

RELEVANT CODE GOVERNING DRAINAGE PLANS REQUIREMENTS IN MARION COUNTY

Florida Building Code—Residential Chapter 4 — Foundations

R401.3—Drainage.

Surface drainage shall be diverted to a storm sewer conveyance or other approved point of collection so as to not create a hazard. Lots shall be graded so as to drain surface water away from foundation walls. The grade away from foundation walls shall fall a minimum of six [6] inches (152mm) within the first ten [10] feet (3048mm).

Exception: Where lot lines, walls, slopes, or other physical barriers prohibit six [6] inches (152mm) of fall within ten [10] feet (3048mm), drains or swales shall be provided to ensure drainage away from the structure.

Florida Building Code—Building Section 1803—Excavation, Grading, and Fill

1803.3—Site Grading.

The ground immediately adjacent to the foundation shall be sloped away from the building at a slope of not less than one unit vertical in 20 units horizontal (5 percent slope) for a minimum distance of 10 feet (3048mm) measured perpendicular to the face of the wall or an approved alternate method of diverting water away from the foundation shall be used.

Exception: Where climactic or soil conditions warrant, the slope of the ground away from the building foundation is permitted to be reduced to not less than one unit vertical in 48 units horizontal (2 percent slope).

The procedure used to establish the final ground level adjacent to the foundation shall account for additional settlement of the back fill.

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DRAINAGE PLAN REQUIREMENTS

JULY 1, 2006



WHAT THE MARION COUNTY ORDINANCE SAYS:

Ordinance No. 05-28

Ordinance 05-28 is the prevailing governance in Marion County with regard to the adoption, administration, and enforcement of the Florida Building Code.

In addition to the statewide Florida Building Code requirements, the Marion County Board of County Commissioners approved additional requirements deemed necessary to ensure the safe built construction environment of Marion County.

Ordinance 05-28 was signed into law on September 20, 2005. The language of the Ordinance is as follows:

Stormwater Drainage Plan Compliance

- Each residential site shall be inspected for compliance with the Individual Stormwater Drainage Plan in conjunction with other structural inspections.
- Each commercial site shall be inspected for compliance with the Individual Stormwater Drainage Plan separately in conjunction with inspections required by the Marion County Transportation Department.

This pamphlet provides both the Florida Building Code and Marion County ordinance requirements, along with some helpful hints for making your plan submission pass the review process. More in-depth explanations, including detailed Code citations and sample lot drawings, can be found at the Marion County Building Department website. To access this information log on to:

www.marioncountyfl.org/building.htm

Then, click on **News You Need**, and you'll see the information links for **Drainage Plan Requirements**.

WHAT THE MARION COUNTY BUILDING DEPARTMENT REQUIRES:

Drainage Plan Requirements

Effective July 1, 2006, drainage plans will be required for all plans submitted for permit. All permits for new buildings, as well as permits for additions to existing buildings, are required to show the proposed lot drainage on a site plan. Remember that the contractor is liable and therefore required to make sure that the drainage will work. For questions before you design the drainage plans contact the Stormwater Management Office at (352) 671-8686.

Here are a few simple guidelines when submitting your plans:

- The plan can be a separate drawing, or simply additional information provided on the existing [required] site plan.
- The plan does not have to be prepared by an engineer for a residential construction project, nor does it have to show any topographical information.
- The only requirement is that you show where the lot will discharge excess rainwater runoff displaced by the new construction project.
- Use squiggly arrows to show the slope away from the building and toward the run-off collection feature (which are usually swales or curb gutters.)
- Flow may go across other lots to the side or rear if there are common swales directing run-off to collection systems or drainage features.
- Design your lot drainage plan to accommodate the actual existing conditions that you have to work with.