

WEDGEFIELD PLANTATION ASSOCIATION POLICY MANUAL

SECTION XI

DRAINAGE

1. Drainage Pipe Installation:

Homeowners may apply to ARC for permission to install drainage pipe- fill in the drainage ditch along their property lines. See Section III, Item 3.03

1.01 For the benefit and protection of all property owners and to assure the performance and integrity of the drainage system, the following requirements shall apply:

- A. A letter requesting permission to install pipe and to fill in the ditch shall be submitted along with a sketch showing the length of pipe, location of catch basins, clean out boxes, elevations (at end of property line and point of out flow), and direction of box.
- B. The letter shall state that the Applicant agrees to keep the pipeline clear of all silt and debris and in good repair.
- C. The Applicant shall be informed that the Association assumes no responsibility for maintenance.

1.01.01 The following technical standards shall be adhered to:

- A. Pipe Type
 - (1) Plastic double wall approved by South Carolina DOT and Georgetown County DPW. No single wall corrugated inside and outside is permitted.
 - (2) Concrete- reinforced concrete approved by South Carolina DOT and Georgetown DPW.
- B. Pipe Size
 - (1) Minimum- 12” diameter, unless otherwise approved, during and after construction.
 - (2) Each job must be sized in accordance with its location.
 - (3) Pipe under driveway shall be same as approved size, or minimum of 12”.
- C. Pitch
 - (1) Minimum pitch shall be 1” per 100 feet of pipe.
- D. Catch Basins
 - (1) Concrete block set on a 4” concrete slab.
 - (2) Grate shall be 24” x 24” cast iron frame as approved by S.C. DOT and Georgetown County DPW or reinforced fiberglass.
 - (3) Minimum two (2) catch basins per 100’ of pipe with one at property line.
 - (4) Elevation of gate to maintain grade.

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E. Bulkheads

- (1) A Bulkhead wall shall be constructed at both ends of pipeline. May be riprap of stone or concrete or treated wood.

F. Clean-out Junction Boxes

- (1) Shall be located at junction of different type or size pipe.
- (2) Concrete block on 4" concrete slab.
- (3) Cover shall be 4" removable concrete slab, which may be buried beneath the surface.

G. Installation

- (1) Pipe shall be set so as to maintain elevations as shown on submittal. One (1") inch pitch per 100' shall be maintained. Elevation shall be checked at both ends of each length of pipe.
- (2) Fill shall be a sandy type fill free of all debris. Fill shall be hand packed around pipe and machine packed to grade.
- (3) Finish grade shall be established to cause all water to run towards grating.
- (4) Topsoil as well as sod shall be installed on entire area without delay.

H. Notification- The Wedgefield Plantation Association shall be notified as follows:

- (1) Start of job.
- (2) Before filling ditch.
- (3) Completion of job.

1.02 The homeowner is responsible for all costs involved and is solely responsible for maintenance of the pipe and catch basin (clean out) installed. In the event of a problem, which is not addressed by the Homeowner, action will be taken and cost shall be billed to the owner.

1.03 All work shall conform to State of South Carolina and Georgetown County Standards. No exception permitted.

2. **New Construction**

Once a home is constructed and the landscaping completed, the silt on either side of the property line (drainage ditch) shall be cleaned by the Homeowner. This included all "silt build up" in drainage pipes in both directions.