



THE SUNRISE CITY
FORT PIERCE
BUILDING DEPARTMENT *Florida*



Ord. 23-029
Regulation of Stormwater
Runoff

Engineered Drainage Plans

- ▶ **Approximately 100 Engineered Drainage Plans have been required since 4/21/2021.**
- ▶ **Five Engineering firms were contacted for average cost.**
 - **Typically range from \$250 to \$2,500.**
 - **Average cost: \$1,500.**
 - **Costs are higher for atypical/complex conditions.**

Surrounding Communities

- ▶ **SLC – Requires a Stormwater Drainage Plan.**
 - Ordinance provides design standards to avoid the need of an Engineer.
- ▶ **PSL – Requires compliance with Engineering Standards for Land Development.**
 - In nine specific communities, drainage plans signed and sealed by a “design professional” are required.
- ▶ **IRC – Stormwater Management permit with plot plan and grading elevations required.**

Other Communities

- ▶ **A quick search revealed at least 7 other communities that require an Engineered Drainage Plan.**
 - Brevard, Lantana, Malabar, Orange, Palm Beach, Sarasota, and Seminole.
 - One Engineer my staff spoke with stated: “More and more communities are going that route.”
- ▶ **Drainage plans are mostly reviewed by the Engineering or Public Works Departments in other communities.**

Alternative Solutions

- ▶ Allow drainage plans to be prepared by any licensed design professional, not exclusively an engineer and reviewed by the Engineering Department for compliance.
 - ▶ Provide exemptions for structures under a certain square footage or certain distance away from property lines and lot size.
 - ▶ Establish criteria for lot coverage.
 - ▶ Adopt design and certification criteria to be reviewed by the Engineering Department.
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