City of West Palm Beach

Engineering Services Department
401 Clematis Street
Fourth Floor
West Palm Beach, Florida 33401
561-822-1200 Office
561-494-1116 Fax
www.wpb.org/engineering

ENGINEERING SERVICES DEPARTMENT
INFRASTRUCTURE REPORT, PART I

Project Name: _____
(Project name as given in the permit application)

PERMIT APPLICATION SUBMITTED FOR THE FOLLOWING REVIEW(S): (Check as applicable)

Roadway ____	Sidewalk/Public Areas ____	Transportation ____	Utilities – Stormwater ____
Landscape ____	Street Lighting ____	Sanitation Coll. ____	Utilities – Water ____
Utilities – Sewer ____	Utilities - Other ____	Structures ____	Misc. Infra. ____ Plat ____

It is the intent of this infrastructure report to summarize and quantify the exact nature of work proposed by the project submittal, what infrastructure facilities exist to support the project, and what impact the project will place on those facilities.

Failure to show all existing infrastructure elements as a part of this submission may result in revocation of plan and permit approval which may result in delays due to redesign and resubmission.

I General Plan and Specification Requirements for Permitting

A. Are design drawings signed and sealed by a State of Florida registered Professional Engineer?

Yes: ____ No: ____ N / A: ____

B. Has this project been considered by the Plans and Plats Review Committee (PPRC)?

Yes: ____ No: ____ N / A: ____

C. Will this project require a permit from CWPB Construction Services?

Yes: ____ No: ____ N / A: ____

D.. Is the project located within an existing or proposed Development of Regional Impact (DRI)?

Yes: ____ No: ____ N / A: ____

If Yes, indicate project name and attach a copy of the approved development order.

DRI Project Name: _____

E. Is the project subject to any existing or proposed agreements with the City of West Palm Beach, Palm Beach County, State of Florida, Special District, or other regulatory agency?

Yes: ____ No: ____ N / A: ____

If Yes, indicate the title of the agreement and attach an executed copy.

Agreement Title: _____

General Plan and Specification Requirements for Permitting - Continued from Page 1

F. Has the project design taken into consideration all conditions of plat approval and/or developer's agreement(s)?

Yes: ____ No: ____ N / A: ____

If No, please explain: _____

G. Have all existing and proposed utilities, (Water, Sewer, Stormwater, Gas, Electric, Cable, Telephone, etc.) in the public right-of-way been shown on the plan? All utilities shall be identified and located by dimension, both horizontally and elevation. Size and material construction shall be included in identification.

Yes: ____ No: ____ N / A: ____

H. Are all elevations shown on the plans based on National Geodetic Vertical Datum (City of West Palm Beach -29)?

Yes: ____ No: ____ N / A: ____

Have technical specifications, technical drawings, and general construction notes been included in the drawings?

Yes: ____ No: ____ N / A: ____

I. Has the plan been checked for accuracy?

Yes: ____ No: ____ N / A: ____

If Yes, by whom: _____

II Roadway

A. Do design drawings for arterial and collector roads include both plan and profile? Profile shall be equal in scale to the horizontal plan.

Yes: ____ No: ____ N / A: ____

B. Has sufficient roadway geometry been shown on the design drawings to determine proper design and construction aspects?

Yes: ____ No: ____ N / A: ____

C. Are dimensions of all right-of-way widths & easements indicated on the design drawings?

Yes: ____ No: ____ N / A: ____

D. Has suitable legend been provided on the design drawings?

Yes: ____ No: ____ N / A: ____

E. Are all named streets and alleys clearly identified?

Yes: ____ No: ____ N / A: ____

F. Is proposed pavement clearly indicated on the plans and dimensionally located?

Yes: ____ No: ____ N / A: ____

G. Do the cross section(s) and/or typical section(s) of the proposed road show dimensions, materials, and purpose of all existing facilities, to remain, as well as proposed facilities in the right-of-way?

Yes: ____ No: ____ N / A: ____

H. Are there any bridges proposed for construction by the plans.?

Yes: ____ No: ____ N / A: ____

If yes, bridge design shall be in accordance with AASHTO Standard Specification for Highway and Bridge Construction, and applicable to F.D.O.T. Design Manuals.

Roadway - Continued from Page 2

I. Is the project located on or adjacent to a roadway classified as a State road or County road?

Yes: ____ No: ____ N / A: ____

If Yes, identify the roadway and agency.

Roadway: _____

Agency: _____

Roadway: _____

Agency: _____

J. Has application been made with the appropriate agency for public right-of-way construction?

Yes: ____ No: ____ N / A: ____

If Yes, please provide a copy of the permit and approved plan.

K. What design storm criteria was used to establish the crown elevation for residential roads?

Crown Elevation: _____

Crown Elevation Design Criteria: _____ Yr. Storm

L. Will the project convey any roadway maintenance responsibilities to the City following construction?

Yes: ____ No: ____ N / A: ____

III Transportation

A. Is a traffic study required in conjunction with the project?

Yes: ____ No: ____ N / A: ____

If Yes, submit a copy of the study.

B.. Are all existing transportation facilities, including bus stops and shelters, represented on the design drawings?

Yes: ____ No: ____ N / A: ____

C. What speed was used in the design of the project? _____Mph

D. What is the existing posted speed for the roadway adjacent the project?

Street Name: _____ _____Mph

Street Name: _____ _____Mph

Street Name: _____ _____Mph

E. Are public parking space included in the design plans?

Yes: ____ No: ____ N / A: ____

IV Landscape

A. Are landscape plans signed and sealed by a State of Florida registered Professional Landscape Architect?

Yes: ____ No: ____ N / A: ____

B. Does the plant selection and installation conform to the following: Xeriscape principles in accordance with guidelines established by South Florida Water Management District, Florida Division of Forestry publication 'Guidelines to South Florida Plants' Florida Power And Light publication 'Plant the right tree in the right place, (5/95 revision), and City of West Palm Beach Zoning Code?

Yes: ____ No: ____ N / A: ____

C. Will the project convey any landscape and/or irrigation maintenance responsibilities to the City following construction?

Yes: ____ No: ____ N / A: ____

D. Will landscaping be completed within a public right-of-way classified as a State or County?

Yes: ____ No: ____ N / A: ____

If Yes, has application been made with the appropriate agency for public right-of-way construction?

Yes: ____ No: ____ N / A: ____

If Yes, please provide a copy of the permit and approved plan.

E. Will there be any tree removal as part of construction?

Yes: ____ No: ____ N / A: ____

If Yes, a tree removal permit from City of West Palm Beach Planning Department will be required.

F. Has a tree preservation plan been included in the design drawings?

Yes: ____ No: ____ N / A: ____

V Sanitation Collection

A. Is the existing site serviced by City Sanitation Collection?

Yes: ____ No: ____ N / A: ____

B. Does the project propose sanitation collection by the City?

Yes: ____ No: ____ N / A: ____

If Yes, identify the type of proposed collection.

Dumpster Collection: ____ Number of Dumpster: ____

Residential Collection: ____ Number of Residential Units: ____

C. Does the project propose a trash compactor with private sanitation collection?

Yes: ____ No: ____ N / A: ____

VI Utilities – Water

A. Is the project served by an existing approved water distribution system?

Yes: ____ No: ____ N / A: ____

a. If No, how will potable water be provided? _____

b. If Yes, complete the following:

Utility Provider: _____

B. Does the project propose the use of private booster pumps?

Yes: ____ No: ____ N / A: ____

C. Has HRS (Palm Beach County Health Department) approval been obtained?

Yes: ____ No: ____ N / A: ____

If Yes, include a copy of the HRS approval.

If No, please explain: _____

VII Utilities – Stormwater

A. Does any public right-of-way adjacent or within the project abut any existing or proposed water bodies such as lakes, canals, drainage ditch, pond, Intracoastal waterway, etc.?

Yes: ____ No: ____ N / A: ____

B. Does the project site include wetlands?

Yes: ____ No: ____ N / A: ____

C. Has a Notice of Intent (NOI) been issued?

Yes: ____ No: ____ N / A: ____

If Yes, provide copy of the notice.

D.. Are there existing retention or detention pond within the project?

Yes: ____ No: ____ N / A: ____

If Yes, provide a report from a State of Florida registered Professional Engineer certifying present storage capacity and condition as meeting the original design calculations?

E.. Are existing exfiltration trenches within the project?

Yes: ____ No: ____ N / A: ____

If Yes, provide a report from a State of Florida registered Professional Engineer certifying present storage capacity and condition as meeting the original design calculations?

F. Has Florida Department of Environmental Protection approval been obtained?

Yes: ____ No: ____ N / A: ____

If Yes, please provide a copy of the FDEP approval or letter stating permit is not required.

Utilities – Stormwater - Continued from Page 5

G. Has South Florida Water Management District approval been obtained?

Yes: ____ No: ____ N / A: ____

If Yes, please provide a copy of the SFWMD approval or letter stating permit is not required.

H. Is a stormwater pollution prevention plan (SWPPP) included in the design drawings?

Yes: ____ No: ____ N / A: ____

J. Is a natural floodplain existent on the project site?

Yes: ____ No: ____ N / A: ____

K. Does the project propose the connection of a discharge line to a City maintained drainage canal?

Yes: ____ No: ____ N / A: ____

VIII Utilities –Sewer

A. Is the project served by an existing approved sanitary sewer collection system?

Yes: ____ No: ____ N / A: ____

1. If No, how will sanitary sewer collection be provided? _____

2. If Yes, complete the following:

Wastewater treatment facility serving project: _____

Wastewater collection operating utility: _____

B. Does the project include any existing lift stations? (Private or Public)

Yes: ____ No: ____ N / A: ____

C. Has HRS (Palm Beach County Health Department) approval been obtained?

Yes: ____ No: ____ N / A: ____

If Yes, include a copy of the HRS approval.

If No, please explain: _____

IX Utilities- Other

A. Are all existing utilities, other than water distribution, sanitary sewer collection, and stormwater drainage, represented on the plans?

Yes: ____ No: ____ N / A: ____

B. Are underground utilities proposed for the project, other than water distribution, sanitary sewer collection, and stormwater drainage?

Yes: ____ No: ____ N / A: ____

If Yes, identify Utility:_____

Utility:_____

Utility:_____

Utilities- Other – Continued from Page 6

C. Have design drawings been submitted to any utility provider listed above in question B?

Yes: ____ No: ____ N / A: ____

If Yes, please provide design drawing comments and/or approval.

X Structures

A. Does the project propose an overhang in to public right-of-way or easement of the building or structural elements?

Yes: ____ No: ____ N / A: ____

B. Does the project propose a subterranean footer or foundation encroaching in to the public right-of-way or easement?

Yes: ____ No: ____ N / A: ___

XI Miscellaneous Infrastructure

A. Are there any existing of proposed monitoring wells included within this project??

If Yes, please explain:_____

B. Are guardrails required for the project?

Yes: ____ No: ____ N / A: ____

XII Plat

A. Will a plat change be recorded in conjunction with the project?

Yes: ____ No: ____ N / A: ____

B. Has a final plat been recorded?

Yes: ____ No: ____ N / A: ____

If No, Final Plat recording is required prior to issuance of permit.

C. Does the project propose the abandonment of existing easements or right-of-way?

Yes: ____ No: ____ N / A: ____

Prepared By: _____ Date: _____