

**CYPRESS GROVE COMMUNITY DEVELOPMENT DISTRICT
DRAINAGE CONNECTION PERMIT APPLICATION FORM
January 23, 2020**

A. General Information:

1. Permittee FPL
2. Contact Matthew Silver
3. Phone Number 239-222-1061

B. Location of the Property:

1. General Location of the Property:

- a. Section (S) 33
- b. Township (S) 42 South
- c. Range (S) 40 East
- d. Area (acres) 641.8

2. Drawings (Please provide two sets):

- a. Location Map (8.5" x 11")
- b. Site Map (8.5" x 11") locating canals, water bodies, property boundary, on-site lakes/ponds/canals and location of pipe connection
- c. Control Structure Detail

3. Drainage Calculations (Per South Florida Water Management District Requirements for L-8 Basin)

- a. Water Quality-First 1.5 inches or 3.75 inches times percentage of impervious, whichever is greater for an impaired waterbody.
- b. Allowable (Design) Discharge, 1 inch per day (27 cfs per square mile) for 25-Year, 3-Day rainfall event
- c. Flood Protection
 - Roads (10-Year, 1-Day rainfall event with discharge)
 - Perimeter Berm (25-Year, 3-Day rainfall event with discharge)
 - Buildings (100-Year, 3-Day rainfall event with no discharge)
- d. Engineer Certification required for both drainage calculations and plans

4. Note: Cypress Grove Community Districts canal stages are maintained for irrigation purposes ranging from 15.5 NGVD to 18.5' NGVD.