be 6" typical.

Response: See civil engineering utility plans where 6" size sanitary sewer lateral within the public right of way and cleanout is specified.

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10/20/2021

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Page 3

1. Please note on site plans #1 and #2 that any existing unutilized water and/or sewer connection to the lot shall be terminated at the respective main as per City specification.

Response: See civil engineering plans where unused utility note has been added.

6. Please note on Landscape Plan LA-1 Landscape that as per City Ordinance(s) §50.02(A) (4) and §100.35(E), street trees or proposed trees or landscaping located within utility easements shall not be placed on top of or 5' of either side of any City owned utility infrastructure. 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.

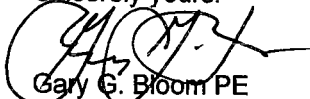
Response: See revised landscape plans with note added

7. Please attach the following 2019 City Engineering Standard details as they apply: 102-1 Valve Box Settings, 103-1 Gate or Valve Plug Settings, 106-1 Backflow Preventer, 107-1 Typical 1" Water Service, 107-2 Typical 2" Water Service, 115-1 Underground Valve Identification Marker, 200-1 Service Laterals with Risers, 200-2 Shallow Service Laterals, 201-1 Gravity Sewer Laterals, 201-2 WYE Gravity Sewer Saddle, 210-2 Sewer Box and Cover Traffic, 210-3 Sewer Box and Cover Heavy Traffic, 315-1 Typical Screen For Utilities, 316-1 Required Tree Locations.

Response: Requested City details have been added to the Civil Engineering plans.

If you have any additional comments from those presented, please feel free to contact our office.

Sincerely yours:


Gary G. Bloom PE
President

DRC

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10/20/2021