



October 23, 2019

Mr. Brandon Creagan, MCRP, LEED Green Associate
Planner
Planning Department
City of Fort Pierce
100 N. US Hwy 1
Fort Pierce, FL 34950

Re: Mistry Creek Preserve – Comment Response Letter
Our Reference Number: 19-310

Dear Mr. Creagan,

We are in receipt of the Technical Review Committee (TRC) comments, as received by this office via email on August 20, 2019. Please find below all comments received, along with our responses to each comment in ***bold italics***.

CITY OF FORT PIERCE PLANNING DEPARTMENT

1. Provide a map that pinpoints where the transit stop that you are using for the density bonus for is located. You could use a buffer map with a ¼ mile radius that shows that the transit stop is within that buffer.

Response: The requested graphic has been provided herewith this resubmittal.

2. Provide a lighting plan pursuant to City Code 22-60(j)1(b).

Response: A typical light pole detail has been added to Sheet SP-1, demonstrating a min. 14' mounting height, along with general light pole locations denoted on the plan graphics. A detailed lighting and photometric plan will be submitted for review at time of detailed construction plans submittal to the building department.

3. If not already noted, provide stop signs at the parking lot near the entrance on Kirby Loop / SW 35th Street from the sidewalk outside of the development to the clubhouse for pedestrian access.

Response: Preliminary striping has been added to the Site Plan. A detailed signage and striping plan shall be submitted for review at time of detailed construction plans submittal to the building department.

4. Provide a painted crosswalk outside of the development to the clubhouse for pedestrian access.

Response: Preliminary striping has been added to the Site Plan. A detailed signage and striping plan shall be submitted for review at time of detailed construction plans submittal to the building department.

5. Specify the sign dimensions, square-footage, and height as this must be a part of the package that is reviewed by the City Commission.

Response: Detailed construction plans for the Project I.D. sign will be submitted for review at time of detailed construction plans submittal to the building department.

6. Ensure that all refuse collection areas have a pedestrian access door.

Response: As proposed and noted in the typical refuse enclosure detail on Sheet SP-1, all proposed refuse enclosures have pedestrian access.

7. Before a Certificate of Occupancy is issued, provide a landscape bond for all proposed landscaping pursuant to City Code 22-180.

Response: Acknowledged.

CITY OF FORT PIERCE ENGINEERING DEPARTMENT

1. The property is comprised of thirteen (13) separate parcels of land that will require unification prior to issuance of any building permits. The applicant shall provide information as to whether the parcels will be unified by the recordation of a Unity of Title or by formal Plat.

Response: A Unity of Title will be submitted to the St. Lucie County Property Appraiser prior to issuance of building permits.

2. Please revise the proposed driveway aprons from asphalt to concrete as per City of Fort Pierce Code of Ordinances Sect. 17.

Response: Acknowledged; the requested revision has been made.

3. ADVISORY COMMENT: Being as the property borders S. 25th Street and S. 37th Street, both of which are owned and maintained by St. Lucie County, coordination with SLC regarding required right-of-way improvements and possible right-of-way acquisition is required.

Response: Acknowledged.

4. The Survey reflects a missing segment of sidewalk situated at the south end of the property along S. 35th Street; please incorporate this sidewalk connection into the design plans.

Response: Please refer to comment response #4, under "St. Lucie County Public Works".

5. The site plan shall indicate the location of all stop signs, stop bars, and other pertinent traffic control devices.

Response: A detailed signage and striping plan shall be submitted for review at time of detailed construction plans submittal to the building department.

6. The site plan shall identify the width of the S. 35th Street driveway.

Response: As requested, the requested dimension has been provided for.

CITY OF FORT PIERCE BUILDING DEPARTMENT

1. Building official or his representative has no comment at the time of this meeting, but reserves the submission of comments upon completion of the official plan review.

Response: Acknowledged.

2. Any construction will need to meet the requirements of the Florida Building Code 6th Edition.

Response: Acknowledged.

3. Will need to meet Fire Code.

Response: Acknowledged.

4. Sprinkler system is required.

Response: Acknowledged.

5. Smoke alarm system is required.

Response: Acknowledged.

CITY OF FORT PIERCE POLICE DEPARTMENT

1. Temporary approval granted at this time, pending a photometric survey. Please ensure the project's lighting meets or exceeds the standard set forth by City Code.

Response: Acknowledged. A typical light pole detail has been added to Sheet SP-1, demonstrating a min. 14' mounting height, along with general light pole locations denoted on the plan graphics. A detailed lighting and photometric plan will be submitted for review at time of detailed construction plans submittal to the building department.

FORT PIERCE UTILITIES AUTHORITY – WATER / WASTE WATER ENGINEERING

1. Approved – FPUA has an 8-inch water main, and a 10-inch force main on S. 35th Street to provide water and sewer services to this location. Developer's engineer will be required to submit 3 sets of utility plans to Water and Waste Water Engineering for review and approval.

Response: Acknowledged.

FORT PIERCE UTILITIES AUTHORITY – ELECTRICT & GAS ENGINEERING

1. Approved – Electrical Engineering will need 10-foot wide easements for anywhere that FPUA will be running its electric lines and transformers.

Response: Acknowledged.

ST. LUCIE COUNTY PUBLIC WORKS

1. A review of the traffic study by an outside consultant may be required. at the cost of the applicant.

Response: Acknowledged;

2. Current traffic conditions and access to the school site shall be provided in the traffic report.

Response: See memo from Kimley-Horn, attached.

3. S. 35th Street is identified on the County's Right-of-Way Protection Plan as a future 80' ROW. A dedication of one half of the remaining required ROW (preliminary indication of 5') dedication will be required.

Response: Acknowledged; the appropriate ROW dedication has been provided for and is so noted on the revised plan graphics.

4. The sidewalks along S. 35th Street are in substandard condition and will be required to be replaced as conditioned with the ROW permit.

Response: Acknowledged; the sidewalk shall be reconstructed commensurate with site development activities and shall be completed prior to issuance of Certificate of Occupancy.

5. The County has concerns with the traffic movements at the driveway on S. 35th Street. Turn lanes may be required.

Response: See memo from Kimley-Horn, attached.

6. Subsequent to TRC approval, the applicant may submit the required documents to Grant Chamber, P.E. in the Engineering Division. Documents include a driveway permit application, a ROW permit Application, two sets of plans, and other appropriate information. In accordance with the permit and Land Development Regulations, the applicant shall retain the EOR for the site inspections and final certification.

Response: Acknowledged; the County's coordination efforts in this regard are appreciated.

7. A Road Improvement Agreement may be required for any permanent improvements proposed within the County ROW.

Response: Acknowledged.

ST. LUCIE COUNTY ENGINEERING DIVISION – SURVEY

1. Please add reference Benchmark to the Surveyor's Notes.

Response: The requested revision has been made.

2. Please add accuracy statement based on expected use per Ch. 5J-17.051(2)(a), and (b).

Response: The requested revision has been made.

3. Please use leaders to indicate the ROW lines along Virginia Ave.

Response: The requested revision has been made.

4. Please add a note on Sheet 1 explaining whether or not corners were set when they were not in agreement with your calculated locations.

Response: The requested revision has been made.

ST. LUCIE COUNTY FIRE DISTRICT

1. Please submit a complete application for Development/Site Plan review.

Response: The referenced Application has been submitted to the SLCFD.

2. Fire District review fees are due at the time of submittal. An abbreviated fee schedule is included on the application form.

Response: The required fees have been submitted to the SLCFD.

3. Please provide an electronic copy of the site plan (pdf format).

Response: An electronic copy of the site plan will be transmitted subsequent to site plan approval by the City Commission.

4. A separate review and permit is required for Underground Fire Mains connected to standpipes or sprinkler systems.

Response: Acknowledged.

5. Fire hydrants (shall be) are provided for buildings other than detached one and two-family dwellings IAW both of the following 1) The maximum distance to a fire hydrant from the closes point in the building shall not exceed 400'; 2) The maximum distance between fire hydrants shall not exceed 500'. NFPA 1:18.5.3. Please provide fire flow calculations for hydrants.

Response: Acknowledged.

6. An approved water supply capable of supplying the required fire flow for fire protection (shall be) is identified to all premises upon which facilities, buildings or portions of buildings which are to be constructed or moved into the jurisdiction. The approved water supply shall be in accordance with NFPA 1:18.4. See “Needed NFPA Fire Flow Calculator Spreadsheet”.

Response: Acknowledged.

7. Security gates must either be manned 24-hours/day or provide access control key switch on the control panel to allow for Fire Department entry in an emergency. Security gates must maintain a clear width of 12’ when open and provide a means to open gates manually upon loss of power.

Response: Acknowledged; however, security gates are not contemplated at this time.

8. The distance allowed between fire department connection and a fire hydrant shall be no more than 150’ as a vehicle travels.

Response: Acknowledged.

9. Fire department connections shall be located on the street side of buildings and shall be located and arranged so that hose lines can be readily attached. To the inlets without interference from any nearby objects, including buildings, fences, landscaping, or other fire department connections shall be based upon the access requirements of the fire department.

Response: Acknowledged.

It has been our pleasure to provide you with the above responses for your review. Please do not hesitate to contact me directly should you have any questions or concerns, or should you require additional information.

Respectfully,



Brian Nolan, AICP, ASLA
Senior Land Planner/Landscape Architect