

LDCT-2025-3 Stormwater and Stressed Basin changes

Chapter 1, Section 105, Relationship to Other Regulations

- Adding Generalized 100-year Storm Event Closed and Stressed Drainage Basin Map to the listed of maps adopted by reference into the LDC.
- Map is described to include: sub-basins within the Alafia River, Hillsborough River, Peace River, Kissimmee River, and St. Johns River basins. Notable areas include, but are not limited to, Itchepackasassa Creek, Blackwater Creek, Peace Creek, Kathleen Drain, Fish Hatchery Drain, Crooked Lake, and lakes created by former mining in the area of the Christina Development.
- Boundary determinations at the discretion of the County Engineer

Chapter 2, Section 227. Filling and Excavating Land

- Modifying exemptions to apply to 227.B.3 and not Florida Building Code, Section 630 elevation requirements, or additional call for stem walls.
- Adding stem wall requirement where finished floor elevation is greater than 1:4 rise over run.

Chapter 7, Section 730.H, Storm Water Management

- Differentiating the Code Section Stormwater Concurrency and Stormwater standards in Section 740.
- Changing Level of Service Standard for drainage structures on local roads from 10-year to 25-year storm.
- Changing Level of Service Standard for drainage structures on collector roads from 25-year to 50-year storm.

Chapter 7, Section 740, Storm Water Management

- Changing Mean Sea Level (MSL) Datum to North American Vertical Datum 1988 (NAVD88)
- Referencing Section 630 (Floodplain Management) for finished floor elevations.
- Requiring engineer to consider the effect of a 100-year storm upstream of development in stormwater system design and demonstrate that the system can convey such flow without causing adverse effects.

- Require stormwater system emergency overflow to handle to 125% of the system's designed flow.
- Require the site contractor to be responsible to remedy drainage problems caused to off-site properties during construction.
- Additionally, water quality standards shall apply to all phases of development including construction.

Chapter 10, Definitions

- Add definition for a Stressed Drainage Basin.

Appendix A, Section A102.E Seasonal High-Water Table

- Require crushed concrete when the seasonal high ground water table or high-water elevation is less than one and one-half feet below the proposed roadway base.
- Delete references to outdated materials.