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SBA 8a - Civil - Structural - MEP - CEI - Program Management - Land Surveyors

DRC

PT22-12000032

10/16/2024

August 29th, 2024

City of Pompano Beach
100 West Atlantic Blvd.
Pompano Beach, FL 33060

Project: 324 Hous
P&Z: 22-12000032

Dear Building Department Official:

Below please find the responses to your comments, provided to help you expedite your review.

FIRE COMMENTS:

1. Provide a Hydrant Flow Test to determine the available water supply to this project. This test must be performed by a qualified company of the builder's choice. In addition, the static pressure at the water main shall be determined by a recorded method (ie. water wheel) for a minimum twenty-four (24) hour period. The actual flow test must be witnessed by, and recorded data sent to City of Pompano Beach Fire Prevention.

Response: Fire test to be provided by the Owner. Results for the Fire flow test prepared by Black Fire Protection were included in sheet C-204 for information.

2. Provide Required Fire Flow Data for each proposed structure (this flow will either be the total flow required for a nonfire 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.

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.

Response: Required fire Flow and Building information has been provided as per NFPA 1 – Fire Code, Chapter 18, table 18.4.5.2.1 and Section 18.4.5.3.2. Refer to sheet C-204 for information.

Fire Hydrants location to be provided by the Owner, however, distances from the nearest fire hydrants to the building has been included on sheet C-204.

ENGINEERING COMMENTS:



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3. 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.

Response: Addressed. Refer to sheets C-500 to C-507 for standard details.

4. On Plan sheet C-1.5 Show the dimensions of the proposed driveway and the sidewalk needs to be shown as a separate independent pour.

Response: Addressed. Refer to Sheet C-200 for driveway dimension and detail on D/C-501.

5. Please note on civil plan C-1.6 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. Sewer Laterals that are cut and capped will need to be as-built per our engineering as-built standards.

Response: Addressed. Refer to sheet C-204 for Water and Sewer Plans.

CURBING/MARKING/COMPACT PARKING SPACES IN PARKING GARAGE COMMENTS:

CURB:

- a. **Except for off-street parking areas serving single-family dwellings, or off-street parking provided within a Parking Deck or Garage, each off-street parking space shall include a continuous curb.**

Response: N/A. No off-street parking is provided

- b. **The vehicular overhang area shall be no more than 2½ feet wide and shall not be credited toward any required sidewalk or landscape areas.**

Response: N/A. No off-street parking is provided.

- c. **In place of continuous curbs, wheel stops may be provided when required for compliance with accessibility guidelines promulgated under the Americans with Disabilities Act (ADA). When permitted, the wheel stops shall be made of concrete, wood, metal, or material of comparable durability, and shall be at least six feet long.**

Response: Wheel stops were provided inside property, refer to sheet C-202; No off-street parking is provided.

MARKING:

Except for parking areas serving single-family dwellings, each required off-street parking area and space, and each off-street loading area and berth, shall be identified by double striping as well as other surface markings that are arranged to provide for orderly and safe loading, unloading, parking, and storage of vehicles. Such markings-including directional arrows, lettering on signs and in handicapped-designated areas, and labeling of the pavement-shall be maintained so as to be readily visible at all times.

- a. Response: Pavement Marking were provided inside property, refer to sheet C-202.

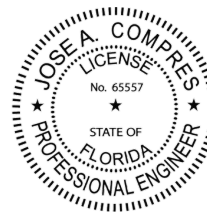
**COMPACT PARKING SPACES:**

When provided in a parking garage, the dimensions of up to 20% of the required off-street parking spaces may be reduced to a width of 8 feet and 6 inches and a depth/length of 16 feet. The spaces shall be marked as Compact Parking Spaces.

Response: N/A.

Jose
Compres

Digitally signed
by Jose Compres
Date: 2024.08.29
16:54:37 -04'00'



Prepared By: _____

Jose A. Compres P.E.
FL No. 65557

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSE A. COMPRES ON AUGUST 29TH, 2024. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.