



DRAINAGE REVIEW APPLICATION

The Town Engineer reviews all drainage plans for proposed projects in the Town of Lantana. Please complete the below application and follow the steps on page 2 to submit your application for drainage review.

Property Address: _____

Type of Development: Excavation Building/Other Structures
 Fill Other: _____

Applicant Name: _____ Owner Authorized Agent

Applicant Phone: _____ Email: _____

Engineer Name: _____

Engineer Phone: _____ Email: _____

Property Size: _____ Flood Zone: _____

FEMA Flood Zone Elevation: _____ Select One: NAVD NGVD

100-year 3-day zero discharge elevation): _____ Avg. Grade Elevation (Existing): _____

Required Lowest Floor Elevation: _____ Lowest Floor Elevation (Existing): _____ NA

Average Crown of Road Elevation (Existing): _____

Grade of Adjacent Properties: North: _____ East: _____ South: _____ West: _____

CONTACT INFORMATION FOR THE TOWN ENGINEER:

Town Engineer: Baxter & Woodman, Inc.
Location: 477 S Rosemary Avenue, Suite 330; West Palm Beach, FL 33401
Contact Info: Jeffrey G. Hiscock, P. E., (561) 425-7760; jhiscock@baxterwoodman.com

DRAINAGE REVIEW FEES:

Initial Review: \$400 (cash or check made payable to the Town of Lantana)
Subsequent Reviews: \$135/hour (must be paid prior to permit issuance)

Drainage Review Process:

1. Complete the attached drainage review application and prepare all applicable materials.
2. If the Owner does not sign this application, attach a signed letter authorizing the agent to apply.
3. Bring the completed drainage review application to the Lantana Building Division at 504 Greynolds Circle.
4. Pay the initial review fee of \$400 to the Building Division.
5. Obtain sign off on this document from a Building Division representative.
6. Contact the Town Engineer to determine the best time to drop off the completed application, and three (3) copies of your Drainage Plans with calculations for review to the Town Engineer’s office.
7. Make all adjustments in accordance with the Town Engineer’s comments.
8. For design criteria questions, please contact Jeffrey G. Hiscock, P.E. at the contact information listed below.
9. Upon satisfactory review by the Town Engineer, please provide documentation to the Building Division.

Drainage Plan Requirements:

1. All drainage plans and calculations must be signed, sealed, and dated by a Florida Registered Engineer.
2. Specify 100-year storm surge event stage elevation, assuming no off-site discharge on the plans. Finished floor elevation shall be 1 foot above the 100-year storm elevation or the FEMA Base Flood elevation, whichever is greater.
3. Show all existing trees/vegetation to be retained on the plans. Landscaping shall not be placed in any stormwater retention area unless compensation storage is provided. If provided, compensation storage area shall be shown on the plans and in the signed/sealed calculations.
4. Include the following text on the drainage plan: “Proposed elevations in all pervious areas represent finished top of sod/grass or any other material.”
5. For single family homes and duplexes one acre or less in size, the site must retain runoff from a 3 year design storm (2.8” of rainfall) based on the SCS Runoff Equation. This includes:
 - a) No runoff from front yard area to the street or adjacent property.
 - b) No runoff from side yard areas to adjacent properties.
 - c) No runoff from backyard area to adjacent properties/Intracoastal Waterway.
 - d) No runoff from the design storm onto the ROW or street occurs for driveways.
6. For all other projects, the stormwater drainage system shall be designed and installed utilizing methodology and permitting criteria as established for the Town of Lantana’s geographic area by SFWMD.
7. Provide a 4-inch deep depression across proposed driveways, located 4 ft from the edge of pavement.
8. **Plans and drawings should show how the proposed construction will:**
 - a) Protect the property from water/erosion hazards and will not increase erosion, flood heights, or velocities.
 - b) Protect against erosion, siltation, or flood damage at the time of or during construction.
 - c) Prevent the alteration of natural floodplains, stream channels, and natural barriers.
 - d) Provide for control of filling, grading, dredging, and development and not increase erosion/flood damage.
 - e) Prevent construction of flood barriers which will unnaturally divert flood waters or increase hazards.

Applicant’s Certification: I certify that I am either the property owner or an authorized agent of the property owner. I certify that I have the authority to make the foregoing application, that the application and plans are correct, and that the development will conform to regulations in the Florida Building Code, Lantana Land Development Regulations, and other provisions of the Codes of Palm Beach County and the Town of Lantana.

Owner/Agent Signature

Date

Town of Lantana Use Only: I authorize the application above is complete and the applicant has paid the initial review fee.

Development Services Representative

Date