



Item 12.B.4

Section 17-5012, Stormwater Conveyance Systems



Appendix V – Drainage

17-5012. – Stormwater conveyance systems.

Commentary: This section was revised to clarify that new conveyance systems, and revisions to existing systems, require approval by the Parish engineer. Additional paragraph added (A.2) to require all conveyance to be directed to a primary system onsite and not directing flow to adjacent properties.

- A. The following criteria and requirements shall apply to all proposed storm water conveyance systems:
1. All new stormwater conveyance systems and revisions to existing stormwater conveyance systems shall meet the standards of Sections 17-4044 and 17-5013 and shall be reviewed and approved by the Parish Engineer prior to constructing or altering such systems.
 2. All stormwater conveyance systems shall be designed and constructed so that stormwater throughout the development is directed to a main conveyance system or detention facility and is not otherwise directed to adjacent properties.
 - ~~1-3.~~ Open ditches: Existing open ditches may be ~~utilized~~ used to convey offsite water through a proposed development or to convey water from a subsurface collection system to its ultimate outfall or detention area. No new open ditches shall be allowed within a proposed development. Alterations to an existing open ditch requires approval by the Parish Engineer.
 4. For new proposed developments, ~~S~~subsurface storm water systems shall be ~~utilized~~ used to collect runoff from proposed roadways and ~~the front/rear of individual~~ lots for conveyance to an outfall ditch or detention pond.
 5. Subsurface systems installed to convey off-site water require proper analysis be performed in accordance with section 17-506 to ensure that no negative impact is caused to adjoining property owners.
 - ~~2-6.~~ Swales used to direct stormwater to drainage inlets shall have side slopes not exceeding 5:1.
 - ~~3-1.~~ Subsurface systems installed to convey off-site water require proper analysis be performed in accordance with section 17-506 to ensure that no negative impact is caused to adjoining property owners.
 - ~~4-7.~~ For ~~all~~ new proposed developments, effluent from individual sanitary sewer treatment systems must ultimately outfall into an enclosed storm drainage system if such storm drainage system abuts the subject site.

(Ord.# DR07-01, 9/6/07; DR09-01, 716/09; DC09-09, 12/17/09, <<insert ordinance #, date>>)