Albemarle County Engineering
General Construction Notes for Private Roads

1. Prior to any construction within any existing public right-of-way, including connection to any existing road, a permit shall be obtained from the Virginia Department of Transportation (VDOT). This plan as drawn may not accurately reflect the requirements of the permit. Where any discrepancies occur the requirements of the permit shall govern.

2. Construction inspection of all proposed roads within the development will be made by the County. The contractor must notify the Department of Engineering (296-5861) 48 hours in advance of the start of construction.

3. All materials and construction methods shall conform to current specifications and standards of VDOT. All excavation for underground pipe installation must comply with OSHA Standards for the Construction Industry (29 CFR Part 1926).

4. Erosion and siltation control measures shall be provided in accordance with the approved erosion control plan and must be installed prior to any clearing, grading or other construction.

5. Upon completion of fine grading and preparation of the roadbed subgrade, the contractor shall have CBR tests performed on the subgrade soil. Three (3) copies of the test results shall be submitted to the County. If a subgrade soil CBR of 10 or greater is not obtainable, a revised pavement design shall be made by the design engineer and submitted with the test results for approval.

6. All slopes and disturbed areas are to be fertilized, seeded and mulched. The maximum allowable slope is 2:1 (horizontal:vertical). Where reasonably obtainable, lesser slopes of 4:1 or better are to be achieved.

7. Surface drainage and pipe discharge must be retained within the public right-of-way or within easements prior to acceptance by the County. All drainage outfall easements are to be extended to a boundary line or a natural watercourse.

8. Guardrail locations are approximate. Exact length, location and appropriate end treatments will be field determined at the time of construction. Additional guardrail may be required at locations not shown when, in the opinion of the Director of Engineering, or the Director=s designee, it is deemed necessary. When guardrail is required, it shall be installed four (4) feet offset from the edge of pavement to the face of guardrail, and roadway shoulder widths shall be increased to seven (7) feet.

9. Where urban cross sections are installed, all residential driveway entrances shall conform to VDOT CG-9(A, B or C).

10. Where rural cross sections are installed, all residential driveway entrances shall conform to VDOT standard PE-1.

11. Paved, rip-rap or stabilization mat lined ditch may be required to stabilize a drainage channel when, in the opinion of the Director of Engineering, or the Director=s designee, it is deemed necessary.

12. A minimum clear zone of eight (8) feet from the edge of pavement shall be maintained on all residential subdivision streets.

13. Compliance with the minimum pavement width, shoulder width and ditch sections, as shown on the typical pavement section detail, shall be strictly adhered to. Exceptions will not be allowed.

14. Upon completion of the roadway construction, street name signs shall be installed by the developer at all street intersections. Signs and their installation shall conform to "Albemarle County Street Name Sign Requirements". The developer shall be responsible for maintenance of signs until roads have been accepted.

15. Road plan approval is subject to final subdivision plat validation. Should the final plat for this project expire prior to signing and recordation, then approval of these plans shall be null and void.

16. Traffic control or other regulatory signs or barricades shall be installed by the developer when, in the opinion of the Director of Engineering, or the Director=s designee, they are deemed necessary in order to provide safe and convenient access. All signs or other regulatory devices shall conform with the Virginia Manual for Uniform Traffic Control Devices.